The Boeing Company
Santa Susana Field Laboratory
5800 Woolsey Canyon Road
Canoga Park, CA 91304-1148

Via FedEx

February 29, 2012
In reply refer to SHEA-111828

Mr. Stewart W. Black
Acting Deputy Director
Calif. Environmental Protection Agency
Dept. of Toxic Substances Control
1001 "I" Street
P. O. Box 806, 11-44
Sacramento, CA 95812-0806

Dear Mr. Black:

Subject: Report on Annual Groundwater Monitoring, 2011
Post-Closure Permit Nos. PC-94/95-3-02 and PC-94/95-3-03

The Boeing Company hereby submits the "Report on Annual Groundwater Monitoring, 2011", MWH, dated February 29, 2012. This report describes activities on the groundwater program at the Santa Susana Field Laboratory for the period of January 1 through December 31, 2011. As required in the Permits and WQSAPs, this report also presents an evaluation of the monitoring data collected from second quarter 2010 through fourth quarter 2011, describing a proposed statistical method for calculating background concentrations to be used as concentration limits, as well as the resultant proposed concentration limits for the regulated units.

There are currently 246 monitoring wells, 13 facility water supply wells, and 19 offsite private sources included in the groundwater program at SSFL. Water-producing wells in the monitoring network are sampled in accordance with the referenced Post-Closure Permits.

I certify that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to evaluate the information submitted. I certify that the information contained in or accompanying this submittal is true, accurate, and complete. As to those identified portion(s) of this submittal for which I cannot personally verify the accuracy, I certify that this submittal and all attachments were prepared in accordance with procedures designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those directly responsible for gathering the information, or the immediate supervisor of such person(s), the information submitted is, to the best of my

knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: _____

Name: Thomas D. Gallacher
Site Director
Title: Environment, Health and Safety
Date: February 24, 2012

Enclosures: MWH Annual Groundwater Report

Distribution – see attached

	L = Letter E = Enclosure CD = Compact Disc	Mailing Classification
Mr. Mark Malinowski, Chief Northern California Permitting and Corrective Action Branch California Environmental Protection Agency Dept of Toxic Substances Control 8800 Cal Center Drive Sacramento, CA 95826-3200	L/E	FedEx
Mr. Roger Paulson California Environmental Protection Agency Dept of Toxic Substances Control Region 1 Facility Permitting Branch 8800 Cal Center Drive Sacramento, CA 95826-3200	L/E (7) CD (12)	FDE Ground
Ms. Karen Baker Geology and Corrective Action Branch Hazardous Waste Management Program Dept of Toxic Substances Control 5796 Corporate Avenue Cypress, CA 90630	L	FedEx
Mr. Tom Seckington Geology and Corrective Action Branch Hazardous Waste Management Program Dept of Toxic Substances Control 5796 Corporate Avenue Cypress, CA 90630	L/E/CD (2)	US Mail
Frankie Burton CH2M-Hill 155 Grand Avenue, Suite 1000 Oakland, CA 94612	L/CD	US Mail
Mr. William Jeffers California Environmental Protection Agency Dept of Toxic Substances Control 9211 Oakdale Avenue Chatsworth, CA 91311-6505	L/E/CD	US Mail

	L = Letter E = Enclosure CD = Compact Disc	Mailing Classification
Ms. Stephanie Jennings Department of Energy c/o The Boeing Company 5800 Woolsey Canyon Road Canoga Park, CA 91304	L/CD	Hand Delivered
Ms. Jazmin Bell Department of Energy Oakland Projects Office 1301 Clay Street, Suite 1660N Oakland, CA 94612-5208	L/CD	Hand Delivered
California Regional Water Quality Control Board 320 West 4th Street, Suite 200 Los Angeles, CA 90013 Attn: Mr. Peter Raftery, Remediation Dept.	L/CD	US Mail
U.S. Environmental Protection Agency, Region 9 Toxics and Waste Mgmt. Division, Mail Stop SFD-8-1 75 Hawthorne Street San Francisco, CA 94105 Attn: Ms. Mary Aycock, Waste Compliance Branch	L/CD	US Mail
Upper Los Angeles River Area Watermaster Richard C. Slade and Associates 12750 Ventura Blvd., Suite 202 Studio City, CA 91604 Attn: Richard C. Slade, PG, CEG	L/CD	US Mail
California State Dept. of Health Services Radiologic Health Branch, MS 7610 P.O. Box 997414 Sacramento, CA 95899-7414 Attn: Mr. Gary Butner, Chief	L/CD	US Mail

	L = Letter E = Enclosure CD = Compact Disc	Mailing Classification
NASA/HQ/JE 300 East Street, S.W. Washington, DC 20546 Attn: Mr. M. Schoppet, Environmental Mgmt. Division	L	FedEx
NASA George C. Marshall Space Flight Center Mail Code: AS10 Marshall Space Flight Center, AL 35812 Attn: Mr. Allen Elliott	L/E/CD (2)	US Mail
Mr. Peter Zorba NASA/SSFL T436 5800 Woolsey Canyon Road Canoga Park, CA 91304	L/CD	Hand Delivered
Mr. Jerry Vincent Army Corps of Engineers 1325 J Street Sacramento, CA 95814-2922	L/CD	US Mail
Mr. Rick Viergutz Water Resources & Development Dept. Public Works Agency, County of Ventura 800 S Victoria Avenue Ventura, CA 93009	L/CD	US Mail
Ms. Laura Davis Haley & Aldrich 600 S. Meyer Avenue, Suite 100 Tucson, AZ 85701-2554	L/CD	US Mail

	L = Letter E = Enclosure CD = Compact Disc	Mailing Classification
Mountains Recreation and Conservation Authority 5750 Ramirez Canyon Road Malibu, CA 90265 Attn: Ms. Rorie Skei, Program Manager	L/CD	US Mail
Mr. Daniel Maccabee The American Jewish University Brandeis-Bardin Campus 1101 Peppertree Lane Brandeis, CA 93064-0001	L/CD (2)	US Mail
Mr. Ron Striegel 24690 Woolsey Canyon Road West Hills, CA 91304	L/CD	US Mail
California State University, Northridge Urban Archives Center Oviatt Library, Room 4 18111 Nordhoff Street Northridge, CA 91330	L/E	US Mail
Simi Valley Library 2969 Tapo Canyon Road Simi Valley, CA 93063 Attn: Sandi Banks	L/E	US Mail
Platt Branch Los Angeles Public Library 23600 Victory Blvd. Woodland Hills, CA 91367 Attn: Ms. Susan Bougetz	L/E	US Mail

Report on Annual Groundwater Monitoring, 2011

Santa Susana Field Laboratory
Ventura County, California

February 29, 2012

Prepared for:

THE BOEING COMPANY
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
UNITED STATES DEPARTMENT OF ENERGY

Prepared by:

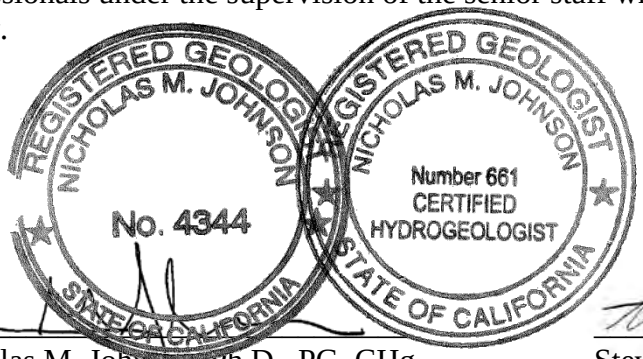
MWH Americas, Inc.
618 Michillinda Avenue, Suite 200
Arcadia, CA 91007

MWH

PROFESSIONAL CERTIFICATION
Annual Groundwater Monitoring Report
January 1 through December 31, 2011
Santa Susana Field Laboratory
Ventura County, California

February 2012

This Annual Groundwater Monitoring Report has been prepared by a team of qualified professionals under the supervision of the senior staff whose seal and signature appears below.



Nicholas M. Johnson, Ph.D., PG, CHg
Principal Hydrogeologist

Steven H. Reiners
Principal Engineer

Cheryl K. Yee
Professional Environmental Scientist

MWH

EXECUTIVE SUMMARY

This report summarizes the groundwater monitoring activities conducted during 2011 at the Santa Susana Field Laboratory (SSFL) located in Ventura County, California.

- Water quality samples were collected pursuant to the 2010 Modifications of the Post-Closure Permits (PCP; Department of Toxic Substances Control [DTSC], 2010a and 2010b), their associated Regulated Unit Water Quality Sampling and Analysis Plans (WQSAPs) (Haley & Aldrich, 2010b, 2010c) and the Site-Wide Monitoring Program (Haley & Aldrich, 2009b, 2010e).
- Scheduled 2011 samples for each sampling event were collected with exceptions identified in this report.
- Water level measurements were collected quarterly, and groundwater elevation contours for October 2011 were prepared and are presented in this report.
- Water quality samples were collected to support the Surficial Media Operable Unit (SMOU) Resource Conservation and Recovery Act (RCRA) Facility Investigations (RFI) and work for the Department of Energy (DOE) / Energy Technology Engineering Center (ETEC).
- Additional wells were purged to facilitate the collection of groundwater samples by HydroGeoLogic, Inc (HGL) for United States Environmental Protection Agency's (EPA) Area IV Radiochemistry Study.
- Well maintenance and equipment modifications were performed.
- Five new monitoring wells were constructed.
- Exceptions to the WQSAPs are summarized in this report.
- 2011 monitoring results under the regulated unit monitoring program warranted the addition of 1,2,3-trichloropropane to the contaminants of concern (COC) list at Engineering Chemistry Laboratory (ECL). No other 2011 results indicated a need for changes to the groundwater monitoring programs.
- A proposed statistical method was selected and applied to develop proposed concentration limits for the regulated units using data collected under the 2010 Modifications to the Post-Closure Permits (DTSC, 2010a, 2010b) from second quarter 2010 through fourth quarter 2011. The proposed statistical method, data evaluation, and resultant proposed concentration limits are presented in this report.
- Beginning in third quarter 2011, semi-annual sampling for the Regulated Unit Program was shifted by one calendar quarter in order to coincide with the Site-Wide Program sampling scheduled for calendar quarters 1 and 3.

TABLE OF CONTENTS

EXECUTIVE SUMMARY ES-1
1.0 INTRODUCTION 1-1
1.1 Site Description 1-1
1.2 Regulatory Background 1-1
1.3 Objectives 1-2
1.4 Report Organization 1-3
2.0 SITE GEOLOGY AND HYDROGEOLOGY 2-1
2.1 Geology 2-1
2.2 Hydrogeology 2-2
3.0 REPORTING PERIOD ACTIVITIES 3-1
3.1 Modifications to Well Network and Equipment 3-2
3.2 Water Level Gauging 3-3
3.3 Groundwater Sampling and Analysis 3-4
3.3.1 Post-Closure Permit Regulated Unit Groundwater Monitoring Program 3-5
3.3.2 Site-Wide Groundwater Monitoring Program 3-7
3.3.3 LUFT Program 3-7
3.3.4 Other Monitoring 3-7
3.4 Deviations from Water Quality Sampling and Analysis Plans 3-8
4.0 MONITORING RESULTS 4-1
4.1 Groundwater Elevations and Flow Conditions 4-1
4.2 Groundwater Quality 4-2
4.2.1 Quality Assurance and Quality Control 4-3
4.2.2 Groundwater Screening Reference Values 4-3
4.2.3 Areas of Impacted Groundwater 4-4
4.2.4 Regulated Unit Groundwater Monitoring Program 4-14
4.2.5 Analytical Results 4-16
5.0 2012 PLANNED ACTIVITIES 5-1
5.1 Outstanding Issues and/or Follow-up Work 5-2
6.0 REFERENCES 6-1

LIST OF TABLES

Table 1 List of Wells and Monitoring Programs, 2011
Table 2 Modifications to Well Network and Equipment, 2011
Table 3 Water Level Data, 2011
Table 4 Well Retrofits and Changes in Measuring Point Elevations
Table 5 Groundwater Field Parameter Data, 2011
Table 6 Samples Analyzed, 2011
Table 7 Monitoring Program Analyses, 2011
Table 8 Exceptions to the Water Quality Sampling and Analysis Plans, 2011
Table 9 Groundwater Screening Reference Values
Table 10 First-Time Detects, 2011
Table 11 New Maximum Concentrations, 2011
Table 12 Volatile Organic Compounds Analytical Results, 2011
Table 13 Semi-Volatile Organic Compounds Analytical Results, 2011
Table 14 Perchlorate Analytical Results, 2011
Table 15 Fuel Hydrocarbons Analytical, 2011
Table 16 Inorganic Constituents Analytical Results, 2011
Table 17 Hydrazines Analytical Results, 2011
Table 18 Radiochemistry Analytical Results, 2011
Table 19 Metals Analytical Results, 2011
Table 20 Dioxins and Furans Analytical Results, 2011
Table 21 Chlorinated Pesticides, Herbicides, and Polychlorinated Biphenyls Analytical Results, 2011
Table 22 Verification and Follow-up Sampling Results, 2011
Table 23 Proposed Verification and Follow-up Sampling, First Quarter 2012

LIST OF FIGURES

Figure 1 Facility Location Map
Figure 2 SSFL Geologic Map
Figure 3 Locations of Wells, Piezometers, and Seeps
Figure 4 Regulated Unit Program Monitoring Locations
Figure 5 Site-wide and LUFT Program Monitoring Locations
Figure 6 Groundwater Elevation Contour Map, October 2011
Figure 7 Extent of Trichloroethene in Groundwater, 2011
Figure 8 Extent of Tetrachloroethene in Groundwater, 2011
Figure 9 Extent of cis-1,2-Dichloroethene in Groundwater, 2011
Figure 10 Extent of trans-1,2-Dichloroethene in Groundwater, 2011
Figure 11 Extent of Vinyl Chloride in Groundwater, 2011
Figure 12 Extent of 1,1-Dichloroethene in Groundwater, 2011
Figure 13 Extent of 1,2-Dichloroethane in Groundwater, 2011
Figure 14 Extent of 1,1-Dichloroethane in Groundwater, 2011
Figure 15 Extent of 1,4-Dioxane in Groundwater, 2011
Figure 16 Extent of Carbon Tetrachloride in Groundwater, 2011
Figure 17 Extent of 1,2,3-Trichloropropane in Groundwater, 2011
Figure 18 Extent of Formaldehyde in Groundwater, 2011
Figure 19 Extent of Total Petroleum Hydrocarbons C4-C30 in Groundwater, 2011
Figure 20 Extent of N-Nitrosodimethylamine in Groundwater, 2011
Figure 21 Extent of Perchlorate in Groundwater, 2011
Figure 22 Extent of Nitrate-NO3 in Groundwater, 2011
Figure 23 Extent of Fluoride in Groundwater, 2011

LIST OF APPENDICES (provided electronically on disc)

Appendix A	Monitoring Well and Piezometer Construction Data
Appendix B	Precipitation Data and Seeps in Vicinity of WS-09A
Appendix C	Water Level Hydrographs
Appendix D	Time Series Plots of Analytical Data
Appendix E	Laboratory Analytical Reports
Appendix F	Quality Assurance Assessment
Appendix G	Development of Proposed Concentration Limits for Constituents of Concern at SSFL Regulated Units

LIST OF ACRONYMS AND ABBREVIATIONS

ABSP	Alfa-Bravo Skim Pond
APTF	Advanced Propulsion Test Facility
Boeing	The Boeing Company
BTV	Background Threshold Value
CAIM	Corrective Action Interim Measures
22 CCR	Title 22 California Code of Regulations
COC	Constituent of Concern
CTL	Components Test Laboratory
DCA	dichloroethane
DCE	dichloroethene
DOE	United States Department of Energy
DPH	California Department of Public Health
DRO	Diesel Range Organics
DTSC	California Department of Toxic Substances Control
ECL	Engineering Chemistry Laboratory
EPA	United States Environmental Protection Agency
ETEC	Energy Technology Engineering Center
Eu-152	Europium-152
FLUTe	Flexible Liner Underground Technologies, LLC
FSDF	Former Sodium Disposal Facility
GET	Groundwater Extraction and Treatment
GWRC	Groundwater Resources Consultants, Inc.
HGL	HydroGeoLogic, Inc.
K-40	Potassium-40
LUFT	leaking underground fuel tank
MCL	maximum contaminant level
MDA	minimum detectable activity
MDL	method detection limit
mrem/yr	millirems per year

LIST OF ACRONYMS AND ABBREVIATIONS (Continued)

mg/L	milligrams per liter
MSL	mean sea level
NASA	National Aeronautics and Space Administration
NDMA	n-nitrosodimethylamine
NL	notification level
NPDES	National Pollutant Discharge Elimination System
OCY	Old Conservation Yard
PCE	tetrachloroethene
pCi/L	picoCuries per liter
PCP	Post-Closure Permit
POC	point-of-compliance
QAPP	Quality Assurance Project Plan
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation
RI	Remedial Investigation
RMHF	Radioactive Materials Handling Facility
RWQCB	Regional Water Quality Control Board
SDWA	Safe Drinking Water Act
SSFL	Santa Susana Field Laboratory
SMCL	Secondary Maximum Contaminant Level
SMOU	Surficial Media Operable Unit
SPA	Storable Propellant Area
Sr-90	Strontium-90
STL	Systems Test Laboratory
STP	Sewage Treatment Plant
SWGW RBSL	site-wide groundwater risk-based screening level
TCE	trichloroethene
TPH	Total Petroleum Hydrocarbons
µg/L	micrograms per liter

LIST OF ACRONYMS AND ABBREVIATIONS (Continued)

U-233/234	Uranium-233/234
U-234	Uranium-234
U-235	Uranium-235
U-238	Uranium-238
VOC	volatile organic compound
WQSAP	Water Quality Sampling and Analysis Plan

1.0 INTRODUCTION

This report summarizes the groundwater monitoring activities conducted during 2011 at the Santa Susana Field Laboratory (SSFL) located in Ventura County, California (Figure 1).

1.1 SITE DESCRIPTION

The SSFL is located approximately 29 miles northwest of downtown Los Angeles, California, in the southeast corner of Ventura County (Figure 1). The SSFL occupies approximately 2,850 acres of hilly terrain, with approximately 1,100 feet of topographic relief near the crest of the Simi Hills. Figure 1 shows the geographic location and property boundaries of the site, as well as surrounding areas**.** The site is divided into four administrative areas (Areas I, II, III, and IV) and includes undeveloped land both to the north and south (Figure 1). Most of Area I and all of Areas III and IV are owned by The Boeing Company (Boeing). The United States Environmental Protection Agency (EPA) Identification Number for Areas I and III is CAD093365435. Area II is owned by the federal government and administered by the National Aeronautics and Space Administration (NASA) along with a portion of Area I. The EPA Identification Number for Area II is CA1800090010. Ninety acres of Area IV were leased to the United States Department of Energy (DOE), which also owns facilities in Area IV. The northern and southern undeveloped lands of SSFL were not used for industrial activities and are owned by Boeing.

1.2 REGULATORY BACKGROUND

This report is intended to fulfill the requirements of multiple regulatory programs being implemented at SSFL. These include requirements addressed in the Post-Closure Permit (PCP) monitoring programs (Regulated Unit Programs) for Areas I and III, and Area II approved by the California Environmental Protection Agency Department of Toxic Substances Control (DTSC), the Site-Wide Monitoring Program approved by DTSC, and the Leaking Underground Fuel Tank (LUFT) monitoring program overseen by DTSC. Specific requirements include performance of detection monitoring, evaluation monitoring, and interim corrective action monitoring as described in the SSFL PCPs and per the requirements of Title 22, California Code of Regulations

(22 CCR), Sections 66264.97 through 66264.99. The monitoring also complies with the Consent Order for Corrective Action issued on August 16, 2007 by DTSC (2007).

Hazardous Waste Facility PCPs (Permit numbers PC-94/95-3-02 for Areas I and III and PC-94/95-3-03 for Area II) (DTSC, 1995) were issued for the SSFL in 1995 to operate hazardous waste groundwater extraction, treatment, and monitoring systems at the facility, as well as maintenance of caps at closed impoundments. SSFL PCP modifications (Modification numbers MOD SC3-111904-A for Areas I and III and MOD SC3-111904-B for Area II) (DTSC, 2010a, 2010b) and their associated Regulated Unit Water Quality Sampling and Analysis Plans (WQSAPs) (Haley & Aldrich, 2010b, 2010c) were approved by the DTSC during first quarter 2010 and were put into effect for the second quarter 2010.

The Site-Wide Monitoring Program is prescribed by the Site-Wide WQSAP. A Draft Site-Wide WQSAP (Haley & Aldrich, 2009b) was submitted to DTSC in December 2009 and implemented in the third of quarter 2010 per DTSC request. Formal implementation of the December 2010 revision to the Site-Wide WQSAP (Haley & Aldrich, 2010e) occurred in the third quarter of 2011 following DTSC approval on June 6, 2011 (DTSC, 2011).

The content of this report is in compliance with the current permits (DTSC, 2010a, 2010b) and Regulated Unit WQSAPs (Haley & Aldrich, 2010b, 2010c), and the December 2010 Site-Wide WQSAP (Haley & Aldrich, 2010e).

1.3 OBJECTIVES

The objective of this report is to document compliance with requirements in the PCPs per 22 CCR, sections 66264.97 through 66264.99, the Site-Wide Monitoring Program, and the LUFT Program. The scope of this annual report includes the following:

- Executive summary of significant findings;
- Summary of monitoring programs and activities conducted during the calendar year;
- Summary of maintenance inspections of monitored wells;
- Summary of modifications made to monitoring equipment during the calendar year, if any;

- Summary of deviations from the WQSAPs, if any;
- Water level data, hydrographs and groundwater elevation contour maps;
- Discussion of significant events which may influence the occurrence and movement of groundwater;
- Summary of results of laboratory analyses of water samples;
- Electronic laboratory analytical reports and sample custody documents;
- Summary of the results of statistical evaluation, if any, of water chemistry data;
- Results of quality assurance/quality control sampling and analysis and assessment of data quality including accuracy, precision, and completeness;
- Contaminant plume maps with concentrations posted for the year for specific regulated units;
- Contaminant concentration versus time plots and a discussion of evident trends;
- Summary tables indicating monitoring parameter results that lie outside of historical range for each monitoring location;
- Summary of constituent concentrations at compliance wells for each regulated unit that exceed regulated unit-specific concentration limits (Note: This annual report scope element required by the 2010 Modified Post-Closure Permits will be performed and presented in the annual report that follows DTSC approval of the proposed concentration limits and proposed statistical method used to develop them.); and
- Summary of outstanding issues and/or follow-up work.

1.4 REPORT ORGANIZATION

The remainder of this report is organized as follows:

- Section 2.0 provides a description of the site geology and hydrogeology;
- Section 3.0 provides a summary of the activities performed during this reporting period;
- Section 4.0 presents the results of field work and analytical testing;
- Section 5.0 presents planned activities for 2012; and
- Section 6.0 presents the references.

2.0 SITE GEOLOGY AND HYDROGEOLOGY

2.1 GEOLOGY

SSFL is located in the Western Transverse Ranges physiographic province of southern California. The province's geology and physiography reflect at least 70 million years of geologic history. The sedimentary rocks in the portion encompassing SSFL range from coarse-grained conglomerates and sandstones to fine-grained siltstones and shales. The geologic history of the Western Transverse Ranges is complex and involves several distinct episodes of deformation involving tectonic extension, rotation, compression, and shearing. In the vicinity of SSFL, this has caused the Western Transverse Ranges to rotate more than 90 degrees clockwise. This complex geologic history is reflected in multiple fold, fault, and fracture orientations in the vicinity of SSFL.

The Chatsworth Formation underlies much of the province and is exposed across most of SSFL (Figure 2). It is a turbidic sandstone with interbedded shale, siltstone, and conglomerate approximately 6,000 feet thick and more than 65 million years old. As a result of geologic folding, the Chatsworth Formation dips moderately (typically 25°- 35°) to the northwest at SSFL, along the south limb of the Simi Valley syncline. Detailed geologic mapping in the site vicinity was performed to augment published geologic maps, resulting in the subdivision of the Chatsworth Formation into upper and lower units (MWH, 2009b). The lower formation is exposed in southeastern SSFL and dips northwest beneath the remainder of the site. The upper Chatsworth Formation is exposed across much of the remainder of the site and has been subdivided further into stratigraphic packages consisting of coarse- and fine-grained members. Numerous steeply dipping to near-vertical faults have offset this stratigraphy. Fault gouge and fracturing, ancillary to faults, are observed at some locations.

Unconsolidated deposits at SSFL include alluvium, artificial fill, and thin soils over bedrock. The alluvium generally consists of silty sand and occurs in topographic lows and along ephemeral drainages. Areas with 5 to 30 feet of alluvium cover more than 300 acres of SSFL, or about 11 percent of the site.

2.2 HYDROGEOLOGY

Groundwater occurs at SSFL in alluvium and weathered and unweathered bedrock (Montgomery Watson, 2000, MWH, 2009). First-encountered groundwater may be observed in any of these media under water table conditions. For regulatory purposes, near-surface groundwater is defined to occur within the site's unconsolidated deposits (e.g., alluvium) and shallow weathered bedrock, whereas deep groundwater, referred to as "Chatsworth Formation groundwater," occurs in the unweathered bedrock. The near-surface groundwater may be perched or vertically continuous with deeper groundwater.

The boundaries of the mountain groundwater system encompassing SSFL include where the Simi Hills meet the floor of the Simi and San Fernando valleys, and where groundwater tends to discharge to seeps and phreatophytes along several surrounding canyons. The base of the active groundwater flow system occurs at the boundary between fresh and connate groundwater, assumed to occur at approximately sea level. The upper boundary of the mountain groundwater flow system is the regional water table and localized perched water tables. Hydrogeologic boundaries internal to the groundwater flow system include areas of groundwater discharge to seeps and phreatophytes, pumped wells, and various boundary effects along faults and geologic contacts.

Portions of the Chatsworth Formation comprise locally transmissive aquifer units. These units generally consist of the fractured sandstone members of the upper Chatsworth Formation, many of which are several hundred feet thick. Separating the major sandstone units are a series of relatively thin shale and siltstone members that typically behave as aquitards.

The arrangement and geometry of the hydrogeologic units are controlled by geologic contacts, folding, and faulting. Faults truncate permeable zones and fractures, juxtapose different units and fold orientations, and form low-permeability boundaries and zones of enhanced fracturing. Together, these structures result in a complex three-dimensional distribution of hydrogeologic units and anisotropic permeability that influence directions and rates of groundwater flow. Major faults subdivide SSFL into several large blocks, which are further subdivided by shale beds.

The SSFL water table is a subdued reflection of the topography and therefore reflects a large groundwater mound, relative to the surrounding valleys, maintained by rainfall recharge. Groundwater head differentials are observed across fine-grained units and faults that impede flow. Groundwater moves from areas of recharge toward pumping wells and downward and outward toward hill slope seeps and more distant lowlands. The direction of vertical flow is downward at most site locations. Near-surface groundwater occurs in alluvium and weathered bedrock and may be perched or vertically continuous with Chatsworth Formation groundwater.

Further insight into the pattern of SSFL groundwater flow has been provided through the development and use of a representative three-dimensional groundwater flow model (MWH, 2009).

3.0 REPORTING PERIOD ACTIVITIES

The reporting period for this report covers the 2011 calendar year, beginning on January 1, 2011 and ending on December 31, 2011. Work performed during the 2011 annual reporting period is presented in this section.

During 2011, implementation of the groundwater monitoring program at SSFL fulfilled the requirements of multiple programs prescribed by the following:

- Regulated Unit Monitoring Program
  - 2010 Permit Modifications of the PCPs (DTSC, 2010a, 2010b)
  - 2010 Regulated Unit WQSAPs (Haley & Aldrich, 2010b, 2010c)
- Site-Wide Monitoring Program
  - December 2009 Draft Site-Wide WQSAP (Haley & Aldrich, 2009b)
  - December 2010 Site-Wide WQSAP (Haley & Aldrich, 2010e)
- LUFT program overseen by DTSC
- The Consent Order for Corrective Action issued on 16 August 2007 by DTSC (2007)

The following activities stipulated by the WQSAPs were conducted during the reporting period:

- Measurement of groundwater levels at all accessible program wells;
- Collection and submission of groundwater samples from select wells for laboratory analysis.

A list of wells and monitoring programs is presented in Table 1. Well, piezometer, and seep locations are shown on Figure 3. Regulated Unit Monitoring Program locations are shown on Figure 4 and Site-wide and LUFT Monitoring Program locations are shown on Figure 5. Well construction details are provided in Appendix A.

Additional groundwater monitoring was performed during the year for the following programs which are further described in Section 3.3.4:

- Groundwater samples were collected in support of the Surficial Media Operable Unit (SMOU) Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI), MECx, 2009; MWH, 2008; Ogden, 2000).
- Groundwater samples were collected from Area IV for the DOE and the Energy Technology Engineering Center (ETEC).
- Additional wells were purged to facilitate the collection of groundwater samples by HydroGeoLogic, Inc (HGL) for EPA's Area IV Radiochemistry Study.
- Seeps in the vicinity of WS-09A were inspected and pumped.

Field groundwater monitoring activities during the 2011 reporting period were performed under the direction and oversight of MWH with the exception of the well/piezometer equipment modification work performed by Haley & Aldrich. Field activities were conducted in general accordance with the WQSAPs for Areas I and III, and for Area II (Haley & Aldrich, 2010b, 2010c), and the Site-Wide WQSAP (Haley & Aldrich, 2009b, 2010e), with exceptions described in Section 3.4. Field personnel followed the sampling and analysis requirements described in the WQSAPs. MWH field personnel and subcontractors followed health and safety guidelines in MWH's SSFL Health and Safety Plan (MWH, 2010a).

3.1 MODIFICATIONS TO WELL NETWORK AND EQUIPMENT

Well maintenance, monitoring equipment modification, well installation and well development activities performed in 2011 are summarized in Table 2. Well and piezometer construction details are provided in Appendix A. Flexible Liner Underground Technologies (FLUTe) multilevel system and Westbay multilevel system construction details also are presented in Appendix A. Monitored wells were inspected for maintenance needs during each monitoring event in 2011.

Five new wells were constructed during the 2011 reporting period as part of the implementation of the Groundwater Remedial Investigation Data Gap Sampling and Analysis Plan (MWH, 2010b). Construction of wells RD-99, RD-100, RD-102, RD-103, and RS-36 was completed as indicated in Table 2. Well development was also completed at these five wells. These new wells are scheduled to be sampled in the first quarter 2012 for the Groundwater Remedial Investigation (RI) Program.

Well RS-35, which was installed in 2010, continued to contain insufficient water for development and subsequent sampling during 2011, so well development was deferred for re-evaluation in 2012 if sufficient water is present.

Regulated Unit wells were retrofitted in 2010 to allow low-flow sampling to be performed beginning in the second quarter of 2010. Information regarding the Regulated Unit retrofit and well construction are presented in the Summary of the Regulated Unit Groundwater Monitoring Programs Retrofit and Well Construction (Haley & Aldrich, 2010d).

Site-Wide wells were retrofitted from 2010 through 2011 to allow low-flow sampling to be performed beginning in the second quarter of 2011. Additional low-flow retrofitting activities were completed in the second and third quarters to complete the Site-Wide wells. One well, RD-34B, could not be retrofitted; a partial obstruction was noted at approximately 167 feet below the top of casing and after multiple failed attempts to install a dedicated bladder pump, it was recommended that the well be removed from the Site-Wide monitoring program (Boeing, 2011d). Information regarding the Site-Wide retrofit is presented in the Site-Wide Low-Flow Implementation Summary (Haley & Aldrich, 2011).

Low-flow well retrofits and resulting changes in measuring point elevations are presented in Table 4.

3.2 WATER LEVEL GAUGING

Static water levels were gauged quarterly at all accessible program wells. Depths to water were measured from the top of each well casing. Conditions of the well (e.g., loose caps, damaged casing) were recorded in field logs. Wells were gauged using an electronic water-level meter. Portions of the cable and meter or probe that were in contact with groundwater were decontaminated before use at each well.

Water level measurements for the year are summarized below and in Table 3. Notes to Table 3 list reasons why wells were not gauged.

Quarter	Gauging Period	Number of Wells Scheduled for Gauging	Number of Wells Not Gauged
1	1/10/2011 – 2/7/2011	345	13
2	4/4/2011 – 4/15/2011	345	15
3	6/30/2011 – 7/29/2011	344	15
4	10/10/2011 – 10/13/2011	285	11

3.3 GROUNDWATER SAMPLING AND ANALYSIS

Monitoring wells are scheduled to be sampled quarterly, semi-annually, or annually in accordance with the WQSAPs. Beginning in third quarter 2011, semi-annual sampling for the Regulated Unit Program was shifted by one calendar quarter in order to coincide with the Site-Wide Program sampling scheduled for calendar quarters 1 and 3 (Boeing, 2011b). Groundwater samples were collected from January 12 through February 10, 2011 for the first quarter, from April 6 through June 3, 2011 for the second quarter, and on June 30 and July 11 through August 11, 2011 for the third quarter. Two locations (RD-40 and RD-42) were sampled early for the third quarter event on June 30, 2011 to accommodate site access limitations to the Coca Area. No samples were scheduled for collection in the fourth quarter due to the Regulated Unit Program schedule shift.

Groundwater samples were collected for the following monitoring programs during the 2011 reporting period:

- Regulated Unit Monitoring Program – first through third quarters
    - 2010 Modified Post-Closure Permits (DTSC, 2010a, 2010b)
    - Regulated Unit WQSAPs (Haley & Aldrich, 2010b, 2010c)
- Site-Wide Water Quality Monitoring Program
    - December 2009 Draft Site-Wide WQSAP (Haley & Aldrich, 2009b) – first quarter
    - December 2010 Site-Wide WQSAP (Haley & Aldrich, 2010e) – third quarter;
- LUFT program – first and third quarters
- Characterization efforts conducted at SSFL for the SMOU RFI (MECx, 2009; MWH, 2008; Ogden, 2000) – first through third quarters
- Area IV sampling for the DOE and the ETEC – first through third quarters
- Additional wells were purged to facilitate the collection of groundwater samples by HGL for EPA's Area IV Radiochemistry Study – March and April 2011

Groundwater field parameters collected during purging prior to sample collection are presented in Table 5. Groundwater samples analyzed in 2011 per the WQSAPs as well as samples for other characterization efforts in progress at SSFL that were conducted during the year are presented in Table 6 and analytical methods are presented in Table 7.

Additional equipment decontamination steps (methanol and nitric acid rinse steps) called for by EPA's Quality Assurance Project Plan (QAPP) (HGL, 2010) were performed at wells purged using non-dedicated equipment and from which samples were collected for both the Site-Wide Monitoring Program and EPA's Area IV Radiochemistry Study. These additional equipment decontamination steps were also implemented at wells purged only to facilitate sample collection for EPA's study.

Beginning in third quarter 2010, radiochemistry analyses (except for tritium) of Site-wide program and other groundwater samples were performed using a methodology different than in previous sampling events. This new approach was described in EPA's Area IV Radiochemistry Study QAPP (HGL, 2010) and was followed so that the Site-wide program results would be more directly comparable to EPA's results. In short, this approach involves filtering at the laboratory followed by separate analysis of the liquid filtrate and the solid residue captured by the filter. Each of the results has its own associated error and minimum detectable activity (MDA).

3.3.1 Post-Closure Permit Regulated Unit Groundwater Monitoring Program

The PCP regulated unit monitoring program locations are presented in Table 1. There are a total of nine regulated unit surface impoundments at SSFL: Advanced Propulsion Test Facility (APTF)-1, APTF-2, Engineering Chemistry Laboratory (ECL), Systems Test Laboratory (STL)-IV-1, and STL-IV-2 in Areas I and III and Alfa-Bravo Skim Pond (ABSP), Delta, Storage Propellant Area (SPA)-1, and SPA-2 in Area II. The regulated unit surface impoundments and the PCP regulated unit program monitoring locations are shown on Figure 4. The PCP regulated unit monitoring program (DTSC, 2010a, 2010b) includes 124 wells.

The PCP regulated unit monitoring program includes the Evaluation Monitoring Program, Detection Monitoring Program, and Corrective Action Interim Measures (CAIM) Program.

3.3.1.1 Detection Monitoring Program

Under the Detection Monitoring Program for each regulated unit, wells are designated as Detection, Point of Compliance (POC), and/or Background wells. These wells are selected to monitor for indications of a release from the regulated unit, the quality of groundwater passing a designated POC, and the quality of groundwater not affected by releases from the regulated unit, respectively.

Groundwater water quality samples were collected for the PCP Detection Monitoring Program for analysis of the following:

- Regulated-Unit-specific constituents of concern (COCs) at detection, POC, and background monitoring wells quarterly for at least one year beginning in second quarter 2010 (then semi-annually thereafter at detection and POC wells and annually thereafter in background wells);
- Background parameters at detection and background monitoring wells quarterly for at least one year beginning in second quarter 2010 (then annually thereafter); and
- Appendix IX constituents at POC monitoring wells annually.

3.3.1.2 Evaluation Monitoring Program

Evaluation Monitoring points are selected to monitor potential changes in groundwater quality resultant of releases from the regulated unit. Under the Evaluation Monitoring Program, wells are designated as Evaluation Monitoring wells, or Evaluation Monitoring – Affected Media wells.

Groundwater water quality samples were collected for the PCP Evaluation Monitoring Program for analysis of the following:

- Regulated-Unit-specific COCs quarterly for at least one year beginning in second quarter 2010 (then semi-annually thereafter); and
- Appendix IX constituents at wells designated in the affected media annually.

3.3.1.3 Corrective Action Interim Measures Program

The PCP CAIM Program specifies that groundwater samples are to be collected semi-annually from designated CAIM wells that are currently connected to a treatment system, and analyzed for all Regulated Unit COCs. Only one CAIM extraction well at SSFL, WS-09A, was connected to a treatment system and active during the year.

3.3.2 Site-Wide Groundwater Monitoring Program

The Site-Wide Monitoring Program as implemented under the December 2009 Draft Site-Wide WQSAP starting in third quarter 2010 at DTSC's request included 82 wells for sampling and analysis and 281 locations for water level monitoring (Haley & Aldrich, 2009b). The Site-Wide Monitoring Program as implemented under the December 2010 Site-Wide WQSAP started in third quarter 2011 includes 99 wells for sampling and analysis and 283 locations for water level monitoring (Haley & Aldrich, 2010e). The Site-Wide Groundwater Monitoring Program locations are presented in Table 1 and Figure 5.

3.3.3 LUFT Program

The LUFT monitoring program locations are presented in Table 1 and Figure 5. The LUFT monitoring program includes 14 wells.

3.3.4 Other Monitoring

SMOU RFI

During the 2011 reporting period, 24 locations were sampled in support of ongoing SMOU RFI program characterization efforts.

Area IV

Groundwater samples were collected for the analysis of radionuclide activities from one Area IV well, RD-98, for the DOE and the ETEC during the 2011 reporting period.

Seeps in the Vicinity of WS-09A

Seeps FDP-881, FDP-882, and FDP-890 in the vicinity of WS-09A were inspected and pumped periodically during the year (status reports are presented in Appendix B). To help mitigate groundwater emergence at these three seeps, groundwater was extracted from WS-09A, treated

at the Area I Groundwater Extraction and Treatment (GET) System, and disposed on site at Outfall 19. Area I GET System treatment activities are reported under the Discharge Monitoring Reports for the SSFL National Pollutant Discharge Elimination System (NPDES) Outfalls under NPDES Permit No. CA-0001309.

3.4 DEVIATIONS FROM WATER QUALITY SAMPLING AND ANALYSIS PLANS

Exceptions to the WQSAPs are presented in Table 8. Exceptions include wells not sampled due to lack of water present, wells containing insufficient water for sampling, well or equipment damage/malfunction, or access restrictions; incomplete analyses; stabilization parameters not collected at fixed intervals; initial purge volume not met before stabilization parameters collected; sample rate differing from purge rate; and QAPP requirements not met. No exceptions other than those listed in Table 8 occurred in 2011.

4.0 MONITORING RESULTS

This section provides a review of 2011 groundwater levels, and groundwater quality results and trends. Historical data were summarized in previous reports by Groundwater Resources Consultants (GWRC, 2000), Haley & Aldrich (2001 through 2009a, 2010a) and MWH (2011a, 2011b).

4.1 GROUNDWATER ELEVATIONS AND FLOW CONDITIONS

Water level elevations for 2011 are presented in Table 3. Discrete depth-interval water level data from Westbay- and FLUTe-equipped wells were collected using pressure transducers and dataloggers, and are also included in Table 3. Water level hydrographs are provided in Appendix C. Events which may influence the occurrence and movement of groundwater include precipitation and groundwater extraction. Annual precipitation data and status reports for pumping in the vicinity of WS-09A are presented in Appendix B.

Figure 6 presents contours of first-encountered, non-perched groundwater elevations, as determined from water levels measured during the fourth quarter of 2011 (during October). Wells and piezometers that typically monitor perched groundwater were identified in the Groundwater RI Report (MWH, 2009). Additional information that helped constrain the contouring included topography; the approximate elevations of identified seeps and springs; historical water level data for wells and piezometers not gauged during the fourth quarter of 2011; and the understanding that groundwater level discontinuities coincide with certain fault segments and other geologic structures.

Similar maps presented in older reports were constructed using water levels only from wells completed in the Chatsworth Formation (and the shallowest of such wells in the case of well clusters). However, non-perched groundwater encountered in a majority of SSFL shallow wells is understood to form a continuous zone of saturation with deeper groundwater encountered in the Chatsworth Formation. The map presented in the current report is based on a modified

approach intended to provide an improved representation of the upper surface of non-perched groundwater.

Non-perched groundwater elevations measured in SSFL monitoring wells during the fourth quarter of 2011 ranged from approximately 1,225 feet above mean sea level (MSL) at well RD-75 to about 1,894 feet above MSL at well RD-42 (Table 3, Figure 6). Groundwater levels in Chatsworth Formation wells were generally higher during the fourth quarter 2011 than during the fourth quarter 2010 (MWH, 2011a; Appendix C), in part because of greater precipitation during the 2010-2011 water year (Appendix B).

The groundwater elevation contour map is provided to satisfy, in part, the requirements of 22 CCR, section 66264.97 for determining groundwater flow rates and directions. A groundwater elevation contour map can be used in simple hydrogeologic settings to depict variations in the elevation of the water table surface, which can in turn be used to interpret apparent relative directions of groundwater flow. However, the groundwater elevation contours depicted in Figure 6 are not used to infer groundwater flow directions or rates of groundwater movement due to the hydrogeologic complexities at SSFL as described in Section 2.2. Estimates of groundwater flow rates and three-dimensional groundwater flow directions from areas within SSFL were made and are presented in the Groundwater RI Report (MWH, 2009).

4.2 GROUNDWATER QUALITY

Water quality results for groundwater samples are tabulated in Tables 10 through 22. Time series plots of analytical data for COCs identified in the Regulated Unit PCPs (DTSC, 2010a, 2010b) and the Site-Wide Monitoring Program (Haley & Aldrich, 2010e) are provided in Appendix D. Time series plots of analytical data presented in Appendix D include results through 2011 for principle COCs identified in the PCPs (DTSC, 2010a, 2010b) and common to all Regulated Units, and constituents monitored under the Site-wide Monitoring Program (Haley & Aldrich, 2010e). Plots are not presented for COCs ammonia, xylenes, and total petroleum hydrocarbons (TPH); COCs specific to particular Regulated Units; and radiochemistry, metals, and dioxin and furan constituents, which are specific to the Site-wide

Monitoring Program. Obvious new trends of chemical concentrations in groundwater during 2011 were not visually evident in these time series plots.

Constituents detected for the first time in groundwater sampled from individual locations are presented in Table 10. Constituents previously detected in groundwater sampled from a particular location and reported at new maximum concentrations are presented in Table 11. Aside from these exceptions, the analytical results were within historical ranges (GWRC, 2000; Haley & Aldrich, 2001 through 2010a; MWH, 2003, 2011a). Analytical results that triggered permit-required re-sampling are discussed below in Section 4.2.4.4 and results are presented in Table 22.

Chemical concentration data from the 2011 reporting period are posted on chemical extent maps showing areas of impacted groundwater for 17 chemicals on Figures 7 through 23. These chemicals were selected for mapping because they are COCs in the PCP Regulated Unit Monitoring Program and/or the Site-Wide Monitoring Program, and were selected for presentation on chemical extent maps in the Groundwater RI Report (MWH, 2009).

4.2.1 Quality Assurance and Quality Control

Laboratory analytical reports for the 2011 reporting period are provided in Appendix E and the quality assurance assessment is presented in Appendix F. Per the WQSAPs, the quality assurance assessment provides an assessment of data quality including accuracy, precision, and completeness. The quality assurance assessment also includes results of the data validation process, and a summary of the field sampling and analytical program, data management review procedure, and data verification process.

4.2.2 Groundwater Screening Reference Values

Groundwater sampling results for individual chemicals are compared to screening values for discussion purposes based on the following descending order of priority:

- Site-specific values developed by DTSC (i.e., groundwater comparison concentrations for metals) (listed as SSFL Comparison in report tables);
- Isotope-specific activity limits for individual beta/photon emitters based on the effective dose equivalent of 4 millirems per year (mrem/yr) (Federal Register, 2000a);

- Primary Maximum Contaminant Levels (MCLs) established by the EPA and promulgated by the Safe Drinking Water Act (SDWA), and by the California Department of Public Health (DPH) promulgated by 22 CCR, sections 64431 through 64449 and 64672 (Regional Water Quality Control Board [RWQCB], 2008; DPH, 2008) (listed as Primary MCL and Cal MCL in report tables);
- Notification Levels (NL) established by the California DPH (RWQCB, 2008; DPH, 2010);
- Secondary Maximum Contaminant Levels (SMCLs) which address aesthetics, such as taste and odor (RWQCB, 2008; DPH, 2006) (listed as Secondary MCL in report tables);
- Taste and Odor Threshold (RWQCB, 2008) (listed as Taste/Odor in report tables); and
- Site-specific values developed for SSFL using risk assessment procedures assuming direct ingestion of groundwater (listed as SWGW RBSL [site-wide groundwater risk-based screening level] in report tables).

In some cases where more than one value is available for a chemical and a lower value is lower on the above priority list, the lower value is used to be more conservative. When EPA and California DPH values for MCLs differ, the lower value is used. In cases where the SMCL is lower than the Primary MCL, the SMCL is used.

The methodology used to develop the risk-based screening values for chemicals that are not metallic elements and where there are no agency-published values is described in a technical memorandum included in Appendix 7-C of the Groundwater RI Report (MWH, 2009). Groundwater screening reference values are presented in Table 9.

4.2.3 Areas of Impacted Groundwater

Chemical concentration data from the 2011 reporting period are posted on chemical extent maps showing areas of impacted groundwater for 17 chemicals on Figures 7 through 23. These chemicals were selected for mapping because they are COCs in the PCP Regulated Unit Monitoring Program and/or the Site-Wide Monitoring Program, generally exhibit more than solitary spatially isolated detects, and were presented on chemical extent maps in the Groundwater RI Report that were based on a comprehensive site-wide evaluation of their extent in groundwater.

Chemicals selected for presentation on maps of areas of impacted groundwater in the Groundwater RI Report were comprised of chemicals detected at concentrations exceeding screening values at five or more locations in recent data (recent data set defined as third quarter 2007 through second quarter 2008) and chemicals detected at concentrations exceeding screening values at five or more locations historically (through second quarter 2008), but not in recent data due to limited sample coverage in recent data. Chemicals with concentrations historically exceeding screening values at five or more locations but having adequate sampling coverage in recent data to indicate the chemical is no longer present at concentrations above the screening value (e.g., 1,1,1-trichloroethane, chloroform, and benzene) were not included. Chemicals that are common laboratory contaminants (e.g., methylene chloride and bis(2-ethylhexyl)phthalate) and those that are naturally occurring and for which there is no known site-related anthropogenic source (e.g., sulfate) were also not included, even if they had concentrations exceeding screening values at five or more locations. The chemical extent maps in the Groundwater RI Report were developed based on a comprehensive site-wide evaluation of the historical groundwater data, and serve as a baseline from which to evaluate whether the more recent monitoring results differently constrain the chemical extent boundaries. These chemicals generally have more than solitary spatially isolated detects where their spatial distribution warrants preparation of a plume map.

The 2011 analytical results were evaluated to identify any additional chemicals for which a chemical extent map was warranted according to the criteria used in the Groundwater RI Report. No additional chemicals were identified for generation of a chemical extent map.

Areas of impacted groundwater from the Groundwater RI Report (MWH, 2009) form the basis of those shown in the chemical extent maps in this report. Adjustments to the areas of impacted groundwater are made each year as new data is collected. The chemical extent boundaries for each chemical are defined by the groundwater screening reference values listed in Table 9. The maximum concentrations at each location from samples collected in 2011 are posted for each chemical and the locations are color-coded to indicate whether the result exceeded the screening value, was detected below the screening value, or was not detected. For locations that were not

sampled in 2011, the most recent historical result is posted along with the date the sample was collected.

The "screening value" isoconcentration lines for chemicals in groundwater depicted on Figures 7 through 23 are based on both current and historical sampling results as well as professional judgment, particularly for chemicals that are transformation or daughter products from either the biological or abiotic decay of a parent (e.g., cis-1,2-dichloroethene [DCE] produced from the biological transformation of trichloroethene [TCE]). The isoconcentration contour of the screening value is intended to represent an interpretation of the outer limit of impacted groundwater in plan view based on all data available, and not just to depict the chemical extent based on a specific dataset for a given reporting period.

The areas of impacted groundwater for each of the chemicals plotted have been adjusted based on results from 2011 as follows:

Trichloroethene (Figure 7)

- A new area of impacted groundwater at Old Conservation Yard (OCY) was added due to re-exceedance of the screening value (5 micrograms per liter [µg/L]) at RD-14 at a concentration of 5.9 µg/L. Concentrations of TCE previously exceeded the screening value at RD-14 in historical data, with the last exceedance occurring in March 1992 and subsequent results detected below the screening value.
- The 'ECL' area of impacted groundwater was reduced on the northwest due to decreased concentrations of TCE at SH-07 to levels below the screening value. TCE was detected below the screening value at SH-07 during the three 2011 sampling events.
- The 'Northwest' area of impacted groundwater was reduced on the northeast due to TCE concentrations below the screening value at RD-07. TCE was detected below the screening value at RD-07 during 2010 and 2011.

Tetrachloroethene (PCE) (Figure 8)

- The 'Northeast Central' area of impacted groundwater was removed due to decreased concentrations of PCE below the screening value (5 µg/L) at RD-77, HAR-25, and HAR-04. PCE was not detected or was detected below the screening value at RD-77 during 2010 and 2011. PCE was detected below the screening value at HAR-25 during 2010 and 2011. PCE was not detected at HAR-04 during 2011 and was detected below the screening value in 2010.

- The 'Bravo' area of impacted groundwater was removed due to decreased concentrations of PCE at HAR-19 to levels below the screening value. PCE was not detected at HAR-19 during 2010 and 2011.
- The 'ECL' area of impacted groundwater was reduced on the northwest due to decreased concentrations of PCE at SH-07 to levels below the screening value, and to the southeast due to decreased concentrations at SH-03, SH-02, and SH-09. PCE was detected below the screening value at SH-07 and SH-02 during 2010 and 2011. PCE was detected below the screening value at SH-03 during the two events it was sampled in 2011. PCE was not detected or was detected below the screening value at SH-09 during 2010 and 2011.

cis-1,2-Dichloroethene (Figure 9)

- A new area of impacted groundwater was added at PZ-147 near Ash Pile and B515 due to a first time exceedance of the screening value (6 µg/L) at PZ-147. Samples from PZ-147 were not previously analyzed for cis-1,2-DCE. Cis-1,2-DCE was not detected in nearby wells.
- The 'Central Southwest' area of impacted groundwater was reduced on the west due to decreased concentrations of cis-1,2-DCE at RD-58A to levels below the screening value. Cis-1,2-DCE was detected below the screening value during 2010 and 2011.
- The 'Compound A North' area of impacted groundwater was extended to the northwest due to a first time exceedance of the screening value at RS-15, which was sampled seven previous times between 1990 and 1998 without detection of cis-1,2-DCE in any of the samples.
- The ' Former Sodium Disposal Facility (FSDF)' area of impacted groundwater was extended to the northeast due to re-exceedance of the screening value at RS-18 at a concentration of 12J µg/L. Concentrations of cis-1,2-DCE at RS-18 previously exceeded the screening value only in historical data with the last occurring in August 2005 and subsequent results detected below the screening value.

trans-1,2-Dichloroethene (Figure 10)

- A new area of impacted groundwater was added at RD-56A due to re-exceedance of the screening value (10 µg/L) at RD-56A at a concentration of 12 µg/L. Concentrations of trans-1,2-DCE at RD-56A previously exceeded the screening value only in historical data with the last exceedance occurring in May 2004.
- The 'Delta' area of impacted groundwater was reduced on the northwest due to decreased concentrations of trans-1,2-DCE at HAR-27 to levels below the screening value. Trans-1,2-DCE was not detected or was detected below the screening value at HAR-27 during third and fourth quarters 2010 and 2011.
- The 'Group 9 South' area of impacted groundwater was reduced on the north due to decreased concentrations of trans-1,2-DCE at WS-09A to levels below the screening value. Trans-1,2-DCE was detected below the screening value at WS-09A during the three events it was sampled in 2011.

Vinyl Chloride (Figure 11)

- No adjustments to the area of impacted groundwater were required.

1,1-Dichloroethene (Figure 12)

- A new area of impacted groundwater at Bowl was added due to re-exceedance of the screening value (6 µg/L) at RD-02 at a concentration of 6.4J µg/L. Concentrations of 1,1-DCE previously exceeded the screening value at RD-02 only in historical data with the last exceedance occurring in January 1986 and subsequent results detected below the screening value.
- The area of impacted groundwater at Alfa was reduced on the west due to decreased concentrations of 1,1-DCE at RD-49A to levels below the screening value. 1,1-DCE was detected below the screening value at RD-49A in third and fourth quarters 2010 and 2011.
- The 'Bravo' area of impacted groundwater was reduced on the east due to decreased concentrations of 1,1-DCE at HAR-19 to levels below the screening value, and on the northwest due to decreased concentrations at HAR-14. At HAR-19, 1,1-DCE was detected below the screening value during 2010 and 2011. At HAR-14, 1,1-DCE was not detected or was detected below the screening value in 2010 and 2011.
- The 'ECL' area of impacted groundwater was reduced on the northwest due to decreased concentrations of 1,1-DCE at SH-07 to levels below the screening value. 1,1-DCE was detected below the screening value in 2010 and 2011.
- The 'FSDF' area of impacted groundwater was extended to the northeast due to re-exceedance of the screening value at RS-18 at a concentration of 120J µg/L. Concentrations of 1,1-DCE at RS-18 previously exceeded the screening value only in historical data with the last exceedance occurring in February 2006 and subsequent results detected below the screening value.

1,2-Dichloroethane (Figure 13)

- The 'ECL' area of impacted groundwater was reduced on the northwest due to decreased concentrations of 1,2-dichloroethane (DCA) at SH-07 to levels below the screening value (0.5 µg/L). 1,2-DCA was not detected in 2010 and 2011.
- The 'FSDF' area of impacted groundwater was reduced on the northeast due to decreased concentrations of 1,2-DCA at RD-91 and RD-65 to levels below the screening value. 1,2-DCA was not detected at RD-91 during the last two events it was sampled, in 2009. At RD-65, 1,2-DCA was not detected or detected below the screening value in the last two events it was sampled, in 2009 and 2010.

1,1-Dichloroethane (Figure 14)

- The 'ECL' area of impacted groundwater was reduced on the northwest due to decreased concentrations of 1,1-DCA at SH-07 to levels below the screening value (5 µg/L). 1,1-DCA was not detected or detected below the screening value at SH-07 in 2010 and 2011.
- The 'FSDF' area of impacted groundwater was extended to the northeast due to re-exceedance of the screening value at RS-18 at a concentration of 52J µg/L. Concentrations of 1,1-DCA at RS-18 previously exceeded the screening value only in historical data with the last exceedance occurring in February 2006 and subsequent results detected below the screening value.
- The 'STL-IV' area of impacted groundwater was removed due to decreased concentrations of 1,1-DCA at ES-17 and HAR-18 to levels below the screening value. At ES-17, 1,1-DCA was not detected in 2010 and 2011. At HAR-18, 1,1-DCA was detected below the screening value the last time it was sampled in 2010 and in 2009.

1,4-Dioxane (Figure 15)

It should be noted that the screening value for 1,4-dioxane has been lowered from 3 µg/L to 1 µg/L since the time the Groundwater RI Report was prepared. The 1,4-dioxane areas of impacted groundwater from the Groundwater RI Report used the old screening value whereas the adjusted chemical extent boundaries in the 2010 Annual Report and in this report use the new screening value.

- The 'Northeast' area of impacted groundwater was extended to the northeast due to a first time exceedance of the screening value at RD-39A at a concentration of 3.2 µg/L. All previous 1,4-dioxane results collected from RD-39A were non-detects with detection limits greater than the screening value, so this result further refines the location of the chemical extent boundary.
- The area of impacted groundwater in the northeast off-site area was removed due to decreased concentrations of 1,4-dioxane at RD-32 and RD-43B to levels below the screening value. At RD-32, 1,4-dioxane was not detected in 2011. At RD-43B, 1,4-dioxane was not detected in third quarter 2010 and 2011.
- A new area of impacted groundwater at Area I Landfill was added due to first time exceedance of the screening value at RD-78 at a concentration of 11 µg/L. All previous 1,4-dioxane results collected from RD-78 were non-detects with detection limits above the screening value.
- A new area of impacted groundwater north of Components Test Laboratory (CTL-III) was added due to a first time exceedance of the screening value at ES-01 at a concentration of 1.2J µg/L. All previous 1,4-dioxane results collected from ES-01 were non-detects with detection limits above the screening value, so this result further refines the known chemical extent of 1,4-dioxane in groundwater at the site.

- A new area of impacted groundwater at Ash Pile and B515 Sewage Treatment Plant (STP) was added due to first time exceedances of the screening value at RD-09 and PZ-146 at concentrations of 1.2J µg/L and 1J µg/L, respectively. 1,4-dioxane was previously detected below the screening value at RD-09 with the last sample collected for 1,4-dioxane in 2010. PZ-146 was sampled for 1,4-dioxane for the first time in 2011.
- The 'Bravo/Alfa' area of impacted groundwater was extended on the northeast due to a first time exceedance of the screening value at PZ-154 at a concentration of 11 µg/L. All previous 1,4-dioxane results collected from PZ-154 were non-detects with detection limits above the screening value, so this result further refines the location of the chemical extent boundary.
- The area of impacted groundwater at the previous VOC (Volatile Organic Compound) Detection Area was removed due to decreased concentrations of 1,4-dioxane at RD-05A, RD-05B, and RD-05C to levels below the screening value. At all three locations, 1,4-dioxane was not detected in 2011 nor in the last event they were sampled in 2010.
- The 'ECL' area of impacted groundwater was extended to the southeast due to a first time exceedance of the screening value at RD-12 at a concentration of 1.1J µg/L. All previous 1,4-dioxane results collected from RD-12 were non-detects with detection limits above the screening value, so this result further refines the chemical extent boundary.
- The area of impacted groundwater at Delta was extended to the southwest due to a first time exceedance of the screening value at HAR-08 at a concentration of 1.1J µg/L. 1,4-Dioxane was previously detected below the screening value at HAR-08, with the last sample collected for 1,4-dioxane in 2010.
- The 'STL-IV' area of impacted groundwater was reduced on the southwest due to decreased concentrations of 1,4-dioxane at RD-58C to levels below the screening value. 1,4-dioxane was not detected in 2011 nor in the last event it was sampled in 2010.
- The 'Compound A' and 'STL-IV' areas of impacted groundwater were extended to the west and northeast, respectively, to connect into one area of impacted groundwater due to first time exceedances of the screening value at HAR-33 and ES-17 at concentrations of 1.1J µg/L and 2.3 µg/L, respectively. 1,4-dioxane was previously detected below the screening value at both HAR-33 and ES-17.
- A new area of impacted groundwater at Radioactive Materials Handling Facility (RMHF) was added due to a first time exceedance of the screening value at RD-63 at a concentration of 1.2J µg/L. All previous 1,4-dioxane results collected from RD-63 were non-detects with detection limits above the screening value, so this result further refines the known chemical extent of 1,4-dioxane in groundwater at the site.

Carbon Tetrachloride (Figure 16)

- The 'SPA' area of impacted groundwater was reduced on the east due to decreased concentrations of carbon tetrachloride at HAR-13 to levels below the screening value (0.5 µg/L). Carbon tetrachloride was not detected or detected below the screening value at HAR-13 during 2010 and 2011.

- The 'ECL' area of impacted groundwater was reduced on the northwest due to decreased concentrations of carbon tetrachloride at SH-07 to levels below the screening value. Carbon tetrachloride was not detected at SH-07 during 2010 and 2011.

1,2,3-Trichloropropane (Figure 17)

- A new area of impacted groundwater at CTL-III was added due to a first time exceedance of the screening value (0.005 µg/L) at RD-46A at a concentration of 0.02 µg/L. 1,2,3-trichloropropane was previously not detected or detected below the screening value at RD-46A. RD-46A was last sampled for 1,2,3-trichloropropane in December 2009 and was not detected, and 1,2,3-trichloropropane was last detected in November 2005.
- The 'APTF' area of impacted groundwater was removed due to decreased concentrations of 1,2,3-trichloropropane at HAR-16 to levels below the screening value. 1,2,3-trichloropropane was not detected at HAR-16 in 2010 and 2011.

Formaldehyde (Figure 18)

- The 'Bravo/Alfa' area of impacted groundwater was removed due to decreased concentrations of formaldehyde at RD-49A, RD-49B, RD-49C, RD-04, and WS-09A to levels below the screening value (100 µg/L). Formaldehyde was not detected or detected below the screening value at these locations for all samples collected from 2008 through 2011.
- The 'Coca' area of impacted groundwater was removed due to decreased concentrations of formaldehyde at RD-41B to levels below the screening value. Formaldehyde was not detected at RD-41B in the most recent sampling event in 2010 and was not detected or detected below the screening value in 2008 and 2009.
- The 'STL-IV' area of impacted groundwater was removed due to decreased concentrations of formaldehyde at RD-58B to levels below the screening value. Formaldehyde was not detected in 2010 and 2011 and was not detected or detected below the screening value in 2008 and 2009.

Total Petroleum Hydrocarbons C4-C30 (Figure 19)

- A new area of impacted groundwater was added at CTL-III due to a first time exceedance of the screening value at RD-46A at a concentration of 190J µg/L (C8-C30). TPH was not detected at RD-46A in 2010 and this location was not sampled for TPH prior to 2010, so this result further refines the known chemical extent of TPH in groundwater at the site.
- A new area of impacted groundwater was added at the RD-48 cluster due to first time exceedances of the screening value at RD-48B and RD-48C at concentrations of 360 µg/L and 350 µg/L, respectively. At both locations, TPH was not detected in 2010 and these locations were not sampled for TPH prior to 2010, so these results further refine the known chemical extent of TPH in groundwater at the site.

- A new area of impacted groundwater was added at LOX due to first time exceedances of the screening value at RD-52B and PZ-129 at concentrations of 180J µg/L (C8-C30) and 120J µg/L (C8-C30), respectively. TPH was detected below the screening value at RD-52B in 2010 and this location was not sampled for TPH prior to 2010. PZ-129 was not previously sampled for TPH. These results further refine the known chemical extent of TPH in groundwater at the site.
- The 'Alfa/Bravo' area of impacted groundwater was extended to the east due to a first time exceedance of the screening value at PZ-154 at a concentration of 280 µg/L (C8-C30). TPH was not previously analyzed at PZ-154, and so this result further refines the location of the chemical extent boundary.
- A new area of impacted groundwater was added at Ash Pile and B515 STP due to a first time exceedance of the screening value at PZ-146 at a concentration of 410 µg/L (C8-C30). PZ-129 was not previously sampled for TPH, so this result further refines the known chemical extent of TPH in groundwater at the site.
- The 'ELV' and 'B204' areas of impacted groundwater were extended to the west and northeast, respectively, to connect into one area of impacted groundwater due to first time exceedances of the screening value at PZ-140, PZ-141 and PZ-144 at concentrations of 110J µg/L (C8-C30), 270 µg/L (C8-C30) and 190J µg/L (C8-C30), respectively. TPH was detected below the screening value at PZ-140 and PZ-141 in 2010 and was not detected at PZ-144 in 2010. All three locations were not sampled for TPH prior to 2010, and so these results further refine the location of the chemical extent boundary.
- The 'Delta/PLF' area of impacted groundwater was extended to the west due to a first time exceedance of the screening value at PZ-149 at a concentration of 100J µg/L (C8-C30). TPH was not previously analyzed at PZ-149, and so this result further refines the location of the chemical extent boundary.

N-Nitrosodimethylamine (NDMA) (Figure 20)

- The 'APTF' area of impacted groundwater was extended to the northwest due to a first time exceedance of the screening value (0.01 µg/L) at RD-45A at a concentration of 0.11J µg/L and re-exceedance of the screening value at HAR-01 at a concentration of 0.027J µg/L. RD-45A was last sampled for NDMA during 2010 and was not detected, and has not been detected at RD-45A in any historical results. NDMA concentrations at HAR-01 previously exceeded the screening value only in historical data with the last exceedance occurring in June 2002 and subsequent results detected below the screening value.
- The 'CTL-III' area of impacted groundwater was removed due to decreased concentrations of NDMA at RD-46A to levels below the screening value. NDMA was not detected or was detected below the screening value at RD-46A in 2010 and 2011.
- The 'Bravo/Alfa' area of impacted groundwater was reduced in the center portion, separating the area into two separate areas of impacted groundwater at Bravo and at Alfa, due to decreased concentrations of NDMA at HAR-20 to levels below the screening value. NDMA was not detected at HAR-20 in 2010 and 2011.

- The 'SPA' area of impacted groundwater was extended to the northwest due to first time exceedances of the screening value at RS-34 and HAR-30 at concentrations of 0.015 µg/L and 0.01 µg/L, respectively. RS-34 was sampled for the first time in 2010 and NDMA was detected below the screening value in 2010. HAR-30 was last sampled for NDMA during 2010 and was not detected, and has not been detected at HAR-30 in any historical results.
- The 'STL-IV' area of impacted groundwater was reduced on the northwest due to decreased concentrations of NDMA at ES-27 to levels below the screening value. NDMA was not detected or detected below the screening value at ES-27 in 2010 and 2011.

Perchlorate (Figure 21)

- The 'Northeast' area of impacted groundwater was reduced on the southeast due to decreased concentrations of perchlorate at PZ-074 to levels below the screening value (6 µg/L). Perchlorate was not detected or was detected below the screening value at PZ-074 in 2010 and 2011.
- The 'FSDF' area of impacted groundwater was extended to the northeast due to a first time exceedance of the screening value at RS-18 at a concentration of 6.3 µg/L. RS-18 was previously sampled five times between 1998 and 2003 with perchlorate not detected or detected below the screening value.

Nitrate as NO3 (Figure 22)

- The 'APTF' area of impacted groundwater was reduced on the north and northwest due to decreased concentrations of nitrate at HAR-25, HAR-04, and HAR-16 to levels below the screening value (45 milligrams per liter [mg/L]). At all three locations, nitrate was detected below the screening value in 2010 and 2011.
- The 'SPA' area of impacted groundwater was reduced on the east due to decreased concentrations of nitrate at HAR-13 to levels below the screening value. Nitrate was detected below the screening value at HAR-13 in 2010 and 2011.

Fluoride (Figure 23)

- A new area of impacted groundwater was added at Ash Pile and B515 STP due to a first time exceedance of the screening value (800 µg/L) at PZ-146 at a concentration of 7400 µg/L. Fluoride was not previously analyzed at these locations. In nearby wells, fluoride was detected below the screening value.
- The area of impacted groundwater at R-2 Ponds was extended to the southeast due to a first time exceedance of the screening value at HAR-27 at a concentration of 800 µg/L. Fluoride was detected below the screening value at HAR-27 in 2010.
- The area of impacted groundwater at STL-IV was extended to the east and west due to first time exceedances of the screening value at HAR-32 and HAR-33 at concentrations

of 860 µg/L and 820 µg/L, respectively. Fluoride was previously detected below the screening value at HAR-32 and HAR-33 in 2010.

4.2.4 Regulated Unit Groundwater Monitoring Program

As specified in the PCPs and Regulated Unit WQSAPs, concentration limits are to be established after completion of the first of year of monitoring. Proposed statistical methods and resultant proposed Concentration Limits for COCs at regulated units were developed following completion of the first year of monitoring under the 2010 Modified PCPs, and were presented in the first quarter 2011 groundwater monitoring progress report (MWH, 2011c). For some COCs and regulated units, there was an insufficient number of results to complete the statistical evaluation and develop proposed Concentration Limits. Background wells for regulated units and COCs with fewer than the minimum required four sample results continued to be sampled in each subsequent sampling event until the minimum number of results were obtained and Concentration Limits could be developed and proposed. Proposed Concentration Limits for COCs at regulated units were re-evaluated using the dataset for the period from second quarter 2010 through fourth quarter 2011 and are presented in Appendix G. As noted in DTSC's February 17, 2012 letter, the approach detailed in Appendix G satisfies requirements presented in the 2010 Modified PCPs (DTSC, 2012).

Each of the regulated unit program areas are shown on the chemical maps (Figures 7 through 23). Evaluation of results under the detection monitoring and evaluation monitoring programs will be performed after DTSC approval of the proposed concentration limits (DTSC, 2012).

4.2.4.1 Detection Monitoring Program

4.2.4.1.1 Background/Concentration Limits

The evaluation for development of proposed background concentrations to be used as Concentration Limits for each COC at each regulated unit is presented in Appendix G.

4.2.4.1.2 Statistical Evaluation

After the proposed regulated unit-specific concentration limits are approved, subsequent results collected from regulated unit compliance monitoring locations will be statistically compared to

the concentration limits for each COC at each regulated unit to evaluate compliance and evidence of releases.

4.2.4.2 Evaluation Monitoring Program

4.2.4.2.1 Data Evaluation

After the proposed regulated unit-specific concentration limits are approved, subsequent results collected from regulated unit monitoring locations will be screened against the concentration limits and used to assess the nature and extent of the release from each regulated unit, including the spatial distribution and concentration of each COC.

4.2.4.3 Corrective Action Interim Measure Monitoring Program

Results from samples collected at WS-09A during the 2011 reporting period were consistent with historical results. No other CAIM monitoring program wells were connected to treatment systems or active during 2011.

4.2.4.4 2011 Verification Sampling

The results of 2011 verification sampling and analyses are presented in Table 22. Verification groundwater samples were collected and analyzed during the quarter following detections of Appendix IX list analytes in groundwater samples collected during prior quarters to confirm if these analytes are detectable in groundwater samples from these locations. Voluntary follow-up sampling is performed in a similar manner to provide similar confirmation for constituents not on the Appendix IX list or at wells that are not part of the regulated units programs; however, no follow-up sampling was performed in the 2011 reporting period. Verification and follow-up samples include primary, field duplicate, split, and field blank samples. Equipment rinsate samples were also collected and analyzed in cases where non-dedicated sampling equipment was used.

Results of verification sampling and analysis conducted during the 2011 indicated that the targeted constituents were not repeatable in consecutive groundwater samples except for the following:

- 1,2,3-Trichloropropane in monitoring wells SH-03 and SH-09 at the ECL regulated unit;
- Sulfide in monitoring well HAR-30 at the SPA-2 regulated unit; and

- Sulfide in monitoring well RD-11 at the ECL regulated unit.

Results of the verification sampling and notification of the addition of COCs to the regulated unit monitoring programs as required by the PCPs was submitted to the DTSC following the first and third quarter events (Boeing, 2011a, 2011c). Notification of the addition of 1,2,3-trichloropropane to the COC list for the ECL regulated unit as required by the PCPs was submitted based on first quarter verification results (Boeing, 2011a). Also, in accordance with the PCPs, it was recommended that sulfide be excluded from the SPA-2 COC list based on first quarter verification results (Boeing, 2011a), and from the ECL COC list based on third quarter verification results (Boeing 2011c), because sulfide was excluded from the groundwater monitoring program regulated unit COC lists when detected in the past, is often naturally occurring, and is not a risk driver.

4.2.4.5 Proposed Q1 2012 Verification Sampling

Table 23 presents the proposed first quarter 2012 verification and follow-up sampling based on previous results that indicated additional sampling be scheduled to confirm if select constituents are detectable in groundwater samples. There was no verification or follow-up sampling based on results from third quarter 2011, the last sampling event. However, some verification samples proposed for third quarter based on second quarter results were unable to be collected in the third quarter and are scheduled for first quarter 2012.

4.2.5 Analytical Results

During the 2011 reporting period, constituent concentrations in groundwater samples collected at the SSFL were below detection limits or, if detected, consistent with past concentrations, with exceptions identified in Tables 10 and 11. These exceptions generally lie within the following categories:

- First-time detection and first-time analysis; results of analyses performed for the first time are indicated by an asterisk in Table 10;
- First-time detection near the method detection limit (MDL) or MDA and only a very recent sampling history (small total number of analyses for that constituent);
- First-time detect and lower MDL or MDA compared to historical results;
- First-time detect at a well in an area of impacted groundwater, and the constituent is a daughter product of another constituent known to be present at that location;

- New maximum concentration only slightly exceeds previous maximum, and a clear increasing trend is not apparent;
- The particular hydrocarbon chain reporting range for a first-time or new maximum TPH detect varies from the hydrocarbon chain reporting range of previous TPH analyses;
- Detection not repeatable in consecutive sampling events, or not consistent between primary, duplicate and split sample results; and
- Combinations of the above.

The few cases for which there are insufficient historical data to provide further context for the recent results, or that otherwise warrant further discussion are presented below, with on-site detects (except for radiochemical constituents) discussed in Section 4.2.5.1, off-site detects (except for radiochemical constituents) discussed in Section 4.2.5.2, radiochemistry results discussed in Section 4.2.5.3, and follow-up discussion of 2010 results highlighted in the 2010 annual report and addendum (MWH, 2011a and 2011b) discussed in Section 4.2.5.4. Section 4.2.5.5 presents the results of an evaluation of data collected before and after monitoring wells were retrofitted with low-flow sampling equipment.

4.2.5.1 On-site Detects

Constituent concentrations (except for radiochemical constituents) detected in groundwater samples collected from on-site wells that were inconsistent with historical data fell within the categories listed in Section 4.2.5 and were unremarkable, or are discussed in more detail below:

- 1,4-Dioxane was detected for the first time in the first quarter of 2011 at RD-78 at a concentration of 11 µg/L, above the NL of 1 µg/L. During the third quarter, 1,4-dioxane was detected at 10 µg/L. This well was previously sampled for 1,4-dioxane only once in 2010, and 1,4-dioxane was not detected, but the detection limit was elevated above the screening value. RD-78 is scheduled for continued annual Site-wide Program sampling for 1,4-dioxane, and continued sampling and analysis will provide further context for this result.
- Diesel Range Organics (DRO) was detected for the first time at RD-48B in second quarter 2011 at concentrations of 0.36 mg/L in the C8-C30 range and 0.36 mg/L in the C21-C30 range, above the Taste/Odor Threshold of 0.1 mg/L. DRO was not detected at RD-48B in four previous samples in the C8-C30 range and eight previous samples for the C21-C30 range. RD-48B is scheduled for continued semi-annual Regulated Unit Program sampling for DRO, and continued sampling and analysis will provide further context for these results.
- DRO was detected at RD-48C in third quarter 2011 at new maximum concentrations of 0.3 mg/L in the C12-C14 range and 0.35 mg/L in the C8-C30 range, above the

Taste/Odor Threshold of 0.1 mg/L. DRO was detected only once in eight previous samples from RD-48C, at concentrations below the screening value in second quarter of 2011. RD-48C is scheduled for continued semi-annual Regulated Unit Program sampling for DRO, and continued sampling and analysis will provide further context for these results.

4.2.5.2 Off-site Detects

Constituent concentrations (except for radiochemical constituents) detected in groundwater samples collected from off-site wells that were inconsistent with historical data fell within the categories listed in Section 4.2.5 and were unremarkable, or are discussed in more detail below:

- 1,4-Dioxane was detected for the first time at well RD-39A at a concentration of 3.2 µg/L during the first quarter 2011, which is above the NL of 1 µg/L. The most recent prior analysis for 1,4-Dioxane at this location was in 2001. RD-39A contained insufficient water for sampling during both the second and third quarters 2011. This well is scheduled for semi-annual Regulated Unit Program and annual Site-wide Program sampling for 1,4-dioxane, and continued sampling and analysis will provide further context for this result.
- 1,4-Dioxane was detected at well RD-36D at a new maximum concentration of 1.2J µg/L in the second quarter 2011, which is above the NL of 1 µg/L. This is the first time the NL for 1,4-dioxane has been exceeded at this location; however, this is an estimated concentration, and so the comparison with the NL is only approximate and the actual concentration may or may not have exceeded the NL. RD-36D was sampled 12 times previously for 1,4-dioxane with two detections and a maximum concentration of 0.6J µg/L in the second quarter of 2010. 1,4-Dioxane was not detected in the sample collected in the third quarter 2011. RD-36D is located within an area of known 1,4-dioxane impacts. These infrequent detects may represent the upper range of 1,4-dioxane concentrations occasionally present as a transient condition at RD-36D. This well is scheduled for semi-annual Regulated Unit Program sampling for 1,4-dioxane.
- NDMA was detected for the first time at an estimated concentration of 0.0054J µg/L at well RD-38B in first quarter 2011, which is below the NL of 0.01 µg/L (DPH, 2010). NDMA was not detected in the first quarter 2011 field duplicate sample from this well. RD-38B was previously sampled six times for NDMA providing a total of 8 non-detect results. NDMA was not detected in the subsequent samples collected during the second and third quarters 2011. These results suggest that the trace concentration of NDMA at RD-38B in first quarter 2011 was likely spurious. This well is scheduled for continued semi-annual Regulated Unit Program and Site-wide Program sampling for NDMA.
- NDMA was detected for the first time at well RD-68A during the third quarter 2011 at an estimated concentration of 0.010J µg/L, which is equal to the NL of 0.01 µg/L. Because this result is an estimated concentration, comparison with the NL is only approximate and the actual concentration may or may not have exceeded the NL. NDMA was not detected in the field duplicate sample above the estimated MDL of 0.005 µg/L during the third quarter 2011, nor was NDMA detected in five previous samples from RD-68A. The

detection in this sample is also inconsistent with historical results from other monitoring wells in this area. RD-68A is scheduled for continued semi-annual Regulated Unit Program sampling for NDMA, and continued sampling and analysis will provide further context for this result.

- DRO were detected for the first time at off-site well RD-43A in first quarter 2011 at 0.39 mg/L in the carbon range C21-C30, and 0.41 mg/L in the carbon range C8-C30, above the Taste/Odor Threshold of 0.1 mg/L. DRO was not detected in three previous samples from RD-43A, and also was not detected in subsequent samples collected during the second and third quarters 2011, suggesting that the first quarter 2011 DRO detections were spurious. This well is scheduled for continued semi-annual Regulated Unit Program sampling for DRO.
- DRO was detected for the first time at off-site well RD-43B in third quarter 2011 in the carbon range C12-C14 at an estimated concentration of 0.034J mg/L below the Taste/Odor Threshold of 0.1 mg/L. Because this result is an estimated concentration, comparison with the NL is only approximate and the actual concentration may or may not have exceeded the NL. DRO was not detected in three previous samples from RD-43B. This well is scheduled for continued semi-annual Regulated Unit Program sampling for DRO, and continued sampling and analysis will provide further context for this result.
- Ammonia was detected at well RD-36C at a new maximum concentration of 0.28J mg/L in second quarter 2011. There is no screening value established for ammonia. RD-36C was sampled seven times previously for ammonia with two detections and a maximum concentration (estimated) of 0.13J mg/L in the first quarter of 2011. During the third quarter 2011, ammonia was detected at an estimated concentration of 0.23J mg/L. These recent detections are likely representative of the upper range of ammonia concentrations at RD-36C. This well is scheduled for continued semi-annual Regulated Unit Program sampling for ammonia.

4.2.5.3 Radiochemistry

Radiochemistry analyses were performed for samples collected during the 2011 reporting period under the Site-wide Program and Area IV sampling. Radiochemistry analysis results for 2011 are presented in Table 18, and discussed further below.

Beginning in third quarter 2010, radiochemistry analyses (except for tritium) of Site-wide program and other groundwater samples were performed using a new approach described in EPA's Area IV Radiochemistry Study QAPP (HGL, 2010). In short, this approach involves filtering at the laboratory followed by separate analysis of the liquid filtrate and the solid residue captured by the filter. Each of the results has its own associated error and MDA. This approach was incorporate into the 2010 Site-Wide WQSAP (Haley & Aldrich, 2010e).

Radiochemistry constituents detected for the first time in groundwater at individual locations are presented in Table 10 and constituents previously detected in groundwater at a particular location but reported at a new maximum concentration are presented in Table 11. Because of the limited history of particulate results, a particulate detection was considered new if the constituent was never detected in historical particulate, dissolved or total results, and was considered a new maximum if the constituent was detected at a higher activity than the previous maximum activity reported in historical particulate, dissolved or total results. Comparison of radiochemistry results using the new approach (with separate analysis of liquid filtrate [dissolved] and solid residue [particulate]) to historical results may not be representative, especially for the particulate results. Any new detections or new maximums discussed below may be due, at least in part, to the use of the new sample preparation and analysis methodology or to the comparison with historical data using other methods.

Radiochemistry results from groundwater samples collected in 2011 were consistent with historical data; fell within the categories listed in Section 4.2.5 and were unremarkable; or are discussed in more detail below:

- Dissolved Europium-152 (Eu-152) was detected for the first time at on-site well RD-33C at an estimated value of 7.94J ± 8.5 picoCuries per liter (pCi/L) in the first quarter. Eu-152 was not detected in the associated particulate result (Table 18). The EPA MCL, based on 4 mrem/y to the critical organ, is 200 pCi/L (Federal Register 2000a). This dissolved Eu-152 detection is likely spurious for the following reasons:
    - RD-33C was previously sampled for Eu-152 nine times with no detections in a total of 17 analyses.
    - Except for this single detection, in the history of groundwater sampling at SSFL a total of 491 Eu-152 analyses have been performed on groundwater samples collected from a total of 72 locations with no detections.
    - The estimated value of 7.94 pCi/L is smaller than its 2-sigma counting error of 8.5 pCi/L, which is a routine indicator that the measured result is suspect.
    - Dissolved Eu-152 was not detected in RD-33C during the third quarter 2011 sampling event. This well is scheduled for continued semi-annual Site-wide Program sampling for Eu-152.
- Gross alpha activity was analyzed for the first time in on-site piezometer PZ-124 in third quarter 2011, and dissolved gross alpha was detected at 37.04J ± 10.56 pCi/L. Particulate gross alpha was not detected. Adjusted dissolved gross alpha activity (adjusted for naturally occurring uranium) at PZ-124 was zero pCi/L which is below the Primary MCL of 15 pCi/L. Dissolved gross alpha has been consistently detected at other nearby

monitoring wells, and has been largely associated with naturally occurring uranium. This piezometer is scheduled for continued semi-annual Site-wide Program sampling for gross alpha activity.

- Particulate gross alpha activity was analyzed for the first time in on-site well RD-56B in third quarter 2011, and was detected at 19.67 ± 4.389 pCi/L. Adjusted particulate gross alpha at RD-56B was 16.46 pCi/L, which is above the Primary MCL of 15 pCi/L. Dissolved gross alpha (analyzed just once previously in 1998) was not detected. Particulate gross alpha was not detected in nearby wells (RD-14, RD-56A, and RD-60) sampled during third quarter 2011, but was detected once in RD-14 in August 2010 at an estimated activity of 2.7J ± 0.93 pCi/L. This well is scheduled for continued semi-annual Site-wide Program sampling for gross alpha activity, and continued sampling and analysis will provide further context for this result.
- Dissolved gross beta activity was detected at a new maximum value of 14.57 ± 2.871 pCi/L in off-site well RD-59C in third quarter 2011. This result is below the California Primary MCL of 50 pCi/L, but exceeds the previous maximum activity of 5.47 ± 2.6 pCi/L from August 2008 by a factor of more than two. Particulate gross beta activity was not detected at RD-59C. This well is scheduled for continued semi-annual Site-wide Program sampling for gross beta activity, and continued sampling and analysis will provide further context for this result.
- Dissolved gross beta activity was detected at a new maximum value of 246 ± 4.6 pCi/L in on-site well RD-98 in second quarter 2011. Dissolved gross beta activity was also detected in first quarter 2011 at 113 ± 4.2 pCi/L (a historical maximum at that time) and in third quarter 2011 at 218.5 ± 6.054 pCi/L. All three of these 2011 results are above the California Primary MCL of 50 pCi/L. Gross beta activity was detected in the associated particulate result only in the third quarter sample (Table 18). Prior to 2011, RD-98 was sampled four times for dissolved gross beta with detectable activity in all four samples; the previous maximum dissolved gross beta activity was 22.8 pCi/L in the fourth quarter of 2010. RD-98 is located at the former RMHF leach field and the results listed above are consistent with known radiological impacts associated with this site. RD-98 is scheduled for additional sampling for gross beta activity in first quarter 2012.
- Dissolved strontium-90 (Sr-90) was detected at a new maximum value of 142 ± 3.4 pCi/L in on-site well RD-98 in second quarter 2011. Dissolved Sr-90 was also detected in first quarter 2011 at 64.2 ± 2.4 pCi/L, and in third quarter 2011 at 116.02 ± 2.832 pCi/L. All three of these 2011 results are above the Primary MCL of 8 pCi/L. Sr-90 was not detected in the associated particulate results (Table 18). Prior to 2011, RD-98 was sampled four times for dissolved Sr-90 with a maximum detected activity of 9.68 pCi/L. These results are consistent with the known impacts associated with the RMHF leach field. RD-98 is scheduled for additional sampling for Sr-90 in first quarter 2012.
- Sr-90 was analyzed for the first time in on-site well RD-56B in third quarter 2011, and particulate Sr-90 was detected at an activity of 1.57 ± 0.551 pCi/L, near the MDA of 1 pCi/L.0.998 pCi/L and less than the EPA primary MCL for Sr-90 of 8 pCi/L (Federal Register 2000b). Dissolved Sr-90 was not detected. The particulate Sr-90 detection was reported in the Groundwater Monitoring Progress Report, Third Quarter 2011 (MWH, 2011d) as suspect and pending reanalysis because the laboratory indicated that

the detection may have been at least partly a result of background Sr-90 in the relatively high total suspended solids in this groundwater sample, or an artifact of counting or sample digestion. Reanalysis and data validation confirmed the initial result, and the data validation team provided the following statement: "Based upon the information reviewed, the Sr-90 should be considered as a confirmed detect. This determination is supported by the agreement of replicate results within the margins of error. It is also supported by the gross beta results although the gross beta results are higher than one would typically expect from the beta emitters reported." RD-56B is scheduled for continued semi-annual Site-wide Program sampling for Sr-90, and additional sampling and analysis will provide further context for this result.

- Particulate potassium-40 (K-40) was detected for the first time in off-site well RD-59C in third quarter 2011 at a value of 2.44J ± 1.708 pCi/L. No screening value has been designated for K-40. RD-59C was sampled twice previously for particulate K-40 with no detectable activity in either sample. K-40 is a naturally occurring radionuclide that is ubiquitous in nature with an EPA Background Threshold Value (BTV) in soil of 30.5 picoCuries per gram (EPA, 2011).

- Uranium isotopic activity was analyzed and detected for the first time at on-site piezometer PZ-124 in third quarter 2011. Dissolved uranium-238 (U-238) was detected at 25.2 ± 4.645 pCi/L, and dissolved uranium-233/234 (U-233/234) was detected at 28.37 ± 5.174 pCi/L. Particulate U-238 was not detected in PZ-124, while particulate U-233/234 was detected at an estimated 0.19J ± 0.139 pCi/L. The dissolved U-238 and U-233/234 activities collectively exceed the California Primary MCL of 20 pCi/L for total uranium. However, U-238 and U-233/234 are present at a roughly 1:1 ratio consistent with non-enriched, non-processed uranium, and so it appears that the uranium detected at PZ-124 is naturally occurring. The presence of naturally occurring uranium is consistent with historical data from other monitoring wells in this area. Piezometer PZ-124 is scheduled for continued semi-annual Site-wide Program sampling for uranium isotopic activity.

- Particulate barium-133 (Ba-133) was detected for the first time in the third quarter 2011 field duplicate sample collected from well RD-85 at an estimated activity of 2.167 J ± 1.55 pCi/L, with an MDA of 1.16 pCi/L. This result is below the EPA MCL, based on 4 mrem/y effective dose equivalent, of 1,520 pCi/L (Federal Register, 2000a). The estimated activity value is near the MDA and only slightly larger than its 2-sigma counting error, suggesting that this result is suspect. Dissolved Ba-133 was not detected in this field duplicate or in the primary sample. Particulate Ba-133 was not detected in the primary sample, reported as 0.72 U ± 0.483, with an MDA of 0.9 pCi/L, further suggesting that the detection in the field duplicate sample was spurious. RD-85 is scheduled for continued semi-annual sampling under the Site-wide Program.

- Particulate sodium-22 (Na-22) was detected for the first time in the third quarter 2011 sample collected from well RD-98 at an estimated activity of 0.92 J ± 0.742 pCi/L, with an MDA of 0.82 pCi/L. This result is below the EPA MCL, based on 4 mrem/y to the critical organ, of 400 pCi/L (Federal Register, 2000a). The estimated activity value is

near the MDA and only slightly larger than its 2-sigma counting error, suggesting that this result is suspect. RD-98 is next scheduled for sampling in first quarter 2012.

4.2.5.4 2010 Results Follow-up

Follow-up discussion for select results highlighted in the 2010 annual report and addendum (MWH, 2011a and 2011b) is provided below.

4.2.5.4.1 2010 On-site Detects

- 1,4-Dioxane was detected for the first time in third quarter 2010 at wells RD-05A, RD-05B, and RD-05C at estimated concentrations of 1.5J to 1.7J µg/L, and exhibited a new maximum concentration estimated at 1.7J µg/L at RD-58C. However, each of these four wells was sampled for 1,4-dioxane in fourth quarter 2010 and in first, second and third quarters 2011, and 1,4-dioxane was not detected in any of those samples, suggesting that the detections in 2010 were transient or spurious.

4.2.5.4.2 2010 Off-site Detects

- 1,4-Dioxane was detected for the first time at RD-32 in third quarter 2010 at an estimated concentration of 1.9J µg/L. 1,4-dioxane was not detected in 22 previous samples (the most recent of which was in 2005), or in subsequent samples in first and third quarters 2011 with MDLs of 0.64 µg/L and 0.75 µg/L. These additional results suggest that the third quarter 2010 detection of 1,4-dioxane was spurious.
- Diethyl phthalate and dimethyl phthalate were detected at RD-36C for the first time in fourth quarter 2010 at concentrations of 150 µg/L and 0.67J (estimated) µg/L, respectively. These two phthalates were not detected in the only two previous samples analyzed for these constituents (second and third quarters 2010), or in the three subsequent samples collected and analyzed in first, second and third quarters 2011. The RD-36 well cluster is located within an area of impacted groundwater, and it had been suggested that the presence of these two phthalates might be related to or consistent with the several detections of bis(2-ethylhexyl) phthalate at this location in 2010 and 2011. However, it appears more likely that the fourth quarter 2010 detections of diethyl phthalate and dimethyl phthalate at RD-36C were spurious, and may have instead been a result of laboratory cross-contamination as phthalates have in recent years become common laboratory contaminants.
- Monomethylhydrazine was detected for the first time at RD-43B in third quarter 2010 at an estimated concentration of 0.26J µg/L. Monomethylhydrazine was not detected in the only previous sample analyzed (second quarter 2010), or in the subsequent four samples in fourth quarter 2010 and first, second, and third quarters 2011. These results suggest that the third quarter 2010 detection of monomethylhydrazine at RD-43B was spurious.

4.2.5.4.3 2010 Radiochemistry Results

- Total gross alpha was detected in first quarter 2010 for the first time at on-site well RD-33B at an estimated activity of 2.56 ± 1.1 pCi/L, and at new maximum activities ranging from 4.18 ± 1.6 to 25.5 ± 6.2 pCi/L at on-site wells RD-33A (Z2), RD-34A, RD-34B, RD-54A (Z2), RD-54B, RD-54C, and RD-63 in first quarter 2010. The adjusted total gross alpha values were all below the Primary MCL of 15 pCi/L. Subsequent gross alpha analyses were performed using a new method involving the separate analysis of filtered sample water ("dissolved") and solid filter residue ("particulate") fractions (see Section 4.2.5.3). Therefore, comparisons of the total results above to subsequent results derived using the new analysis approach are somewhat qualitative. Sampling of RD-54B and RD-54C under the Site-wide Program ceased with the implementation of the Draft Site-Wide WQSAP (Haley & Aldrich, 2009b) in third quarter 2010 and so subsequent results are unavailable for those two wells. However, at the other wells listed above, subsequent dissolved and particulate gross alpha activities detected through fourth quarter 2011 have generally been collectively consistent with the results from samples collected prior to first quarter 2010, and adjusted gross alpha activities at these wells have remained below the Primary MCL.
- Total gross beta was detected in first quarter 2010 at new maximum activities ranging from 5.19 ± 1.2 to 32.2 ± 3.8 pCi/L at on-site wells RD-21 (Port 2), RD-33B, RD-34A, RD-34B, RD-54A (Port 2), RD-54B, RD-54C, and RD-57 (Port 7), which are all below the California MCL of 50 pCi/L. As noted in the first bullet of this section, comparisons of total results to subsequent results derived using the new analysis approach are somewhat qualitative. Sampling of RD-21, RD-54B, and RD-54C under the Site-wide Program ceased with the implementation of the Draft Site-Wide WQSAP (Haley & Aldrich, 2009b) in third quarter 2010 and so subsequent results are unavailable for those three wells. However, at the other wells listed above, subsequent dissolved and particulate gross beta activities detected through fourth quarter 2011 have generally been collectively consistent with the results from samples collected prior to first quarter 2010, and have remained below the Primary MCL.
- Uranium isotopes were detected in first quarter 2010 at new maximum activities at on-site well RD-07 (Port 3) (total uranium-233/234 at 21.2 ± 1.9 pCi/L; total uranium-235 at 1.06 ± 0.16 pCi/L, and Total Uranium-238 at 17.2 ± 1.5 pCi/L) and RD-29 (dissolved uranium-235 at 0.665 ± 0.11 pCi/L). The sum of total isotopic uranium activities for RD-07 of 39.46 pCi/L, and the sum of dissolved isotopic uranium activities for RD-07 of 36.11 pCi/L exceed the California MCL of 20 pCi/L. These uranium isotope activities appeared to be naturally occurring uranium as indicated by the activity ratio of uranium-234:uranium-238 (U-234:U-238). Naturally occurring uranium (non-enriched and non-processed) has a U-234:U-238 activity ratio of approximately 1:1 (Federal Register, 2000b). As noted in the first bullet of this section, comparisons of total results to subsequent results derived using the new analysis approach are somewhat qualitative. Sampling of RD-29 under the Site-wide Program ceased with the implementation of the Draft Site-Wide WQSAP (Haley & Aldrich, 2009b) in third quarter 2010 and so subsequent results are unavailable for this well. Sampling of RD-07 resumed with the implementation of the December 2010 revision to the Site-Wide

WQSAP (Haley & Aldrich, 2010e) in the third quarter of 2011. Third quarter 2011 dissolved and particulate isotopic uranium activities detected at RD-07 (Port 3) were collectively consistent with previous results, continued to demonstrate the approximately 1:1 U-234:U-238 ratio of naturally occurring uranium, and the sum of dissolved isotopic uranium activities of 25.56 pCi/L remained above the California MCL.

- Gross alpha activity was detected for the first time at on-site well RD-96 in third quarter 2010 at a dissolved activity of 5.06 ± 1.5 pCi/L and a particulate activity of 7.19 ± 1.8 pCi/L, corresponding to adjusted gross alpha activities of zero pCi/L dissolved and 6.79 pCi/L particulate. All of these results are below the Primary MCL of 15 pCi/L. RD-96 had only been analyzed for gross alpha activity one time previously, using the old analysis approach (see first bullet of this section). Subsequent results in first and third quarters 2011 were similar, and generally consistent with gross alpha activities at other wells in the area.

- Particulate gross alpha was detected at a new maximum activity of 12.1 ± 1.4 pCi/L at on-site well RD-98 in third quarter 2010, with a corresponding adjusted gross alpha activity of 11.69 pCi/L. Both of these values are below the Primary MCL of 15 pCi/L. Subsequent samples collected from RD-98 in first, second and third quarters 2011 exhibited particulate gross alpha activities more than one order of magnitude lower than the third quarter 2010 result.

- Dissolved gross beta was detected in third quarter 2010 at new maximum activities of 12.1 ± 2.1 and 14.6 ± 1.9 22.8 ± 1.7 pCi/L at on-site wells RD-57 (Z7) and RD-50 (Z2), respectively. Both of these values are below the Primary MCL of 50 pCi/L. Dissolved gross beta activities in subsequent samples from these two wells in first and third quarters 2011 were lower, ranging from an estimated 3.85 J ± 1.789 to 7.31 ± 0.93 pCi/L.

- Dissolved and particulate gross beta were detected at on-site well RD-98 in fourth quarter 2010 at new maximum activities of 22.8 ± 1.7 and 16.4 ± 1.6 pCi/L, respectively. These activities (individually and collectively) are below the California MCL of 50 pCi/L. Subsequent samples collected from RD-98 in first, second and third quarters 2011 exhibited lower particulate gross beta activity, with a detection only in the third quarter sample at 3.85 ± 0.85 pCi/L. In these same samples, dissolved gross beta activity climbed to a peak of 246 ± 4.6 pCi/L in second quarter 2011, before declining to 218.5 ± 6.054 pCi/L in third quarter 2011. These results are consistent with known impacts associated with the RMHF leach field where RD-98 is located, as discussed previously in Section 4.2.5.3.

- Dissolved Sr-90 was detected at on-site well RD-98 in fourth quarter 2010 at a new maximum activity of 9.68 ± 0.64 pCi/L, which is above the Primary MCL of 8 pCi/L. Particulate Sr-90 was not detected in this sample or in any of the subsequent samples collected in first, second and third quarters 2011. Dissolved Sr-90 activities in the 2011 samples exhibited a peak value of 142 ± 3.4 pCi/L in second quarter 2011, before declining to 116 ± 2.8 pCi/L in third quarter 2011. These results are consistent with known impacts associated with the RMHF leach field where RD-98 is located, as discussed previously in Section 4.2.5.3.

4.2.5.5 Low-Flow Sampling Results

Wells in the Regulated Unit and Site-Wide Programs began being sampled using low-flow methodology in 2010 through 2011 after wells were retrofitted with low-flow pumping equipment (Haley & Aldrich, 2010d, 2011). Samples collected during the last sampling event before low-flow retrofitting and the samples collected during the first event after low-flow retrofitting for all wells and analytes were compared. In 2011, concentrations in samples collected using low-flow methodology for the first time were generally similar to concentrations in samples collected prior to the use of low-flow methodology with the following exceptions:

- Concentrations of cis-1,2-DCE and trans-1,2,-DCE were an order of magnitude higher, and concentrations of TCE increased by a factor of approximately eight, in samples collected from ES-01 in the third quarter of 2011 using low-flow methodology relative to concentrations in the last samples collected prior to low-flow retrofitting.
- Concentrations of cis-1,2-DCE were an order of magnitude higher, concentrations of 1,1,2-trichloro-1,2,2-trifluoroethane increased by a factor of approximately three, and TCE decreased by an order of magnitude in samples collected from ES-14 in the third quarter of 2011 using low-flow methodology relative to concentrations in the last samples collected prior to low-flow retrofitting.
- Concentrations of TCE decreased by more than half in samples collected from ES-29 in the third quarter of 2011 using low-flow methodology relative to concentrations in the last samples collected prior to low-flow retrofitting.
- Concentrations of trans-1,2,-DCE, vinyl chloride, and 1,4-dioxane decreased by more than half in samples collected from RD-01 in the first quarter of 2011 using low-flow methodology relative to concentrations in the last samples collected prior to low-flow retrofitting.
- Concentrations of TCE, cis-1,2-DCE, trans-1,2,-DCE, 1,1-DCE, and vinyl chloride increased by factors of three to four, in samples collected from RD-02 in the first quarter of 2011 using low-flow methodology relative to concentrations in the last samples collected prior to low-flow retrofitting.
- Concentrations of dissolved gross beta increased by a factor of approximately two, in samples collected from RD-13 in the third quarter of 2011 using low-flow methodology relative to concentrations in the last samples collected prior to low-flow retrofitting.
- Concentrations of TCE decreased by more than half in samples collected from RD-35B in the third quarter of 2011 using low-flow methodology relative to concentrations in the last samples collected prior to low-flow retrofitting.
- Concentrations of trans-1,2,-DCE increased by a factor of approximately two and concentrations of TCE decreased by more than half in samples collected from RD-41B in the first quarter of 2011 using low-flow methodology relative to concentrations in the last samples collected prior to low-flow retrofitting.

- Concentrations of dissolved gross beta and dissolved U-233/234 increased by factors of approximately three and over 1.5, respectively, in samples collected from RD-59A in the third quarter of 2011 using low-flow methodology relative to concentrations in the last samples collected prior to low-flow retrofitting. These concentrations remained below the MCLs for dissolved gross beta and dissolved U-233/234.
- Concentrations of cis-1,2-DCE and 1,2-DCA, increased by factors of over 1.5 and three, respectively, in samples collected from RD-60 in the third quarter of 2011 using low-flow methodology relative to concentrations in the last samples collected prior to low-flow retrofitting.
- Concentrations of dissolved gross alpha and dissolved uranium-235 (U-235) increased by factors of over 1.5 in samples collected from RD-63 in the third quarter of 2011 using low-flow methodology relative to concentrations in the last samples collected prior to low-flow retrofitting.
- Concentrations of dissolved gross alpha, dissolved gross beta, dissolved U-238, dissolved U-233/234, and dissolved U-235 increased by factors of over 1.5 to 2.5 in samples collected from RD-85 in the third quarter of 2011 using low-flow methodology relative to concentrations in the last samples collected prior to low-flow retrofitting.
- Concentrations of dissolved U-233/234 increased by a factor of over 1.5 in samples collected from RD-86 in the third quarter of 2011 using low-flow methodology relative to concentrations in the last samples collected prior to low-flow retrofitting.
- Concentrations of ethylbenzene, m-xylene & p-xylene, o-xylene, toluene, and dissolved U-233/234 increased by factors of over two to 4.5 in samples collected from RD-96 in the third quarter of 2011 using low-flow methodology relative to concentrations in the last samples collected prior to low-flow retrofitting.

5.0 2012 PLANNED ACTIVITIES

A statistical evaluation of background/concentration limits, as required by the 2010 Modified PCPs, is presented in Appendix G. For COCs with fewer than the minimum of four background well results required to determine proposed concentration limits, additional samples will be collected semi-annually (rather than annually as called for in the PCPs for background wells) until the required minimum of four samples have been collected. After DTSC approval of the proposed concentration limits, these values will be used as the standard of comparison for evaluating future data. In accordance with DTSC's February 17, 2012 letter (DTSC, 2012), the concentration limits will be re-evaluated and updated every two years to incorporate additional background well sample results; these updates will be presented in the annual monitoring reports summarizing the results of odd-numbered years (e.g., 2011, 2013, etc.).

In accordance with the PCPs and WQSAPs, the monitoring frequency for Regulated Unit Program wells during 2012 will be annual for background parameters and semi-annual for COCs, except at background monitoring locations which will be annual for COCs. For Regulated Units withless than four background well results for certain COCs, semi-annual sampling and analysis for those COCs will continue until at least four background well results for each COC have been acquired. The monitoring frequency for the Site-Wide Program will decrease from semi-annual in 2012 to annual starting in 2013.

The monitoring well networks included in the Regulated Unit Program and the Site-Wide Program were evaluated in compliance with the requirements of the PCPs and WQSAPs. Data included in this report indicate that the programs are providing effective monitoring of groundwater conditions at the site. One possible exception is 1,4-dioxane in the Northeast Plume near RD-39A where additional data are needed to further evaluate the extent of 1,4-dioxane in groundwater. Additional scheduled sampling of RD-39A in 2012, and sampling of seep cluster wells planned for installation at seep S-27 northeast of RD-39A during 2012, will help to address this data need.

5.1 OUTSTANDING ISSUES AND/OR FOLLOW-UP WORK

Low-flow retrofitting of Site-Wide wells was completed in 2011, except for the retrofit of RD-34B. Due to an obstruction at depth, it was recommended that retrofitting of RD-34B be abandoned and that the well be removed from the Site-Wide groundwater monitoring program (Boeing, 2011d). The disposition of this well is pending concurrence from DTSC.

6.0 REFERENCES

Boeing, 2011a. Confirmed Verification Sampling and Analysis Results, Proposed New Constituents of Concern. Letter to Mr. Rick Brausch, SSFL Project Director, Department of Toxic Substances Control. SHEA-110909. February 22.

Boeing, 2011b. Groundwater Sampling Schedule Alignment. Letter to Mr. Tom Seckington, Department of Toxic Substances Control. SHEA-111265. June 27.

Boeing, 2011c. Confirmed Verification Sampling and Analysis Results, Proposed New Constituents of Concern. Letter to Mr. Tom Seckington, Department of Toxic Substances Control. SHEA-111471. September 22.

Boeing, 2011d. RD-34B. E-mail from Michael O. Bower (The Boeing Company) to Mr. Tom Seckington, Department of Toxic Substances Control. November 5.

California Department of Public Health (DPH), 2006. "Article 16. Secondary Drinking Water Standards." http://www.cdph.ca.gov/certlic/drinkingwater/Documents/Recentlyadoptedregulations/R-21-03-finalregtext.pdf, updated May 2.

DPH, 2008. "Maximum Contaminant Levels and Regulatory Dates for Drinking Water, U.S. EPA vs California." http://www.cdph.ca.gov/certlic/drinkingwater/Documents/DWdocuments/EPAandCDPH-11-28-2008.pdf. Updated November.

DPH, 2010. "Drinking Water Notification Levels: An Overview." http://www.cdph.ca.gov/certlic/drinkingwater/Documents/Notificationlevels/NotificationLevels.pdf. Updated November 22.

California Department of Toxic Substances Control (DTSC), 1995. Hazardous Waste Facility Post-Closure Permits, Permit Numbers PC-94/95-3-02 and PC-94/95-3-03, Permits for Areas I and III and Area II, respectively, effective 11 May 1995.

DTSC, 2007. Consent Order for Corrective Action, Docket No. P3-07/08-003, In the Matter of Santa Susana Field Laboratory, Simi Hills, Ventura County, California. August.

DTSC, 2010a. Post-Closure Permit Modification No. PC-94/95-3-02, MOD SC3-111904-A for Areas I and III, Santa Susana Field Laboratory, Simi Hills, Ventura County, California.

DTSC, 2010b. Post Closure Permit Modification No. PC-94/95-3-03, MOD SC3-111904-B for Area II, Santa Susana Field Laboratory, Simi Hills, Ventura County, California.

DTSC, 2011. Approval of the Site-Wide Water Quality Sampling and Analysis Plan. Letter to Michael Bower, The Boeing Company. June 6.

DTSC, 2012. Letter to Mr. Tom Gallacher, Boeing, from Mark Malinowski, DTSC, regarding the Development of Proposed Concentration Limits for Constituents of Concern at SSFL Regulated Units. February 17.

Federal Register, 2000a. "Environmental Protection Agency, 40 CFR Parts 141, and 142, National Primary Drinking Water Regulations; Radionuclides; Proposed Rule." Federal Register Volume 65, Number 78, pp 21605 – 21614, Table II-3. April 21

Federal Register, 2000b. "Environmental Protection Agency, 40 CFR Parts 9, 141, and 142, National Primary Drinking Water Regulations; Radionuclides; Final Rule." Federal Register Volume 65, Number 236, pp 76708 – 76753. December 7.

Groundwater Resources Consultants, Inc. (GWRC), 1995a. Site-Wide Sampling and Analysis Plan, Santa Susana Field Laboratory, Rockwell International Corporation, Rocketdyne Division. May 3.

GWRC, 1995b. Sampling and Analysis Plan, Hazardous Waste Facility Post-Closure Permit PC-94/95-3-02, Areas I and III, Santa Susana Field Laboratory, Rockwell International Corporation, Rocketdyne Division. June 5.

GWRC, 1995c. Sampling and Analysis Plan, Hazardous Waste Facility Post-Closure Permit PC-94/95-3-03, Area II, Santa Susana Field Laboratory, Rockwell International Corporation, Rocketdyne Division. June 5.

GWRC, 2000. Annual Groundwater Monitoring Report. Santa Susana Field Laboratory, 1999, Boeing North American, Inc., Rocketdyne Propulsion & Power, Ventura County, California. February 28.

Haley & Aldrich, 2001. Report on Annual Groundwater Monitoring, 2000. Susana Field Laboratory, Simi Hills, Ventura County, California. February 28.

Haley & Aldrich, 2002a. Report on Annual Groundwater Monitoring, 2000. Susana Field Laboratory, Simi Hills, Ventura County, California. February 28.

Haley & Aldrich, 2002b. Report on Appendix IX Groundwater Monitoring, 2001, Santa Susana Field Laboratory, Ventura County, California. 22 March 2002.

Haley & Aldrich, 2003a. Report on Annual Groundwater Monitoring, 2002, Santa Susana Field Laboratory, Ventura County, California. 28 February 2003.

Haley & Aldrich, 2003b. Addendum to Report on Annual Groundwater Monitoring, 2002, Santa Susana Field Laboratory, Ventura County, California. 4 March 2003.

Haley & Aldrich, 2004. Report on Annual Groundwater Monitoring, 2003, Santa Susana Field Laboratory, Ventura County, California. 27 February 2004.

Haley & Aldrich, 2005. Report on Annual Groundwater Monitoring, 2004, Santa Susana Field Laboratory, Ventura County, California. 28 February 2005.

Haley & Aldrich, 2006. Report on Annual Groundwater Monitoring, 2005, Santa Susana Field Laboratory, Ventura County, California. 28 February 2006.

Haley & Aldrich, 2007. Report on Annual Groundwater Monitoring, 2006, Santa Susana Field Laboratory, Ventura County, California. 28 February 2007.

Haley & Aldrich, 2008. Report on Annual Groundwater Monitoring, 2007, Santa Susana Field Laboratory, Ventura County, California. 28 February 2008.

Haley & Aldrich, 2009a. Report on Annual Groundwater Monitoring, 2008, Santa Susana Field Laboratory, Ventura County, California. 28 February 2009.

Haley & Aldrich, 2009b. Draft Site-Wide Water Quality Sampling and Analysis Plan, Santa Susana Field Laboratory, Simi Hills, Ventura County, California, Revision 1, File No. 20080/M489. December.

Haley & Aldrich, 2010a. Report on Annual Groundwater Monitoring, 2009. Susana Field Laboratory, Simi Hills, Ventura County, California. February 26.

Haley & Aldrich, 2010b. Regulated Unit Water Quality Sampling and Analysis Plan, Areas I and III, Post-Closure Permit PC-94/95-3-02, Santa Susana Field Laboratory, Ventura County, California, April 2010.

Haley & Aldrich, 2010c. Regulated Unit Water Quality Sampling and Analysis Plan, Area II, Post-Closure Permit PC-94/95-3-03, Santa Susana Field Laboratory, Ventura County, California, April 2010.

Haley & Aldrich, 2010d. Summary of the Regulated Unit Groundwater Monitoring Programs Retrofit and Well Construction, Santa Susana Field Laboratory, Ventura County, California, August 2010.

Haley & Aldrich 2010e. Site-Wide Water Quality Sampling and Analysis Plan, Revision 1, Santa Susana Field Laboratory, Ventura County, California. December.

Haley & Aldrich, 2011. Site-Wide Low-Flow Implementation Summary, Santa Susana Field Laboratory, Ventura County, California. December.

HydroGeoLogic, Inc. (HGL), 2010. Quality Assurance Project Plan for Groundwater, Surface Water, and Sediment, Area IV Radiological Study, Santa Susana Field Laboratory, Ventura County, California, Prepared for U.S. Environmental Protection Agency Region 9, EPA AES Contract Number EP-S7-05-05, Task Order Number 0038, August 11

MECx, LP, 2009. Quality Assurance Project Plan, Santa Susana Field Laboratory (SSFL), RCRA Facility Investigation, Surficial Media Operable Unit, Revision 4, March.

Montgomery Watson, 2000. Conceptual Site Model, Movement of TCE in the Chatsworth Formation, 2000.

MWH, 2003. Susana Field Laboratory, Near-Surface Groundwater Characterization Report, Santa Susana Field Laboratory, Ventura County, California. November.

MWH, 2008. Work Plan, Site-Wide Groundwater Characterization. Santa Susana Field Laboratory, Ventura County, California. January.

MWH, 2009. Draft Site-Wide Groundwater Remedial Investigation Report, Santa Susana Field Laboratory, Ventura County, California, December.

MWH, 2010a. Health and Safety Plan, Revision 4, RCRA Corrective Action Program Activities, Santa Susana Field Laboratory, Ventura County, California. April.

MWH, 2010b. Groundwater Remedial Investigation Data Gap Sampling and Analysis Plan, Santa Susana Field Laboratory, Ventura County, California. March

MWH, 2011a. Report on Annual Groundwater Monitoring, 2010, Santa Susana Field Laboratory, Ventura County, California. March.

MWH, 2011b. Addendum to Report on Annual Groundwater Monitoring, 2010, Santa Susana Field Laboratory, Ventura County, California. April.

MWH, 2011c. Groundwater Monitoring Progress Report, First Quarter 2011, Santa Susana Field Laboratory, Ventura County, California. May.

MWH, 2011d. Groundwater Monitoring Progress Report, Third Quarter 2011, Santa Susana Field Laboratory, Ventura County, California. November.

Ogden, 2000. RCRA Facility Investigation Work Plan Addendum Amendment, Santa Susana Field Laboratory, Ventura County, California. June.

Regional Water Quality Control Board (RWQCB), Central Valley Region, 2008. A Compilation of Water Quality Goals, prepared by Jon D. Marshack, D.Env. July.

United States Environmental Protection Agency (EPA), 2011. "Preliminary Radiological Trigger Levels." http://yosemite.epa.gov/r9/sfund/r9sfdocw.nsf/84e3d3f74809433788257233007 94f02/27aebc3de0dac08888257515005dbdef/$FILE/Preliminary%20Radiological%20Tigger%20Levels%2028%20Sep%2011.pdf. September 28.

TABLES

TABLE 1
LIST OF WELLS AND MONITORING PROGRAMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Previous Well ID	Post-Closure Permit Regulated Unit Monitoring Program [1,3,4]								Site-Wide Monitoring Program [2,5]			LUFT Monitoring Program
		Permit for	Regulated Unit	POC	Bkgd	DM	EM	EM (aff)	CAIM	CAIM status	Sampling Program	Groundwater Impact Area	Water Level Monitoring Program	
ECL French Drain		Areas I & III	Other Extraction Wells						X	not active			X(+)	
ECL Sump		Areas I & III	Other Extraction Wells						X	not active			X(+)	
ES-01		Areas I & III	Other Extraction Wells						X	not active	X (+)	4	X	
ES-02													X	
ES-03		Areas I & III	Other Extraction Wells						X	not active			X	
ES-04		Areas I & III	Other Extraction Wells						X	not active			X	
ES-05		Areas I & III	Other Extraction Wells						X	not active			X	
ES-06		Areas I & III	Other Extraction Wells						X	not active			X	
ES-07		Areas I & III	Other Extraction Wells						X	not active			X	
ES-08													X	
ES-09													X	
ES-10													X	
ES-11		Areas I & III	Other Extraction Wells						X	not active			X	
ES-12													X	
ES-13													X	
ES-14		Areas I & III	Other Extraction Wells						X	not active	X (+)	12	X	
ES-15													X	
ES-16													X	
ES-17		Areas I & III	STL-IV-1	X		X	X	X	X	not active			X	
		Areas I & III	STL-IV-2		X									
ES-18													X	
ES-19													X	
ES-20													X	
ES-21		Area II	Other Extraction Wells						X	not active			X	
ES-22		Area II	Other Extraction Wells						X	not active			X	
ES-23		Areas I & III	Other Extraction Wells						X	not active			X	
ES-24		Areas I & III	Other Extraction Wells						X	not active			X	
ES-25													X	
ES-26		Areas I & III	STL-IV-1		X				X	not active			X	
ES-27		Areas I & III	STL-IV-1				X	X	X	not active			X	

TABLE 1
LIST OF WELLS AND MONITORING PROGRAMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Previous Well ID	Post-Closure Permit Regulated Unit Monitoring Program [1,3,4]								Site-Wide Monitoring Program [2,5]			LUFT Monitoring Program
		Permit for	Regulated Unit	POC	Bkgd	DM	EM	EM (aff)	CAIM	CAIM status	Sampling Program	Groundwater Impact Area	Water Level Monitoring Program	
ES-28													X	
ES-29											X (+)	12	X	
ES-30		Areas I & III	Other Extraction Wells						X	not active			X	
ES-31													X	
ES-32		Areas I & III	Other Extraction Wells						X	not active			X	
FDP-835											X	9	X (-)	
FDP-890											X	9	X (-)	
HAR-01		Areas I & III	APTF-1, APTF-2				X	X					X	
HAR-02		Areas I & III	APTF-1	X		X	X	X					X	
HAR-03		Areas I & III	APTF-1, APTF-2				X	X					X	
HAR-04		Areas I & III	APTF-2				X	X	X	not active			X	
HAR-05		Area II	SPA-1, SPA-2				X						X	
HAR-06													X	
HAR-07		Area II	Delta				X	X	X	not active			X	
HAR-08		Area II	Delta				X	X					X	
HAR-09		Area II	ABSP	X		X	X	X					X	
HAR-11		Area II	ABSP				X	X					X	
HAR-12		Area II	SPA-1			X	X	X					X	
HAR-13		Area II	SPA-1		X								X	
HAR-14		Area II	SPA-1	X		X	X	X					X	
HAR-15		Area II	SPA-2				X	X					X	
HAR-16		Areas I & III	APTF-1, APTF-2	X		X	X	X	X	not active			X	
HAR-17		Areas I & III	Other Extraction Wells						X	not active			X	
HAR-18		Areas I & III	Other Extraction Wells						X	not active			X	
HAR-19		Area II	ABSP			X	X	X					X	
HAR-20		Area II	ABSP				X	X					X	
HAR-21		Area II	ABSP				X	X					X	
HAR-22													X (+)	
HAR-23		Area II	SPA-1, SPA-2				X						X	
HAR-24													X	

TABLE 1
LIST OF WELLS AND MONITORING PROGRAMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

		Post-Closure Permit Regulated Unit Monitoring Program [1,3,4]								**Site-Wide Monitoring Program [2,5]**			
Well ID	Previous Well ID	Permit for	Regulated Unit	POC	Bkgd	DM	EM	EM (aff)	CAIM	CAIM status	Sampling Program	Groundwater Impact Area	Water Level Monitoring Program	**LUFT Monitoring Program**
HAR-25		Areas I & III	APTF-1, APTF-2				X						X	
HAR-26		Areas I & III	ECL				X	X					X	
HAR-27		Area II	Delta	X		X	X	X					X	
HAR-28		Area II	Delta			X	X	X					X	
HAR-29		Area II	Delta			X	X	X					X	
HAR-30		Area II	SPA-2			X	X	X					X	
HAR-31		Area II	SPA-2		X								X	
HAR-32		Areas I & III	STL-IV-1, STL-IV-2				X						X	
HAR-33		Areas I & III	STL-IV-1				X	X					X	
HAR-34													X	
OS-02											X	13, 14, 16, 17	X	
OS-03											X	13, 14, 16, 17	X	
OS-04											X	13, 14, 16, 17	X	
OS-05											X	13, 14, 16, 17	X	
OS-09											X	6	X	
OS-09R											X	6	X	
OS-13											X	1	X	
OS-16											X	1	X	
OS-24													X	
OS-25											X	1	X	
OS-26											X	1	X	
PZ-035		Areas I & III	STL-IV-2				X	X					X	
PZ-059		Area II	ABSP		X								X	
PZ-060		Area II	ABSP				X	X					X	
PZ-070		Area II	ABSP				X	X					X	
PZ-074											X	2	X	
PZ-076											X	4	X	
PZ-077											X	4	X	
PZ-078											X	4	X	
PZ-089		Areas I & III	APTF-2	X		X	X	X					X	

TABLE 1
LIST OF WELLS AND MONITORING PROGRAMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Previous Well ID	Post-Closure Permit Regulated Unit Monitoring Program [1,3,4]									Site-Wide Monitoring Program [2,5]			LUFT Monitoring Program
		Permit for	Regulated Unit	POC	Bkgd	DM	EM	EM (aff)	CAIM	CAIM status	Sampling Program	Groundwater Impact Area	Water Level Monitoring Program	
PZ-095											X	5	X	
PZ-097											X	17	X	
PZ-108											X (+)	15	X (+)	
PZ-123											X	2	X	
PZ-124											X	16	X	
RD-01		Areas I & III	Other Extraction Wells						X	not active	X	1	X	
RD-02		Areas I & III	Other Extraction Wells						X	not active	X	3	X	
RD-03		Areas I & III	APTF-1, APTF-2				X				X	4	X	
RD-04		Area II	Other Extraction Wells						X	not active			X	
RD-05A		Area II	Delta				X				X	9	X	
RD-05B		Area II	Delta				X				X	9	X	
RD-05C		Area II	Delta				X				X	9	X	
RD-06		Areas I & III	STL-IV-1, STL-IV-2				X				X	9	X	
RD-07											X (+)	16	X	
RD-08		Areas I & III	ECL				X	X					X	
RD-09		Area II	Other Extraction Wells						X	not active	X (+)	6	X	
RD-10											X	1, 2	X	
RD-11		Areas I & III	ECL				X	X					X	
RD-12		Areas I & III	ECL				X	X					X	
RD-13											X	18	X	
RD-14											X	7	X	
RD-15													X	
RD-16													X	
RD-17													X	
RD-18											X	13	X	
RD-19											X	13	X	
RD-20											X (+)	18	X	

TABLE 1
LIST OF WELLS AND MONITORING PROGRAMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

		Post-Closure Permit Regulated Unit Monitoring Program [1,3,4]								**Site-Wide Monitoring Program [2,5]**			
Well ID	Previous Well ID	Permit for	Regulated Unit	POC	Bkgd	DM	EM	EM (aff)	CAIM	CAIM status	Sampling Program	Groundwater Impact Area	Water Level Monitoring Program	**LUFT Monitoring Program**
RD-21													X	
RD-22													X	
RD-23													X	
RD-24													X	
RD-26													X	
RD-27													X	
RD-29													X	
RD-30													X	
RD-31													X	
RD-32											X	1	X	X
RD-33A											X	17	X	
RD-33B											X	17	X	
RD-33C											X	17	X	
RD-34A											X	13	X	
RD-34B											X	13	X	
RD-34C											X	13	X	
RD-35A											X (+)	1	X	
RD-35B											X (+)	1	X	
RD-36A		Areas I & III	APTF-1, APTF-2				X						X	X
RD-36B		Areas I & III	APTF-1, APTF-2				X						X	X
RD-36C		Areas I & III	APTF-1, APTF-2				X						X	X
RD-36D		Areas I & III	APTF-1, APTF-2				X						X	X
RD-37		Areas I & III	APTF-1, APTF-2				X				X	1	X	X
RD-38A		Areas I & III	APTF-1, APTF-2				X						X	X
RD-38B		Areas I & III	APTF-1, APTF-2				X				X	1	X	X
RD-39A		Areas I & III	APTF-1, APTF-2				X				X	1	X	
RD-39B		Areas I & III	APTF-1, APTF-2				X				X	1	X	
RD-40											X (+)	9	X	
RD-41A		Area II	Delta		X								X	
RD-41B											X	9	X	

TABLE 1
LIST OF WELLS AND MONITORING PROGRAMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Previous Well ID	Post-Closure Permit Regulated Unit Monitoring Program [1,3,4]								Site-Wide Monitoring Program [2,5]			LUFT Monitoring Program
		Permit for	Regulated Unit	POC	Bkgd	DM	EM	EM (aff)	CAIM	CAIM status	Sampling Program	Groundwater Impact Area	Water Level Monitoring Program	
RD-41C													X (+)	
RD-42											X (+)	9	X	
RD-43A		Areas I & III	APTF-1, APTF-2				X				X	1	X	
RD-43B		Areas I & III	APTF-1, APTF-2				X				X	1	X	
RD-43C		Areas I & III	APTF-1, APTF-2				X				X	1	X	
RD-44											X	3	X	
RD-45A		Areas I & III	APTF-1, APTF-2				X						X	
RD-45B		Areas I & III	APTF-1, APTF-2				X						X	
RD-45C		Areas I & III	APTF-1, APTF-2				X						X	
RD-46A		Areas I & III	APTF-1, APTF-2				X						X	
RD-46B		Areas I & III	APTF-1, APTF-2				X				X	4	X	
RD-47													X	
RD-48A		Areas I & III	APTF-1, APTF-2				X				X	4	X	
RD-48B		Areas I & III	APTF-1, APTF-2				X				X	4	X	
RD-48C		Areas I & III	APTF-1, APTF-2				X				X	4	X	
RD-49A		Area II	ABSP		X								X	
RD-49B		Area II	ABSP		X								X	
RD-49C		Area II	ABSP				X	X					X	
RD-50											X	17	X	
RD-51A		Areas I & III	APTF-1, APTF-2				X				X	6	X	
RD-51B		Areas I & III	APTF-1, APTF-2				X				X	6	X	
RD-51C		Areas I & III	APTF-1, APTF-2				X				X	6	X	
RD-52A		Areas I & III	APTF-1, APTF-2				X						X	
RD-52B		Areas I & III	APTF-1, APTF-2				X						X	
RD-52C		Areas I & III	APTF-1, APTF-2				X						X	
RD-53		Areas I & III	APTF-1, APTF-2				X						X	X
RD-54A											X (+)	17	X	
RD-54B													X	
RD-54C													X	
RD-55A		Areas I & III	STL-IV-1, STL-IV-2				X						X	

TABLE 1
LIST OF WELLS AND MONITORING PROGRAMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Previous Well ID	Post-Closure Permit Regulated Unit Monitoring Program [1,3,4]								Site-Wide Monitoring Program [2,5]			LUFT Monitoring Program
		Permit for	Regulated Unit	POC	Bkgd	DM	EM	EM (aff)	CAIM	CAIM status	Sampling Program	Groundwater Impact Area	Water Level Monitoring Program	
RD-55B		Areas I & III	STL-IV-1, STL-IV-2				X						X	
RD-56A											X (+)	7	X	
RD-56B											X (+)	7	X	
RD-57											X	17	X	
RD-58A		Areas I & III	STL-IV-1, STL-IV-2				X						X	
RD-58B		Areas I & III	STL-IV-1, STL-IV-2				X				X	9	X	
RD-58C		Areas I & III	STL-IV-1, STL-IV-2				X				X	9	X	
RD-59A											X	13, 14, 16, 17	X	
RD-59B											X	13, 14, 16, 17	X	
RD-59C											X	13, 14, 16, 17	X	
RD-60											X (+)	7	X (+)	
RD-61											X	4	X	
RD-62											X	4	X	
RD-63											X	13	X	
RD-64													X	
RD-65													X	
RD-66											X	1	X	
RD-67											X	9	X	
RD-68A		Area II	ABSP				X				X	7	X	
RD-68B		Area II	ABSP				X				X	7	X	
RD-69											X	5	X	
RD-70											X	6	X	
RD-71											X	1	X	
RD-72													X	
RD-73													X	X
RD-74													X	
RD-75											X	2	X	
RD-76											X	2	X	
RD-77		Areas I & III	APTF-1, APTF-2		X								X	
RD-78											X	1	X	

TABLE 1
LIST OF WELLS AND MONITORING PROGRAMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Previous Well ID	Post-Closure Permit Regulated Unit Monitoring Program [1,3,4]								Site-Wide Monitoring Program [2,5]			LUFT Monitoring Program
		Permit for	Regulated Unit	POC	Bkgd	DM	EM	EM (aff)	CAIM	CAIM status	Sampling Program	Groundwater Impact Area	Water Level Monitoring Program	
RD-80													X	
RD-81											X (+)	5	X	
RD-82											X (-)	5	X	
RD-83											X	6	X	
RD-84													X	
RD-85											X	13	X	
RD-86											X	13	X	
RD-87													X	
RD-88													X	
RD-89													X	
RD-90													X	
RD-91													X	
RD-92													X	
RD-93													X	
RD-94													X	
RD-95													X	
RD-96											X	16	X	
RD-97													X	
RD-98													X	
RD-104	PC-02	Area II	ABSP	X		X	X	X					X	
RS-01													X	X
RS-02													X	
RS-03													X	
RS-04													X	
RS-05													X	
RS-06													X	
RS-07		Areas I & III	APTF-1, APTF-2				X						X	
RS-08		Area II	ABSP				X	X					X	
RS-09													X	
RS-10		Area II	Delta		X								X	

TABLE 1
LIST OF WELLS AND MONITORING PROGRAMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Previous Well ID	Post-Closure Permit Regulated Unit Monitoring Program [1,3,4]								Site-Wide Monitoring Program [2,5]			LUFT Monitoring Program
		Permit for	Regulated Unit	POC	Bkgd	DM	EM	EM (aff)	CAIM	CAIM status	Sampling Program	Groundwater Impact Area	Water Level Monitoring Program	
RS-11													X	
RS-12													X	
RS-13		Areas I & III	STL-IV-1, STL-IV-2				X						X	
RS-14		Areas I & III	STL-IV-2			X	X	X					X	
RS-15													X	
RS-16													X	
RS-17													X	
RS-18											X (+)	17	X	
RS-19													X	
RS-20											X (+)	1	X	
RS-21													X	
RS-22													X	
RS-23													X	
RS-24													X	
RS-25													X	
RS-27													X	
RS-28													X	
RS-29													X	
RS-30													X	X
RS-31													X	X
RS-32													X	X
RS-33	PC-01	Areas I & III	STL-IV-2	X		X	X	X					X	
RS-34	PC-03	Area II	SPA-2	X		X	X	X					X	
RS-35	PZ-003	Areas I & III	APTF-1, APTF-2		X								X	
RS-54													X	
SH-01													X	
SH-02		Areas I & III	ECL			X							X	
SH-03		Areas I & III	ECL	X		X	X	X					X	
SH-04		Areas I & III	ECL				X	X					X	
SH-05													X	

TABLE 1
LIST OF WELLS AND MONITORING PROGRAMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

		Post-Closure Permit Regulated Unit Monitoring Program [1,3,4]								**Site-Wide Monitoring Program [2,5]**			
Well ID	Previous Well ID	Permit for	Regulated Unit	POC	Bkgd	DM	EM	EM (aff)	CAIM	CAIM status	Sampling Program	Groundwater Impact Area	Water Level Monitoring Program	**LUFT Monitoring Program**
SH-06													X	
SH-07		Areas I & III	ECL		X								X	
SH-08													X	
SH-09		Areas I & III	ECL			X	X	X					X	
SH-10													X	
SH-11		Areas I & III	ECL				X	X					X	
WS-04A		Area II	ABSP				X				X	5	X	
WS-05		Areas I & III	Other Extraction Wells						X	not active			X	
WS-06		Areas I & III	Other Extraction Wells						X	not active			X	
WS-07													X	
WS-08													X	
WS-09		Area II	Other Extraction Wells						X	not active			X	
WS-09A		Area II	Other Extraction Wells						X	active	X	9	X	
WS-09B													X	
WS-11													X	
WS-12													X	
WS-13													X	
WS-14													X	
WS-SP													X	
TOTALS: ***285***		***124***		***11***	***12***	***19***	***86***	***40***	***32***	***1***	***100***		***285***	***14***

TABLE 1
LIST OF WELLS AND MONITORING PROGRAMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

NOTES AND ABBREVIATIONS

POC	Point of Compliance
Bkgd	Background
DM	Detection Monitoring
EM	Evaluation Monitoring
EM (aff)	Evaluation Monitoring (affected media)
CAIM	Corrective Action Interim Measures
LUFT	Leaking Underground Fuel Tanks

(+) Added to Site-Wide Monitoring Program in third quarter 2011 with implementation of DTSC-approved December 2010 Site-Wide Water Quality Sampling and Analysis Plan

(-) Removed from Site-Wide Monitoring Program in third quarter 2011 with implementation of DTSC-approved December 2010 Site-Wide Water Quality Sampling and Analysis Plan

[1] California Department of Toxic Substances Control, 2010. Hazardous Waste Facility Post-Closure Permit, Regional Permit Numbers PC 94/95-3-02 and PC-94/95-3-03. Permits for Areas I and III, and Area II, revised January 5, 2010.

[2] Haley & Aldrich, 2009. Draft Site-Wide Water Quality Sampling and Analysis Plan, Santa Susana Field Laboratory, Simi Hills, Ventura County, California, Revision 1, File No. 20080/M489. December.

[3] Haley & Aldrich, 2010. Regulated Unit Water Quality Sampling and Analysis Plan, Areas I and III, Post-Closure Permit PC-94/95-3-02, Santa Susana Field Laboratory, Ventura County, California, April.

[4] Haley & Aldrich, 2010. Regulated Unit Water Quality Sampling and Analysis Plan, Area II, Post Closure Permit PC-94/95-3-03, Santa Susana Field Laboratory, Ventura County, California, April.

[5] Haley & Aldrich, 2010. Site-Wide Water Quality Sampling and Analysis Plan, Santa Susana Field Laboratory, Simi Hills, Ventura County, California, Revision 1, File No. 20090-456/556/656/M489. December.

TABLE 2
MODIFICATIONS TO MONITORING WELL NETWORK AND EQUIPMENT, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

WELL MAINTENANCE

Well ID	Quarter Identified	Issue Identification Date	Issue	Issue Resolution	Quarter Resolved	Issue Resolution Date
ES-17	2010Q3	7/20/2010	Concrete pad/apron shifts under load due to soil erosion.	Repair planned for 2012Q1.	Pending	Pending
HAR-12	2010Q3	7/20/2010	Needs new well sign.	Replacement installed.	2011Q1	1/7/2011
HAR-13	2010Q3	7/20/2010	Needs new well sign.	Replacement installed.	2011Q1	1/7/2011
HAR-14	2010Q3	7/20/2010	Needs new well sign.	Replacement installed.	2011Q1	1/7/2011
HAR-30	2011Q1	1/10/2011	Well casing bent at surface	Repair planned for 2012Q1.	Pending	Pending
PZ-005	2011Q1	2/24/2011	Well casing extends 2 feet above flush-mount completion.	Repair planned for 2012Q1.	Pending	Pending
PZ-051	2011Q2	6/21/2011	Well casing bent, cannot lower pump below bend.	Repair planned for 2012Q1.	Pending	Pending
PZ-059	2010Q3	7/20/2010	Concrete pad/apron shifts under load due to soil erosion.	Repair planned for 2012Q1.	Pending	Pending
PZ-068	2010Q4	11/15/2010	Concrete pad/apron damaged.	New pad installed.	2011Q1	1/7/2011
PZ-083	2011Q3	8/5/2011	New locking vault and concrete pad needed; well currently covered by metal plate.	Repair planned for 2012Q1.	Pending	Pending
PZ-097	2010Q3	2010Q3	Unable to get pump down well; casing melted and bent from ground surface to top of casing.	New casing installed.	2010Q4	12/1/2010
PZ-104	2011Q3	8/5/2011	Casing melted and bent; cannot lower pump down well.	Repair planned for 2012Q1.	Pending	Pending
PZ-107	2011Q3	8/5/2011	Casing bent; cannot lower pump down well.	Repair planned for 2012Q1.	Pending	Pending
PZ-114	2011Q1	1/10/2011	Well casing bent approximately 3 ft below top	Repair scheduled for 2012Q1.	Pending	Pending
PZ-115	2011Q3	8/5/2011	Casing melted.	Repair planned for 2012Q1.	Pending	Pending
PZ-128	2011Q2	6/21/2011	Roots in well	Repair scheduled for 2012Q1.	Pending	Pending
PZ-150	2011Q1	1/10/2011	Hornets in well	Hornet nest removed.	2011Q2	2011Q2
PZ-161	2011Q1	1/10/2011	Hornets in well	Hornet nest removed.	2011Q2	2011Q2
RD-01	2011Q1	1/28/2011	Low-flow pump does not appear to purge water.	Pump repaired.	2011Q2	2011Q2
RD-02	2011Q2	6/21/2011	Stovepipe well monument removed.	Repair scheduled for 2012Q1.	Pending	Pending
RD-07	2010Q3	8/25/2010	Needs new well sign and post.	Replacement scheduled for 2012Q1.	Pending	Pending
RD-10	2010Q4	12/2010	Obstruction encountered at 225 ft below grade during retrofit for low-flow pump.	Video survey performed by H&A. Low-flow retrofit complete.	2011Q3	8/16/2011

TABLE 2
MODIFICATIONS TO MONITORING WELL NETWORK AND EQUIPMENT, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

WELL MAINTENANCE *(cont'd)*

Well ID	Quarter Identified	Issue Identification Date	Issue	Issue Resolution	Quarter Resolved	Issue Resolution Date
RD-13	2010Q3	7/21/2010	Concrete pad/apron shifts under load due to soil erosion.	Gravel base installed and compacted; no subsequent shifting.	2010Q4	12/1/2010
RD-14	2010Q3	7/21/2010	Concrete pad/apron shifts under load due to soil erosion.	Gravel base installed and compacted; no subsequent shifting.	2010Q4	12/1/2010
RD-17	2010Q3	7/21/2010	Needs new well sign.	Replacement scheduled for 2012Q1.	Pending	Pending
RD-33A	2010Q3	8/23/2010	Needs new well sign and post.	Replacement installed.	2011Q1	1/7/2011
RD-37	2011Q1	1/10/2011	Bolts and sockets on well monument are stripped.	Bolts replaced.	2010Q4	12/1/2010
RD-38B	2011Q1	1/10/2011	Vault box gaskets need to be replaced.	New gasket installed.	2010Q4	12/1/2010
RD-49C	2010Q3	7/20/2010	Well sign needs new signpost.	Replacement scheduled for 2012Q1.	Pending	Pending
RD-54B	2011Q1	1/11/2011	Well lid not secure.	Repair scheduled for 2012Q1.	Pending	Pending
RD-55A	2011Q2	6/21/2011	Needs new well sign.	Repair scheduled for 2012Q1.	Pending	Pending
RD-55B	2011Q2	6/21/2011	Wasp nest in well monument.	Nest removal scheduled for 2012Q1.	Pending	Pending
RD-63	2011Q1	2/3/2011	Pump failure.	Pump repaired.	2011Q2	6/28/2011
RD-81	2010Q3	7/19/2010	Signpost loose.	Well sign secured.	2011Q1	1/7/2011
RD-83	2010Q3	7/19/2010	Well sign and post missing.	Replacement planned for 2012Q1.	Pending	Pending
RD-96	2010Q4	2010Q4	Needs new well sign.	Well sign replaced.	2010Q4	12/1/2010
RS-18	2010Q3	7/21/2010	Needs new well sign and post.	Well sign replaced.	2010Q4	12/1/2010
RS-19	2011Q1	2/24/2011	Bend in casing approximately 10 feet below top of casing.	Repair scheduled for 2012Q1.	Pending	Pending
WS-12	2010Q3	7/19/2010	Well sign missing.	Well sign replaced.	2011Q2	4/4/2011
WS-13	2011Q3	7/27/2011	Missing well monument.	Repair planned for 2012Q1.	Pending	Pending

EQUIPMENT MODIFICATIONS

Well ID	Quarter	Modification Date	Description
ES-01	2011Q2	6/30/2011	Installation of low-flow bladder pump complete.
ES-14	2011Q2	6/15/2011	Installation of low-flow bladder pump complete.
ES-29	2011Q2	6/15/2011	Installation of low-flow bladder pump complete.
RD-01	2010Q4	12/6/2010	Installation of low-flow bladder pump complete.
RD-09	2011Q2	6/28/2011	Installation of low-flow bladder pump complete.
RD-10	2011Q3	8/16/2011	Low-flow retrofit with variable-frequency drive (VFD) pump installation complete.
RD-13	2011Q2	6/28/2011	Installation of low-flow bladder pump complete.
RD-14	2011Q2	6/27/2011	Installation of low-flow bladder pump complete.
RD-18	2011Q2	6/28/2011	Installation of low-flow bladder pump complete.
RD-19	2011Q2	6/27/2011	Installation of low-flow bladder pump complete.

TABLE 2
MODIFICATIONS TO MONITORING WELL NETWORK AND EQUIPMENT, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

EQUIPMENT MODIFICATIONS *(cont'd)*

Well ID	Quarter	Modification Date	Description
RD-20	2011Q2	6/28/2011	Installation of low-flow bladder pump complete.
RD-32	2011Q1	1/25/2011	Installation of low-flow bladder pump complete.
RD-33B	2011Q2	6/29/2011	Installation of low-flow bladder pump complete.
RD-33C	2011Q2	6/29/2011	Installation of low-flow bladder pump complete.
RD-34A	2011Q2	6/29/2011	Installation of low-flow bladder pump complete.
RD-34B	pending	pending	Awaiting DTSC concurrence with removal from monitoring program due to installation complications.
RD-34C	2011Q2	6/29/2011	Installation of low-flow bladder pump complete.
RD-35A	2011Q2	6/16/2011	Installation of low-flow bladder pump complete.
RD-35B	2011Q2	6/30/2011	Installation of low-flow bladder pump complete.
RD-40	2011Q2	6/27/2011	Installation of low-flow bladder pump complete.
RD-41B	2010Q4	11/29/2010	Installation of low-flow bladder pump complete.
RD-42	2011Q2	6/27/2011	Installation of low-flow bladder pump complete.
RD-44	2011Q1	1/25/2011	Installation of low-flow bladder pump complete.
RD-56A	2011Q2	6/16/2011	Installation of low-flow bladder pump complete.
RD-56B	2011Q2	6/23/2011	Installation of low-flow bladder pump complete.
RD-59A	2011Q2	6/30/2011	Installation of low-flow bladder pump complete.
RD-60	2011Q2	6/15/2011	Installation of low-flow bladder pump complete.
RD-61	2011Q1	1/19/2011	Installation of low-flow bladder pump complete.
RD-62	2011Q1	1/21/2011	Installation of low-flow bladder pump complete.
RD-63	2011Q2	6/28/2011	Installation of low-flow bladder pump complete.
RD-66	2011Q1	1/18/2011	Installation of low-flow bladder pump complete.
RD-67	2011Q1	1/19/2011	Installation of low-flow bladder pump complete.
RD-69	2011Q1	1/20/2011	Installation of low-flow bladder pump complete.
RD-71	2010Q4	12/1/2010	Installation of low-flow bladder pump complete.
RD-76	2011Q1	1/19/2011	Installation of low-flow bladder pump complete.
RD-78	2010Q4	12/1/2010	Installation of low-flow bladder pump complete.
RD-81	2011Q2	6/17/2011	Installation of low-flow bladder pump complete.
RD-82	2011Q1	1/20/2011	Installation of low-flow bladder pump complete.
RD-83	2011Q1	1/20/2011	Installation of low-flow bladder pump complete.
RD-85	2011Q2	6/27/2011	Installation of low-flow bladder pump complete.
RD-86	2011Q2	6/27/2011	Installation of low-flow bladder pump complete.
RD-96	2011Q2	6/29/2011	Installation of low-flow bladder pump complete.

TABLE 2
MODIFICATIONS TO MONITORING WELL NETWORK AND EQUIPMENT, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

WELL CONSTRUCTION			
Well ID	**Quarter**	**Completion Date**	**Description**
RD-99	2011Q4	9/26/2011	Chatsworth monitoring well.
RD-100	2011Q4	11/4/2011	Chatsworth monitoring well.
RD-102	2011Q4	11/16/2011	Chatsworth monitoring well.
RD-103	2011Q4	10/19/2011	Chatsworth monitoring well.
RS-36	2011Q4	11/21/2011	Shallow monitoring well.
WELL DEVELOPMENT			
Well ID	**Quarter**		**Description**
RD-99	2011Q4		Development complete.
RD-100	2011Q4		Development complete.
RD-102	2011Q4		Development complete.
RD-103	2011Q4		Development complete.
RS-35	pending		Well contained insufficient water for development.
RS-36	2011Q4		Development complete.

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
ECL SUMP	Shallow	01/10/2011	1511.00	4.77	1506.23	
ECL SUMP	Shallow	04/05/2011	1511	3.93	1507.07	
ECL SUMP	Shallow	07/06/2011	1511	7.18	1503.82	
ECL SUMP	Shallow	10/11/2011	1511	9.89	1501.11	
ECL-FD	Shallow	01/10/2011	1525	5.28	1519.72	
ECL-FD	Shallow	04/05/2011	1525	4.59	1520.41	
ECL-FD	Shallow	07/06/2011	1525	9.28	1515.72	
ECL-FD	Shallow	10/11/2011	1525	Dry	--	
ES-01	Shallow	01/11/2011	1782.7	19.23	1763.47	
ES-01	Shallow	04/06/2011	1782.7	14.10	1768.6	
ES-01	Shallow	07/07/2011	1782.7	14.66	1768.04	
ES-01	Shallow	10/10/2011	1782.7	17.20	1765.5	
ES-02	Shallow	01/11/2011	1814.6	Dry	--	
ES-02	Shallow	04/05/2011	1814.6	1.14	1813.46	
ES-02	Shallow	07/07/2011	1814.6	6.28	1808.32	
ES-02	Shallow	10/10/2011	1814.6	14.37	1800.23	
ES-03	Shallow	01/11/2011	1783.39	20.40	1762.99	
ES-03	Shallow	04/06/2011	1783.39	15.26	1768.13	
ES-03	Shallow	07/07/2011	1783.39	15.49	1767.9	
ES-03	Shallow	10/10/2011	1783.39	14.26	1769.13	
ES-04	Shallow	01/11/2011	1817.24	11.66	1805.58	
ES-04	Shallow	04/05/2011	1817.24	0.87	1816.37	
ES-04	Shallow	07/07/2011	1817.24	Dry	--	
ES-04	Shallow	10/10/2011	1817.24	Dry	--	
ES-05	Shallow	01/11/2011	1818.13	9.39	1808.74	
ES-05	Shallow	04/05/2011	1818.13	0.62	1817.51	
ES-05	Shallow	07/07/2011	1818.13	Dry	--	
ES-05	Shallow	10/10/2011	1818.13	Dry	--	
ES-06	Shallow	01/11/2011	1825.41	10.59	1814.82	
ES-06	Shallow	04/04/2011	1825.41	4.74	1820.67	
ES-06	Shallow	07/07/2011	1825.41	16.95	1808.46	
ES-06	Shallow	10/10/2011	1825.41	18.24	1807.17	
ES-07	Shallow	01/11/2011	1826.53	Dry	--	
ES-07	Shallow	04/04/2011	1826.53	10.82	1815.71	
ES-07	Shallow	07/07/2011	1826.53	24.34	1802.19	
ES-07	Shallow	10/10/2011	1826.53	Dry	--	
ES-08	Shallow	01/11/2011	1826.6	13.89	1812.71	
ES-08	Shallow	04/05/2011	1826.6	8.71	1817.89	
ES-08	Shallow	07/07/2011	1826.6	24.92	1801.68	
ES-08	Shallow	10/10/2011	1826.6	Dry	--	
ES-09	Shallow	01/11/2011	1827.8	6.70	1821.10	
ES-09	Shallow	04/05/2011	1827.8	4.56	1823.24	
ES-09	Shallow	07/07/2011	1827.8	12.45	1815.35	
ES-09	Shallow	10/10/2011	1827.8	Dry	--	
ES-10	Shallow	01/11/2011	1829.46	8.84	1820.62	
ES-10	Shallow	04/05/2011	1829.46	5.64	1823.82	
ES-10	Shallow	07/07/2011	1829.46	13.22	1816.24	
ES-10	Shallow	10/10/2011	1829.46	Dry	--	

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
ES-11	Shallow	01/11/2011	1835.07	15.82	1819.25	
ES-11	Shallow	04/04/2011	1835.07	14.77	1820.3	
ES-11	Shallow	07/07/2011	1835.07	Dry	--	
ES-11	Shallow	10/10/2011	1835.07	Dry	--	
ES-12	Shallow	01/11/2011	1838.19	9.69	1828.50	
ES-12	Shallow	04/04/2011	1838.19	9.78	1828.41	
ES-12	Shallow	07/07/2011	1838.19	23.81	1814.38	
ES-12	Shallow	10/10/2011	1838.19	Dry	--	
ES-13	Shallow	01/11/2011	1782.58	16.39	1766.19	
ES-13	Shallow	04/06/2011	1782.58	13.16	1769.42	
ES-13	Shallow	07/07/2011	1782.58	13.55	1769.03	
ES-13	Shallow	10/10/2011	1782.58	15.85	1766.73	
ES-14	Shallow	01/10/2011	1727.85	Dry	--	
ES-14	Shallow	04/05/2011	1727.85	18.83	1709.02	
ES-14	Shallow	07/06/2011	1727.85	17.65	1710.2	
ES-14	Shallow	10/11/2011	1727.85	23.16	1704.69	
ES-15	Shallow	01/10/2011	1730.21	Dry	--	
ES-15	Shallow	04/05/2011	1730.21	19.54	1710.67	
ES-15	Shallow	07/06/2011	1730.21	19.98	1710.23	
ES-15	Shallow	10/11/2011	1730.21	25.60	1704.61	
ES-16	Shallow	01/10/2011	1737.9	Dry	--	
ES-16	Shallow	04/05/2011	1737.9	18.93	1718.97	
ES-16	Shallow	07/06/2011	1737.9	16.18	1721.72	
ES-16	Shallow	10/11/2011	1737.9	Dry	--	
ES-17	Shallow	01/10/2011	1739.24	20.07	1719.17	
ES-17	Shallow	04/05/2011	1739.24	9.35	1729.89	
ES-17	Shallow	07/06/2011	1739.24	14.24	1725	
ES-17	Shallow	10/11/2011	1739.24	22.24	1717	
ES-18	Shallow	01/11/2011	1770.25	Dry	--	
ES-18	Shallow	04/04/2011	1770.25	23.26	1746.99	
ES-18	Shallow	07/08/2011	1770.25	26.06	1744.19	
ES-18	Shallow	10/12/2011	1770.25	Dry	--	
ES-19	Shallow	01/11/2011	1769.44	Dry	--	
ES-19	Shallow	04/04/2011	1769.44	25.32	1744.12	
ES-19	Shallow	07/07/2011	1769.44	25.17	1744.27	
ES-19	Shallow	10/12/2011	1769.44	Dry	--	
ES-20	Shallow	01/11/2011	1770.58	Dry	--	
ES-20	Shallow	04/04/2011	1770.58	23.19	1747.39	
ES-20	Shallow	07/07/2011	1770.58	Dry	--	
ES-20	Shallow	10/12/2011	1770.58	Dry	--	
ES-21	Shallow	01/11/2011	1769.62	31.31	1738.31	
ES-21	Shallow	04/04/2011	1769.62	25.60	1744.02	
ES-21	Shallow	07/08/2011	1769.62	25.24	1744.38	
ES-21	Shallow	10/12/2011	1769.62	28.50	1741.12	
ES-22	Shallow	01/11/2011	1770.93	32.17	1738.76	
ES-22	Shallow	04/04/2011	1770.93	27.50	1743.43	
ES-22	Shallow	07/07/2011	1770.93	26.32	1744.61	
ES-22	Shallow	10/12/2011	1770.93	29.27	1741.66	

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
ES-23	Shallow	01/10/2011	1760.73	9.07	1751.66	
ES-23	Shallow	04/06/2011	1760.73	7.08	1753.65	
ES-23	Shallow	07/06/2011	1760.73	9.47	1751.26	
ES-23	Shallow	10/11/2011	1760.73	10.82	1749.91	
ES-24	Shallow	01/10/2011	1728.67	26.61	1702.06	
ES-24	Shallow	04/05/2011	1728.67	20.12	1708.55	
ES-24	Shallow	07/06/2011	1728.67	20.98	1707.69	
ES-24	Shallow	10/11/2011	1728.67	25.72	1702.95	
ES-25	Shallow	01/10/2011	1737.78	Dry	--	
ES-25	Shallow	04/05/2011	1737.78	33.58	1704.20	
ES-25	Shallow	07/06/2011	1737.78	32.60	1705.18	
ES-25	Shallow	10/11/2011	1737.78	Dry	--	
ES-26	Shallow	01/10/2011	1748.04	18.03	1730.01	
ES-26	Shallow	04/05/2011	1748.04	8.25	1739.79	
ES-26	Shallow	07/06/2011	1748.04	13.22	1734.82	
ES-26	Shallow	10/11/2011	1748.04	20.14	1727.9	
ES-27	Shallow	01/10/2011	1740.34	22.51	1717.83	
ES-27	Shallow	04/05/2011	1740.34	9.84	1730.5	
ES-27	Shallow	07/06/2011	1740.34	14.75	1725.59	
ES-27	Shallow	10/11/2011	1740.34	22.37	1717.97	
ES-28	Shallow	01/10/2011	1759.15	7.88	1751.27	
ES-28	Shallow	04/06/2011	1759.15	6.67	1752.48	
ES-28	Shallow	07/06/2011	1759.15	8.75	1750.4	
ES-28	Shallow	10/11/2011	1759.15	9.86	1749.29	
ES-29	Shallow	01/10/2011	1761.06	8.60	1752.46	
ES-29	Shallow	04/06/2011	1761.06	7.31	1753.75	
ES-29	Shallow	07/06/2011	1761.06	9.74	1751.32	
ES-29	Shallow	10/11/2011	1761.06	10.91	1750.15	
ES-30	Shallow	01/10/2011	1759.51	8.98	1750.53	
ES-30	Shallow	04/06/2011	1759.51	7.87	1751.64	
ES-30	Shallow	07/06/2011	1759.51	9.58	1749.93	
ES-30	Shallow	10/11/2011	1759.51	10.38	1749.13	
ES-31	Shallow	01/10/2011	1787.01	10.19	1776.82	
ES-31	Shallow	04/05/2011	1787.01	5.86	1781.15	
ES-31	Shallow	07/06/2011	1787.01	11.00	1776.01	
ES-31	Shallow	10/10/2011	1787.01	13.75	1773.26	
ES-32	Shallow	01/10/2011	1740.65	Dry	--	
ES-32	Shallow	04/05/2011	1740.65	8.85	1731.80	
ES-32	Shallow	07/06/2011	1740.65	14.63	1726.02	
ES-32	Shallow	10/11/2011	1740.65	20.93	1719.72	
FDP-835	Seep	01/12/2011	--	UTM	--	(*I)
FDP-835	Seep	04/06/2011	--	UTM	--	(*I)
FDP-835	Seep	07/06/2011	--	Dry	--	(I)
FDP-835	Seep	10/10/2011	--	Dry	--	(I)
FDP-890	Seep	01/12/2011	--	UTM	--	(*I)
FDP-890	Seep	04/06/2011	--	UTM	--	(*I)
FDP-890	Seep	07/06/2011	--	Dry	--	(I)
FDP-890	Seep	10/10/2011	--	Dry	--	(I)

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
HAR-01	Chatsworth	01/11/2011	1874.20	64.80	1809.40	
HAR-01	Chatsworth	04/04/2011	1874.2	63.70	1810.5	
HAR-01	Chatsworth	07/07/2011	1874.2	61.61	1812.59	
HAR-01	Chatsworth	10/10/2011	1874.2	60.92	1813.28	
HAR-02	Shallow	01/11/2011	1886.38	Dry	--	
HAR-02	Shallow	04/04/2011	1886.38	18.31	1868.07	
HAR-02	Shallow	07/07/2011	1886.38	28.91	1857.47	
HAR-02	Shallow	10/10/2011	1886.38	Dry	--	
HAR-03	Shallow	01/11/2011	1875.35	17.26	1858.09	
HAR-03	Shallow	04/04/2011	1875.35	12.60	1862.75	
HAR-03	Shallow	07/07/2011	1875.35	19.64	1855.71	
HAR-03	Shallow	10/10/2011	1875.35	Dry	--	
HAR-04	Shallow	01/11/2011	1873.4	17.00	1856.40	
HAR-04	Shallow	04/04/2011	1873.4	12.14	1861.26	
HAR-04	Shallow	07/07/2011	1873.4	18.84	1854.56	
HAR-04	Shallow	10/10/2011	1873.4	21.64	1851.76	
HAR-05	Chatsworth	01/11/2011	1812.72	27.24	1785.48	
HAR-05	Chatsworth	04/05/2011	1812.72	19.76	1792.96	
HAR-05	Chatsworth	07/07/2011	1812.72	20.71	1792.01	
HAR-05	Chatsworth	10/12/2011	1812.72	24.61	1788.11	
HAR-06	Chatsworth	01/11/2011	1815.03	26.39	1788.64	
HAR-06	Chatsworth	04/05/2011	1815.03	10.84	1804.19	
HAR-06	Chatsworth	07/07/2011	1815.03	19.00	1796.03	
HAR-06	Chatsworth	10/12/2011	1815.03	24.15	1790.88	
HAR-07	Chatsworth	01/10/2011	1728.61	35.80	1692.81	
HAR-07	Chatsworth	04/05/2011	1728.61	29.42	1699.19	
HAR-07	Chatsworth	07/06/2011	1728.61	51.51	1677.1	
HAR-07	Chatsworth	10/11/2011	1728.61	71.44	1657.17	
HAR-08	Chatsworth	01/10/2011	1730.78	42.38	1688.4	
HAR-08	Chatsworth	04/05/2011	1730.78	34.29	1696.49	
HAR-08	Chatsworth	07/06/2011	1730.78	42.10	1688.68	
HAR-08	Chatsworth	10/11/2011	1730.78	48.69	1682.09	
HAR-09	Shallow	01/11/2011	1821.42	9.94	1811.48	
HAR-09	Shallow	04/05/2011	1821.42	6.09	1815.33	
HAR-09	Shallow	07/07/2011	1821.42	12.34	1809.08	
HAR-09	Shallow	10/11/2011	1821.42	14.57	1806.85	
HAR-11	Shallow	01/11/2011	1827.78	10.29	1817.49	
HAR-11	Shallow	04/05/2011	1827.78	7.86	1819.92	
HAR-11	Shallow	07/07/2011	1827.78	13.62	1814.16	
HAR-11	Shallow	10/11/2011	1827.78	17.14	1810.64	
HAR-12	Shallow	01/11/2011	1797.23	11.30	1785.93	
HAR-12	Shallow	04/05/2011	1797.23	6.90	1790.33	
HAR-12	Shallow	07/07/2011	1797.23	12.34	1784.89	
HAR-12	Shallow	10/12/2011	1797.23	15.61	1781.62	
HAR-13	Shallow	01/11/2011	1801.09	15.57	1785.52	
HAR-13	Shallow	04/05/2011	1801.09	9.16	1791.93	
HAR-13	Shallow	07/07/2011	1801.09	15.51	1785.58	
HAR-13	Shallow	10/12/2011	1801.09	18.56	1782.53	

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
HAR-14	Shallow	01/11/2011	1796.91	12.07	1784.84	
HAR-14	Shallow	04/05/2011	1796.91	7.56	1789.35	
HAR-14	Shallow	07/07/2011	1796.91	12.57	1784.34	
HAR-14	Shallow	10/12/2011	1796.91	15.04	1781.87	
HAR-15	Shallow	01/11/2011	1809.57	21.52	1788.05	
HAR-15	Shallow	04/05/2011	1809.57	13.69	1795.88	
HAR-15	Shallow	07/07/2011	1809.57	13.90	1795.67	
HAR-15	Shallow	10/12/2011	1809.57	18.46	1791.11	
HAR-16	Chatsworth	01/11/2011	1872.61	58.68	1813.93	
HAR-16	Chatsworth	04/04/2011	1872.61	55.15	1817.46	
HAR-16	Chatsworth	07/07/2011	1872.61	53.85	1818.76	
HAR-16	Chatsworth	10/10/2011	1872.61	54.72	1817.89	
HAR-17	Chatsworth	01/10/2011	1711.59	20.63	1690.96	
HAR-17	Chatsworth	04/05/2011	1711.59	12.50	1699.09	
HAR-17	Chatsworth	07/06/2011	1711.59	15.62	1695.97	
HAR-17	Chatsworth	10/11/2011	1711.59	21.06	1690.53	
HAR-18	Chatsworth	01/10/2011	1749.41	33.38	1716.03	
HAR-18	Chatsworth	04/05/2011	1749.41	27.73	1721.68	
HAR-18	Chatsworth	07/06/2011	1749.41	24.69	1724.72	
HAR-18	Chatsworth	10/11/2011	1749.41	26.76	1722.65	
HAR-19	Chatsworth	01/11/2011	1833.75	184.97	1648.78	
HAR-19	Chatsworth	04/05/2011	1833.75	182.23	1651.52	
HAR-19	Chatsworth	07/07/2011	1833.75	179.44	1654.31	
HAR-19	Chatsworth	10/11/2011	1833.75	178.69	1655.06	
HAR-20	Chatsworth	01/20/2011	1830.65	181.38	1649.27	
HAR-20	Chatsworth	04/05/2011	1830.65	178.59	1652.06	
HAR-20	Chatsworth	07/07/2011	1830.65	176.00	1654.65	
HAR-20	Chatsworth	10/11/2011	1830.65	175.94	1654.71	
HAR-21	Chatsworth	01/11/2011	1821.42	8.78	1812.64	
HAR-21	Chatsworth	04/05/2011	1821.42	4.34	1817.08	
HAR-21	Chatsworth	07/07/2011	1821.42	9.82	1811.6	
HAR-21	Chatsworth	10/11/2011	1821.42	13.29	1808.13	
HAR-22	Chatsworth	01/11/2011	1816.41	35.17	1781.24	
HAR-22	Chatsworth	04/05/2011	1816.41	32.31	1784.1	
HAR-22	Chatsworth	07/07/2011	1816.41	28.20	1788.21	
HAR-22	Chatsworth	10/12/2011	1816.41	31.11	1785.3	
HAR-23	Chatsworth	01/11/2011	1806.13	21.02	1785.11	
HAR-23	Chatsworth	04/05/2011	1806.13	15.56	1790.57	
HAR-23	Chatsworth	07/07/2011	1806.13	19.82	1786.31	
HAR-23	Chatsworth	10/12/2011	1806.13	22.98	1783.15	
HAR-24	Chatsworth	01/11/2011	1906.89	93.53	1813.36	
HAR-24	Chatsworth	04/04/2011	1906.89	90.89	1816	
HAR-24	Chatsworth	07/07/2011	1906.89	88.64	1818.25	
HAR-24	Chatsworth	10/10/2011	1906.89	89.04	1817.85	
HAR-25	Chatsworth	01/11/2011	1890	74.42	1815.58	
HAR-25	Chatsworth	04/04/2011	1890	71.80	1818.2	
HAR-25	Chatsworth	07/07/2011	1890	69.95	1820.05	
HAR-25	Chatsworth	10/10/2011	1890	70.14	1819.86	

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
HAR-26	Chatsworth	01/10/2011	1763.46	19.31	1744.15	
HAR-26	Chatsworth	04/06/2011	1763.46	14.24	1749.22	
HAR-26	Chatsworth	07/06/2011	1763.46	16.38	1747.08	
HAR-26	Chatsworth	10/11/2011	1763.46	21.21	1742.25	
HAR-27	Shallow	01/10/2011	1719.28	25.71	1693.57	
HAR-27	Shallow	04/06/2011	1719.28	22.41	1696.87	
HAR-27	Shallow	07/06/2011	1719.28	27.76	1691.52	
HAR-27	Shallow	10/11/2011	1719.28	30.49	1688.79	
HAR-28	Shallow	01/10/2011	1720.06	29.67	1690.39	
HAR-28	Shallow	04/06/2011	1720.06	19.72	1700.34	
HAR-28	Shallow	07/06/2011	1720.06	24.72	1695.34	
HAR-28	Shallow	10/11/2011	1720.06	26.59	1693.47	
HAR-29	Shallow	01/10/2011	1724.04	30.02	1694.02	
HAR-29	Shallow	04/06/2011	1724.04	18.99	1705.05	
HAR-29	Shallow	07/06/2011	1724.04	26.38	1697.66	
HAR-29	Shallow	10/11/2011	1724.04	29.94	1694.1	
HAR-30	Shallow	01/11/2011	1807.05	21.71	1785.34	
HAR-30	Shallow	04/05/2011	1807.05	14.29	1792.76	
HAR-30	Shallow	07/07/2011	1807.05	14.88	1792.17	
HAR-30	Shallow	10/12/2011	1807.05	19.07	1787.98	
HAR-31	Shallow	01/11/2011	1812.32	26.24	1786.08	
HAR-31	Shallow	04/05/2011	1812.32	18.31	1794.01	
HAR-31	Shallow	07/07/2011	1812.32	18.68	1793.64	
HAR-31	Shallow	10/12/2011	1812.32	23.11	1789.21	
HAR-32	Shallow	01/10/2011	1736.49	23.45	1713.04	
HAR-32	Shallow	04/05/2011	1736.49	9.91	1726.58	
HAR-32	Shallow	07/06/2011	1736.49	14.04	1722.45	
HAR-32	Shallow	10/11/2011	1736.49	22.15	1714.34	
HAR-33	Shallow	01/10/2011	1744.56	25.41	1719.15	
HAR-33	Shallow	04/05/2011	1744.56	12.85	1731.71	
HAR-33	Shallow	07/06/2011	1744.56	16.88	1727.68	
HAR-33	Shallow	10/11/2011	1744.56	24.34	1720.22	
HAR-34	Shallow	01/10/2011	1751.17	Dry	--	
HAR-34	Shallow	04/05/2011	1751.17	10.48	1740.69	
HAR-34	Shallow	07/06/2011	1751.17	UTM	--	(*)
HAR-34	Shallow	10/11/2011	1751.17	22.88	1728.29	
OS-02	Chatsworth Artesian	01/10/2011	1237.01	UTM	--	(*I)
OS-02	Chatsworth Artesian	04/07/2011	1237.01	UTM	--	(*I)
OS-02	Chatsworth Artesian	07/06/2011	1237.01	UTM	--	(*I)
OS-02	Chatsworth Artesian	10/11/2011	1237.01	UTM	--	(*I)
OS-03	Chatsworth Artesian	01/10/2011	1298.15	UTM	--	(*I)
OS-03	Chatsworth Artesian	04/07/2011	1298.15	UTM	--	(*I)
OS-03	Chatsworth Artesian	07/06/2011	1298.15	UTM	--	(*I)
OS-03	Chatsworth Artesian	10/12/2011	1298.15	UTM	--	(*I)
OS-04	Chatsworth Artesian	01/10/2011	1334	UTM	--	(*I)
OS-04	Chatsworth Artesian	04/07/2011	1334	UTM	--	(*I)
OS-04	Chatsworth Artesian	07/06/2011	1334	UTM	--	(*I)
OS-04	Chatsworth Artesian	10/12/2011	1334	UTM	--	(*I)

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
OS-05	Chatsworth Artesian	01/10/2011	1312.08	UTM	--	(*I)
OS-05	Chatsworth Artesian	04/07/2011	1312.08	UTM	--	(*I)
OS-05	Chatsworth Artesian	07/06/2011	1312.08	Dry	--	(I)
OS-05	Chatsworth Artesian	10/12/2011	1312.08	Dry	--	(I)
OS-09	Chatsworth Artesian	01/10/2011	--	UTM	--	(*I)
OS-09	Chatsworth Artesian	04/07/2011	--	UTM	--	(*I)
OS-09	Chatsworth Artesian	07/06/2011	--	UTM	--	(*I)
OS-09	Chatsworth Artesian	10/12/2011	--	UTM	--	(I)
OS-09R	Chatsworth	Westbay	--	--	--	(2)
OS-10	Chatsworth Artesian	01/11/2011	--	UTM	--	(*I)
OS-10	Chatsworth Artesian	04/15/2011	--	UTM	--	(*I)
OS-10	Chatsworth Artesian	07/06/2011	--	UTM	--	(*I)
OS-13	Seep	01/13/2011	--	Dry	--	(I)
OS-13	Seep	04/13/2011	--	Dry	--	(I)
OS-13	Seep	07/06/2011	--	Dry	--	(I)
OS-13	Seep	10/10/2011	--	Dry	--	(I)
OS-16	Chatsworth	01/11/2011	--	UTM	--	(*)
OS-16	Chatsworth	04/04/2011	--	UTM	--	(*)
OS-16	Chatsworth	07/06/2011	--	UTM	--	(*)
OS-16	Chatsworth	10/10/2011	--	UTM	--	(*)
OS-24	Chatsworth	01/11/2011	1947.3	UTM	--	(*)
OS-24	Chatsworth	04/08/2011	1947.3	UTM	--	(*)
OS-24	Chatsworth	07/06/2011	1947.3	UTM	--	(*)
OS-24	Chatsworth	10/10/2011	1947.3	UTM	--	(*)
OS-25	Chatsworth	01/10/2011	2043.58	458.65	1584.93	
OS-25	Chatsworth	04/04/2011	2043.58	433.20	1610.38	
OS-25	Chatsworth	07/06/2011	2043.58	437.73	1605.85	
OS-25	Chatsworth	10/11/2011	2043.58	451.11	1592.47	
OS-26	Chatsworth	01/10/2011	2080.58	239.54	1841.04	
OS-26	Chatsworth	04/04/2011	2080.58	239.59	1840.99	
OS-26	Chatsworth	07/06/2011	2080.58	235.79	1844.79	
OS-26	Chatsworth	10/11/2011	2080.58	233.51	1847.07	
PZ-005	Shallow	01/11/2011	1800.97	16.25	1784.72	
PZ-005	Shallow	04/15/2011	1800.97	13.14	1787.83	
PZ-005	Shallow	07/07/2011	1800.97	13.94	1787.03	
PZ-033	Shallow	01/10/2011	1721.73	23.27	1698.46	
PZ-033	Shallow	04/15/2011	1721.73	16.66	1705.07	
PZ-033	Shallow	07/06/2011	1721.73	17.58	1704.15	
PZ-035	Shallow	01/10/2011	1712.96	21.30	1691.66	
PZ-035	Shallow	04/05/2011	1712.96	13.39	1699.57	
PZ-035	Shallow	07/06/2011	1712.96	16.66	1696.3	
PZ-035	Shallow	10/11/2011	1712.96	22.36	1690.6	
PZ-040	Shallow	01/10/2011	1704.54	29.57	1674.97	
PZ-040	Shallow	04/15/2011	1704.54	29.48	1675.06	
PZ-040	Shallow	07/06/2011	1704.54	29.49	1675.05	
PZ-041	Shallow	01/10/2011	1809.1	12.90	1796.2	
PZ-041	Shallow	04/15/2011	1809.1	11.21	1797.89	
PZ-041	Shallow	07/06/2011	1809.1	9.40	1799.7	

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
PZ-052	Shallow	01/10/2011	1790.72	23.73	1766.99	
PZ-052	Shallow	04/15/2011	1790.72	16.37	1774.35	
PZ-052	Shallow	07/06/2011	1790.72	18.96	1771.76	
PZ-055	Shallow	01/10/2011	1818.4	32.14	1786.26	
PZ-055	Shallow	04/15/2011	1818.4	Dry	--	
PZ-055	Shallow	07/06/2011	1818.4	Dry	--	
PZ-056	Shallow	01/10/2011	1805.86	12.69	1793.17	
PZ-056	Shallow	04/15/2011	1805.86	14.24	1791.62	
PZ-056	Shallow	07/06/2011	1805.86	26.62	1779.24	
PZ-059	Shallow	01/11/2011	1836.67	17.41	1819.26	
PZ-059	Shallow	04/05/2011	1836.67	21.47	1815.2	
PZ-059	Shallow	07/07/2011	1836.67	24.87	1811.8	
PZ-059	Shallow	10/11/2011	1836.67	24.91	1811.76	
PZ-060	Shallow	01/11/2011	1868.9	34.77	1834.13	
PZ-060	Shallow	04/05/2011	1868.9	34.46	1834.44	
PZ-060	Shallow	07/07/2011	1868.9	47.82	1821.08	
PZ-060	Shallow	10/12/2011	1868.9	49.26	1819.64	
PZ-062	Shallow	01/11/2011	1716.57	27.06	1689.51	
PZ-062	Shallow	04/04/2011	1716.57	27.02	1689.55	
PZ-062	Shallow	07/08/2011	1716.57	Dry	--	
PZ-070	Shallow	01/11/2011	1834.61	26.71	1807.9	
PZ-070	Shallow	04/05/2011	1834.61	26.70	1807.91	
PZ-070	Shallow	07/07/2011	1834.61	26.68	1807.93	
PZ-070	Shallow	10/11/2011	1834.61	26.74	1807.87	
PZ-073	Shallow	01/10/2011	1760.54	Dry	--	
PZ-073	Shallow	04/15/2011	1760.54	Dry	--	
PZ-073	Shallow	07/06/2011	1760.54	Dry	--	
PZ-074	Shallow	01/11/2011	1772.73	6.09	1766.64	
PZ-074	Shallow	04/04/2011	1772.73	3.42	1769.31	
PZ-074	Shallow	07/07/2011	1772.73	16.22	1756.51	
PZ-074	Shallow	10/10/2011	1772.73	21.55	1751.18	
PZ-076	Shallow	01/11/2011	1767.09	41.89	1725.20	
PZ-076	Shallow	04/05/2011	1767.09	36.16	1730.93	
PZ-076	Shallow	07/07/2011	1767.09	36.32	1730.77	
PZ-076	Shallow	10/11/2011	1767.09	38.30	1728.79	
PZ-077	Shallow	01/11/2011	1753.42	25.28	1728.14	
PZ-077	Shallow	04/05/2011	1753.42	19.61	1733.81	
PZ-077	Shallow	07/07/2011	1753.42	22.72	1730.7	
PZ-077	Shallow	10/11/2011	1753.42	24.63	1728.79	
PZ-078	Shallow	01/11/2011	1755.77	23.82	1731.95	
PZ-078	Shallow	04/05/2011	1755.77	20.23	1735.54	
PZ-078	Shallow	07/07/2011	1755.77	24.64	1731.13	
PZ-078	Shallow	10/11/2011	1755.77	Dry	--	
PZ-089	Shallow	01/11/2011	1876.64	18.38	1858.26	
PZ-089	Shallow	04/04/2011	1876.64	13.70	1862.94	
PZ-089	Shallow	07/07/2011	1876.64	19.09	1857.55	
PZ-089	Shallow	10/10/2011	1876.64	Dry	--	

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
PZ-095	Shallow	01/11/2011	1760.02	27.59	1732.43	
PZ-095	Shallow	04/04/2011	1760.02	27.54	1732.48	
PZ-095	Shallow	07/08/2011	1760.02	27.64	1732.38	
PZ-095	Shallow	10/11/2011	1760.02	27.60	1732.42	
PZ-097	Shallow	01/11/2011	1761.87	Dry	--	
PZ-097	Shallow	04/05/2011	1761.87	Dry	--	
PZ-097	Shallow	07/07/2011	1761.87	Dry	--	
PZ-097	Shallow	10/10/2011	1761.87	Dry	--	
PZ-098	Shallow	01/11/2011	1797.78	24.88	1772.9	
PZ-098	Shallow	04/15/2011	1797.78	19.57	1778.21	
PZ-098	Shallow	07/07/2011	1797.78	24.75	1773.03	
PZ-100	Shallow	01/11/2011	1870.11	10.16	1859.95	
PZ-100	Shallow	04/15/2011	1870.11	9.52	1860.59	
PZ-100	Shallow	07/07/2011	1870.11	11.61	1858.5	
PZ-101	Shallow	01/11/2011	1869.71	10.06	1859.65	
PZ-101	Shallow	04/15/2011	1869.71	10.77	1858.94	
PZ-101	Shallow	07/07/2011	1869.71	20.34	1849.37	
PZ-102	Shallow	01/11/2011	1827.78	54.54	1773.24	
PZ-102	Shallow	04/15/2011	1827.78	50.68	1777.1	
PZ-102	Shallow	07/07/2011	1827.78	56.93	1770.85	
PZ-103	Shallow	01/11/2011	1815.93	25.41	1790.52	
PZ-103	Shallow	04/15/2011	1815.93	23.00	1792.93	
PZ-103	Shallow	07/07/2011	1815.93	23.28	1792.65	
PZ-105	Shallow	01/11/2011	1803.87	18.34	1785.53	
PZ-105	Shallow	04/15/2011	1803.87	12.70	1791.17	
PZ-105	Shallow	07/07/2011	1803.87	13.51	1790.36	
PZ-106	Shallow	01/11/2011	1784.17	17.68	1766.49	
PZ-106	Shallow	04/15/2011	1784.17	9.73	1774.44	
PZ-106	Shallow	07/07/2011	1784.17	13.37	1770.8	
PZ-108	Shallow	01/11/2011	1809.36	8.78	1800.58	
PZ-108	Shallow	04/15/2011	1809.36	7.41	1801.95	
PZ-108	Shallow	07/07/2011	1809.36	9.26	1800.1	
PZ-108	Shallow	10/10/2011	1809.36	11.40	1797.96	
PZ-109	Shallow	01/11/2011	1809.51	15.18	1794.33	
PZ-109	Shallow	04/15/2011	1809.51	12.96	1796.55	
PZ-109	Shallow	07/07/2011	1809.51	12.51	1797	
PZ-110	Shallow	01/10/2011	1818.9	Dry	--	
PZ-110	Shallow	04/15/2011	1818.9	Dry	--	
PZ-110	Shallow	07/06/2011	1818.9	Dry	--	
PZ-111	Shallow	01/10/2011	1794.9	20.13	1774.77	
PZ-111	Shallow	04/15/2011	1794.9	18.57	1776.33	
PZ-111	Shallow	07/06/2011	1794.9	20.06	1774.84	
PZ-112	Shallow	01/10/2011	1829.14	27.73	1801.41	
PZ-112	Shallow	04/15/2011	1829.14	19.41	1809.73	
PZ-112	Shallow	07/06/2011	1829.14	23.62	1805.52	
PZ-113	Shallow	01/10/2011	1823.68	8.30	1815.38	
PZ-113	Shallow	04/15/2011	1823.68	9.38	1814.3	
PZ-113	Shallow	07/06/2011	1823.68	14.70	1808.98	

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
PZ-114	Shallow	01/10/2011	1818.19	50.28	1767.91	
PZ-114	Shallow	04/15/2011	1818.19	45.93	1772.26	
PZ-114	Shallow	07/06/2011	1818.19	42.93	1775.26	
PZ-116	Shallow	01/10/2011	1763.01	Dry	--	
PZ-116	Shallow	04/15/2011	1763.01	16.59	1746.42	
PZ-116	Shallow	07/07/2011	1763.01	19.36	1743.65	
PZ-120	Shallow	01/10/2011	1810.96	14.73	1796.23	
PZ-120	Shallow	04/15/2011	1810.96	11.44	1799.52	
PZ-120	Shallow	07/07/2011	1810.96	13.30	1797.66	
PZ-121	Shallow	01/10/2011	1808.98	19.58	1789.4	
PZ-121	Shallow	04/15/2011	1808.98	15.75	1793.23	
PZ-121	Shallow	07/07/2011	1808.98	14.29	1794.69	
PZ-122	Shallow	01/10/2011	1810.8	11.73	1799.07	
PZ-122	Shallow	04/15/2011	1810.8	10.19	1800.61	
PZ-122	Shallow	07/07/2011	1810.8	13.58	1797.22	
PZ-123	Shallow	01/11/2011	1610.81	Dry	--	
PZ-123	Shallow	04/04/2011	1610.81	Dry	--	
PZ-123	Shallow	07/07/2011	1610.81	Dry	--	
PZ-123	Shallow	10/10/2011	1610.81	Dry	--	
PZ-124	Shallow	01/11/2011	1764.11	27.90	1736.21	
PZ-124	Shallow	04/05/2011	1764.11	25.87	1738.24	
PZ-124	Shallow	07/07/2011	1764.11	21.76	1742.35	
PZ-124	Shallow	10/10/2011	1764.11	27.89	1736.22	
PZ-128	Shallow	01/11/2011	1757.26	Dry	--	
PZ-128	Shallow	04/04/2011	1757.26	31.88	1725.38	
PZ-128	Shallow	07/08/2011	1757.26	Dry	--	
PZ-129	Shallow	01/11/2011	1741.94	19.93	1722.01	
PZ-129	Shallow	04/04/2011	1741.94	18.57	1723.37	
PZ-129	Shallow	07/08/2011	1741.94	28.04	1713.9	
PZ-130	Shallow	01/11/2011	1746.66	27.76	1718.9	
PZ-130	Shallow	04/04/2011	1746.66	27.68	1718.98	
PZ-130	Shallow	07/08/2011	1746.66	27.79	1718.87	
PZ-131	Shallow	01/11/2011	1759.95	22.20	1737.75	
PZ-131	Shallow	04/04/2011	1759.95	21.20	1738.75	
PZ-131	Shallow	07/08/2011	1759.95	29.64	1730.31	
PZ-132	Shallow	01/11/2011	1758.38	Dry	--	
PZ-132	Shallow	04/04/2011	1758.38	40.16	1718.22	
PZ-132	Shallow	07/08/2011	1758.38	Dry	--	
PZ-133	Shallow	01/11/2011	1798.48	Dry	--	
PZ-133	Shallow	04/04/2011	1798.48	Dry	--	
PZ-133	Shallow	07/08/2011	1798.48	Dry	--	
PZ-134	Shallow	01/11/2011	1821.59	79.30	1742.29	
PZ-134	Shallow	04/04/2011	1821.59	79.34	1742.25	
PZ-134	Shallow	07/08/2011	1821.59	Dry	--	
PZ-135	Shallow	01/11/2011	1823.84	90.03	1733.81	
PZ-135	Shallow	04/04/2011	1823.84	89.96	1733.88	
PZ-135	Shallow	07/08/2011	1823.84	Dry	--	

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
PZ-136	Shallow	01/11/2011	1812.9	76.26	1736.64	
PZ-136	Shallow	04/04/2011	1812.9	75.90	1737	
PZ-136	Shallow	07/08/2011	1812.9	76.90	1736	
PZ-137	Shallow	01/11/2011	1810.13	79.64	1730.49	
PZ-137	Shallow	04/04/2011	1810.13	79.73	1730.4	
PZ-137	Shallow	07/08/2011	1810.13	Dry	--	
PZ-138	Shallow	01/11/2011	1829.85	Dry	--	
PZ-138	Shallow	04/04/2011	1829.85	Dry	--	
PZ-138	Shallow	07/08/2011	1829.85	Dry	--	
PZ-139	Shallow	01/11/2011	1831.91	41.97	1789.94	
PZ-139	Shallow	04/04/2011	1831.91	39.90	1792.01	
PZ-139	Shallow	07/08/2011	1831.91	43.52	1788.39	
PZ-140	Shallow	01/11/2011	1832.82	10.97	1821.85	
PZ-140	Shallow	04/04/2011	1832.82	8.89	1823.93	
PZ-140	Shallow	07/08/2011	1832.82	13.38	1819.44	
PZ-141	Shallow	01/10/2011	1856.58	18.00	1838.58	
PZ-141	Shallow	04/04/2011	1856.58	14.18	1842.4	
PZ-141	Shallow	07/06/2011	1856.58	10.56	1846.02	
PZ-142	Shallow	01/11/2011	1745.5	40.67	1704.83	
PZ-142	Shallow	04/04/2011	1745.5	40.62	1704.88	
PZ-142	Shallow	07/08/2011	1745.5	Dry	--	
PZ-143	Shallow	01/10/2011	1849.84	Dry	--	
PZ-143	Shallow	04/04/2011	1849.84	Dry	--	
PZ-143	Shallow	07/06/2011	1849.84	Dry	--	
PZ-144	Shallow	01/10/2011	1859.13	13.08	1846.05	
PZ-144	Shallow	04/04/2011	1859.13	10.66	1848.47	
PZ-144	Shallow	07/06/2011	1859.13	14.04	1845.09	
PZ-145	Shallow	01/10/2011	1766.87	32.27	1734.6	
PZ-145	Shallow	04/04/2011	1766.87	30.79	1736.08	
PZ-145	Shallow	07/08/2011	1766.87	32.48	1734.39	
PZ-146	Shallow	01/11/2011	1789.82	24.44	1765.38	
PZ-146	Shallow	04/05/2011	1789.82	12.88	1776.94	
PZ-146	Shallow	07/07/2011	1789.82	19.31	1770.51	
PZ-147	Shallow	01/11/2011	1791.24	38.15	1753.09	
PZ-147	Shallow	04/05/2011	1791.24	28.42	1762.82	
PZ-147	Shallow	07/07/2011	1791.24	28.95	1762.29	
PZ-148	Shallow	01/11/2011	1794.71	Dry	--	
PZ-148	Shallow	04/05/2011	1794.71	26.98	1767.73	
PZ-148	Shallow	07/07/2011	1794.71	29.43	1765.28	
PZ-149	Shallow	01/10/2011	1794.71	36.20	1758.51	
PZ-149	Shallow	04/05/2011	1794.71	30.36	1764.35	
PZ-149	Shallow	07/06/2011	1794.71	30.60	1764.11	
PZ-150	Shallow	01/10/2011	1852.23	18.80	1833.43	
PZ-150	Shallow	04/15/2011	1852.23	14.73	1837.5	
PZ-150	Shallow	07/06/2011	1852.23	19.84	1832.39	
PZ-151	Shallow	01/10/2011	1862.6	77.59	1785.01	
PZ-151	Shallow	04/04/2011	1862.6	78.12	1784.48	
PZ-151	Shallow	07/06/2011	1862.6	78.20	1784.4	

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
PZ-152	Shallow	01/11/2011	1880.8	35.02	1845.78	
PZ-152	Shallow	04/04/2011	1880.8	32.60	1848.2	
PZ-152	Shallow	07/07/2011	1880.8	33.62	1847.18	
PZ-153	Shallow	01/11/2011	1908.1	65.12	1842.98	
PZ-153	Shallow	04/05/2011	1908.1	Dry	--	
PZ-153	Shallow	07/07/2011	1908.1	65.11	1842.99	
PZ-154	Shallow	01/11/2011	1902.3	44.81	1857.49	
PZ-154	Shallow	04/05/2011	1902.3	40.14	1862.16	
PZ-154	Shallow	07/07/2011	1902.3	52.33	1849.97	
PZ-155	Shallow	01/10/2011	1831.9	59.93	1771.97	
PZ-155	Shallow	04/05/2011	1831.9	53.70	1778.2	
PZ-155	Shallow	07/07/2011	1831.9	53.21	1778.69	
PZ-156	Shallow	01/10/2011	1849.4	114.35	1735.05	
PZ-156	Shallow	04/13/2011	1849.4	114.12	1735.28	
PZ-156	Shallow	07/07/2011	1849.4	114.01	1735.39	
PZ-157	Shallow	01/11/2011	1809.8	32.47	1777.33	
PZ-157	Shallow	04/05/2011	1809.8	32.10	1777.7	
PZ-157	Shallow	07/07/2011	1809.8	28.26	1781.54	
PZ-158	Shallow	01/11/2011	1797.4	14.09	1783.31	
PZ-158	Shallow	04/05/2011	1797.4	8.25	1789.15	
PZ-158	Shallow	07/07/2011	1797.4	14.62	1782.78	
PZ-159	Shallow	01/11/2011	1814.2	9.39	1804.81	
PZ-159	Shallow	04/05/2011	1814.2	8.90	1805.3	
PZ-159	Shallow	07/07/2011	1814.2	11.68	1802.52	
PZ-160	Shallow	01/10/2011	1851.41	29.00	1822.41	
PZ-160	Shallow	04/15/2011	1851.41	22.20	1829.21	
PZ-160	Shallow	07/06/2011	1851.41	23.24	1828.17	
PZ-161	Shallow	01/10/2011	1852.23	27.78	1824.45	
PZ-161	Shallow	04/15/2011	1852.23	24.12	1828.11	
PZ-161	Shallow	07/06/2011	1852.23	22.47	1829.76	
RD-01	Chatsworth	01/11/2011	1935.88	201.28	1734.6	
RD-01	Chatsworth	04/04/2011	1935.88	199.51	1736.37	
RD-01	Chatsworth	07/07/2011	1935.88	179.76	1756.12	
RD-01	Chatsworth	10/10/2011	1935.88	200.91	1734.97	
RD-02	Chatsworth	01/11/2011	1873.89	158.45	1715.44	
RD-02	Chatsworth	04/05/2011	1873.89	157.30	1716.59	
RD-02	Chatsworth	07/07/2011	1873.89	155.64	1718.25	
RD-02	Chatsworth	10/10/2011	1873.89	154.96	1718.93	
RD-03	Chatsworth	01/20/2011	1743.53	18.35	1725.18	
RD-03	Chatsworth	04/05/2011	1743.53	13.84	1729.69	
RD-03	Chatsworth	07/08/2011	1743.53	13.82	1729.71	
RD-03	Chatsworth	10/10/2011	1743.53	5.86	1737.67	
RD-04	Chatsworth	01/10/2011	1883.85	275.39	1608.46	
RD-04	Chatsworth	04/13/2011	1883.85	274.00	1609.85	
RD-04	Chatsworth	07/07/2011	1883.85	271.53	1612.32	
RD-04	Chatsworth	10/11/2011	1883.85	270.03	1613.82	

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
RD-05A	Chatsworth	01/10/2011	1704.78	81.37	1623.41	
RD-05A	Chatsworth	04/05/2011	1704.78	79.18	1625.6	
RD-05A	Chatsworth	07/06/2011	1704.78	83.90	1620.88	
RD-05A	Chatsworth	10/11/2011	1704.78	85.29	1619.49	
RD-05B	Chatsworth	01/10/2011	1706.19	65.32	1640.87	
RD-05B	Chatsworth	04/05/2011	1706.19	64.97	1641.22	
RD-05B	Chatsworth	07/06/2011	1706.19	64.59	1641.6	
RD-05B	Chatsworth	10/11/2011	1706.19	64.69	1641.5	
RD-05C	Chatsworth	01/10/2011	1705.27	50.13	1655.14	
RD-05C	Chatsworth	04/05/2011	1705.27	49.81	1655.46	
RD-05C	Chatsworth	07/06/2011	1705.27	49.69	1655.58	
RD-05C	Chatsworth	10/11/2011	1705.27	49.61	1655.66	
RD-06	Chatsworth	01/10/2011	1617.22	47.31	1569.91	
RD-06	Chatsworth	04/05/2011	1617.22	41.06	1576.16	
RD-06	Chatsworth	07/06/2011	1617.22	43.25	1573.97	
RD-06	Chatsworth	10/11/2011	1617.22	47.10	1570.12	
RD-07	Chatsworth	FLUTe	1812.82	--	--	(1)
RD-08	Chatsworth	01/10/2011	1763.7	10.22	1753.48	
RD-08	Chatsworth	04/05/2011	1763.7	6.84	1756.86	
RD-08	Chatsworth	07/06/2011	1763.7	9.11	1754.59	
RD-08	Chatsworth	10/11/2011	1763.7	12.44	1751.26	
RD-09	Chatsworth	01/11/2011	1768.26	30.27	1737.99	
RD-09	Chatsworth	04/04/2011	1768.26	23.93	1744.33	
RD-09	Chatsworth	07/08/2011	1768.26	25.64	1742.62	
RD-09	Chatsworth	10/12/2011	1768.26	28.93	1739.33	
RD-10	Chatsworth	01/11/2011	1904.48	185.32	1719.16	
RD-10	Chatsworth	04/04/2011	1904.48	184.63	1719.85	
RD-10	Chatsworth	07/07/2011	1904.48	183.44	1721.04	
RD-10	Chatsworth	10/10/2011	1904.48	183.08	1721.4	
RD-11	Chatsworth	01/10/2011	1762.84	19.64	1743.2	
RD-11	Chatsworth	04/05/2011	1762.84	14.99	1747.85	
RD-11	Chatsworth	07/06/2011	1762.84	13.92	1748.92	
RD-11	Chatsworth	10/11/2011	1762.84	16.70	1746.14	
RD-12	Chatsworth	01/10/2011	1762.29	18.05	1744.24	
RD-12	Chatsworth	04/05/2011	1762.29	15.18	1747.11	
RD-12	Chatsworth	07/06/2011	1762.29	19.86	1742.43	
RD-12	Chatsworth	10/11/2011	1762.29	25.17	1737.12	
RD-13	Chatsworth	01/11/2011	1840.01	64.71	1775.3	
RD-13	Chatsworth	04/05/2011	1840.01	65.17	1774.84	
RD-13	Chatsworth	07/07/2011	1840.01	61.38	1778.63	
RD-13	Chatsworth	10/10/2011	1840.01	60.59	1779.42	
RD-14	Chatsworth	01/10/2011	1824.18	82.86	1741.32	
RD-14	Chatsworth	04/04/2011	1824.18	82.05	1742.13	
RD-14	Chatsworth	07/06/2011	1824.18	76.91	1747.27	
RD-14	Chatsworth	10/10/2011	1824.18	74.53	1749.65	
RD-15	Chatsworth	01/10/2011	1817.7	50.46	1767.24	
RD-15	Chatsworth	04/05/2011	1817.7	41.75	1775.95	
RD-15	Chatsworth	07/06/2011	1817.7	42.15	1775.55	
RD-15	Chatsworth	10/10/2011	1817.7	44.53	1773.17	

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
RD-16	Chatsworth	01/10/2011	1808.99	46.29	1762.7	
RD-16	Chatsworth	04/05/2011	1808.99	40.98	1768.01	
RD-16	Chatsworth	07/06/2011	1808.99	43.49	1765.5	
RD-16	Chatsworth	10/10/2011	1808.99	45.59	1763.4	
RD-17	Chatsworth	01/10/2011	1836.3	28.04	1808.26	
RD-17	Chatsworth	04/05/2011	1836.3	23.94	1812.36	
RD-17	Chatsworth	07/06/2011	1836.3	24.91	1811.39	
RD-17	Chatsworth	10/10/2011	1836.3	26.29	1810.01	
RD-18	Chatsworth	01/10/2011	1839.51	92.39	1747.12	
RD-18	Chatsworth	04/04/2011	1839.51	94.94	1744.57	
RD-18	Chatsworth	07/06/2011	1839.51	88.37	1751.14	
RD-18	Chatsworth	10/10/2011	1839.51	87.29	1752.22	
RD-19	Chatsworth	01/10/2011	1853.16	63.16	1790	
RD-19	Chatsworth	04/04/2011	1853.16	69.66	1783.5	
RD-19	Chatsworth	07/06/2011	1853.16	67.19	1785.97	
RD-19	Chatsworth	10/10/2011	1853.16	72.63	1780.53	
RD-20	Chatsworth	01/11/2011	1819.52	44.10	1775.42	
RD-20	Chatsworth	04/05/2011	1819.52	40.90	1778.62	
RD-20	Chatsworth	07/07/2011	1819.52	39.85	1779.67	
RD-20	Chatsworth	10/10/2011	1819.52	39.25	1780.27	
RD-21	Chatsworth	FLUTe	1866.96	--	--	(1)
RD-22	Chatsworth	FLUTe	1853.41	--	--	(1)
RD-23	Chatsworth	FLUTe	1838.19	--	--	(1)
RD-24	Chatsworth	01/10/2011	1809.93	39.23	1770.7	
RD-24	Chatsworth	04/05/2011	1809.93	37.03	1772.9	
RD-24	Chatsworth	07/07/2011	1809.93	35.03	1774.9	
RD-24	Chatsworth	10/10/2011	1809.93	35.33	1774.6	
RD-26	Chatsworth	01/11/2011	1880.39	108.75	1771.64	
RD-26	Chatsworth	04/04/2011	1880.39	104.35	1776.04	
RD-26	Chatsworth	07/07/2011	1880.39	100.33	1780.06	
RD-26	Chatsworth	10/12/2011	1880.39	101.14	1779.25	
RD-27	Chatsworth	01/10/2011	1841.67	52.68	1788.99	
RD-27	Chatsworth	04/05/2011	1841.67	48.21	1793.46	
RD-27	Chatsworth	07/06/2011	1841.67	47.18	1794.49	
RD-27	Chatsworth	10/10/2011	1841.67	48.65	1793.02	
RD-29	Chatsworth	01/10/2011	1806.29	11.37	1794.92	
RD-29	Chatsworth	04/05/2011	1806.29	8.51	1797.78	
RD-29	Chatsworth	07/07/2011	1806.29	12.44	1793.85	
RD-29	Chatsworth	10/10/2011	1806.29	14.79	1791.5	
RD-30	Chatsworth	01/10/2011	1768.69	UTM	--	(*)
RD-30	Chatsworth	04/13/2011	1768.69	UTM	--	(*)
RD-30	Chatsworth	07/07/2011	1768.69	UTM	--	(*)
RD-30	Chatsworth	10/10/2011	1768.69	UTM	--	(*)
RD-31	Chatsworth	Westbay	1945.02	130.80	1814.22	(2)
RD-32	Chatsworth	01/10/2011	1808.15	21.98	1786.17	
RD-32	Chatsworth	04/04/2011	1808.15	20.44	1787.71	
RD-32	Chatsworth	07/06/2011	1808.15	25.56	1782.59	
RD-32	Chatsworth	10/10/2011	1808.15	27.39	1780.76	

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
RD-33A	Chatsworth	FLUTe	1792.97	--	--	(1)
RD-33B	Chatsworth	01/11/2011	1793.72	281.97	1511.75	
RD-33B	Chatsworth	04/05/2011	1793.72	281.96	1511.76	
RD-33B	Chatsworth	07/07/2011	1793.72	280.22	1513.5	
RD-33B	Chatsworth	10/10/2011	1793.72	279.61	1514.11	
RD-33C	Chatsworth	01/11/2011	1793.61	283.40	1510.21	
RD-33C	Chatsworth	04/05/2011	1793.61	281.98	1511.63	
RD-33C	Chatsworth	07/07/2011	1793.61	281.66	1511.95	
RD-33C	Chatsworth	10/10/2011	1793.61	281.08	1512.53	
RD-34A	Chatsworth	01/10/2011	1761.91	43.50	1718.41	
RD-34A	Chatsworth	04/05/2011	1761.91	21.67	1740.24	
RD-34A	Chatsworth	07/07/2011	1761.91	21.31	1740.6	
RD-34A	Chatsworth	10/10/2011	1761.91	28.26	1733.65	
RD-34B	Chatsworth	01/10/2011	1762.51	46.70	1715.81	
RD-34B	Chatsworth	04/05/2011	1762.51	29.31	1733.2	
RD-34B	Chatsworth	07/07/2011	1762.51	25.73	1736.78	
RD-34B	Chatsworth	10/10/2011	1762.51	34.49	1728.02	
RD-34C	Chatsworth	01/10/2011	1762.79	12.56	1750.23	
RD-34C	Chatsworth	04/05/2011	1762.79	9.47	1753.32	
RD-34C	Chatsworth	07/07/2011	1762.79	5.52	1757.27	
RD-34C	Chatsworth	10/10/2011	1762.79	6.79	1756	
RD-35A	Chatsworth	01/11/2011	1907.92	91.12	1816.8	
RD-35A	Chatsworth	04/04/2011	1907.92	88.37	1819.55	
RD-35A	Chatsworth	07/07/2011	1907.92	88.03	1819.89	
RD-35A	Chatsworth	10/10/2011	1907.92	88.61	1819.31	
RD-35B	Chatsworth	01/11/2011	1905.54	91.26	1814.28	
RD-35B	Chatsworth	04/04/2011	1905.54	88.73	1816.81	
RD-35B	Chatsworth	07/07/2011	1905.54	86.43	1819.11	
RD-35B	Chatsworth	10/10/2011	1905.54	86.34	1819.2	
RD-36A	Chatsworth	01/10/2011	1913.09	Dry	--	
RD-36A	Chatsworth	04/04/2011	1913.09	73.82	1839.27	
RD-36A	Chatsworth	07/06/2011	1913.09	92.80	1820.29	
RD-36A	Chatsworth	10/11/2011	1913.09	Dry	--	
RD-36B	Chatsworth	01/10/2011	1915.54	154.88	1760.66	
RD-36B	Chatsworth	04/04/2011	1915.54	154.33	1761.21	
RD-36B	Chatsworth	07/06/2011	1915.54	151.34	1764.2	
RD-36B	Chatsworth	10/11/2011	1915.54	149.98	1765.56	
RD-36C	Chatsworth	01/10/2011	1913.8	202.85	1710.95	
RD-36C	Chatsworth	04/04/2011	1913.8	200.84	1712.96	
RD-36C	Chatsworth	07/06/2011	1913.8	198.57	1715.23	
RD-36C	Chatsworth	10/11/2011	1913.8	197.35	1716.45	
RD-36D	Chatsworth	01/10/2011	1920.23	356.30	1563.93	
RD-36D	Chatsworth	04/04/2011	1920.23	357.06	1563.17	
RD-36D	Chatsworth	07/06/2011	1920.23	357.24	1562.99	
RD-36D	Chatsworth	10/11/2011	1920.23	356.87	1563.36	
RD-37	Chatsworth	01/11/2011	1869.61	285.91	1583.7	
RD-37	Chatsworth	04/04/2011	1869.61	284.97	1584.64	
RD-37	Chatsworth	07/08/2011	1869.61	283.61	1586	
RD-37	Chatsworth	10/10/2011	1869.61	282.49	1587.12	

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
RD-38A	Chatsworth	01/10/2011	1879.62	Dry	--	
RD-38A	Chatsworth	04/04/2011	1879.62	Dry	--	
RD-38A	Chatsworth	07/06/2011	1879.62	118.76	1760.86	
RD-38A	Chatsworth	10/11/2011	1879.62	117.58	1762.04	
RD-38B	Chatsworth	01/10/2011	1880.96	319.63	1561.33	
RD-38B	Chatsworth	04/04/2011	1880.96	319.71	1561.25	
RD-38B	Chatsworth	07/06/2011	1880.96	319.55	1561.41	
RD-38B	Chatsworth	10/11/2011	1880.96	319.75	1561.21	
RD-39A	Chatsworth	01/10/2011	1960.53	151.66	1808.87	
RD-39A	Chatsworth	04/04/2011	1960.53	156.72	1803.81	
RD-39A	Chatsworth	07/06/2011	1960.53	157.41	1803.12	
RD-39A	Chatsworth	10/11/2011	1960.53	Dry	--	
RD-39B	Chatsworth	01/10/2011	1959.73	298.76	1660.97	
RD-39B	Chatsworth	04/04/2011	1959.73	297.36	1662.37	
RD-39B	Chatsworth	07/06/2011	1959.73	294.31	1665.42	
RD-39B	Chatsworth	10/11/2011	1959.73	292.32	1667.41	
RD-40	Chatsworth	02/07/2011	1972.22	271.65	1700.57	
RD-40	Chatsworth	04/14/2011	1972.22	268.11	1704.11	
RD-40	Chatsworth	06/30/2011	1972.22	266.57	1705.65	
RD-40	Chatsworth	10/11/2011	1972.22	266.91	1705.31	
RD-41A	Chatsworth	01/10/2011	1774.61	71.64	1702.97	
RD-41A	Chatsworth	04/05/2011	1774.61	37.19	1737.42	
RD-41A	Chatsworth	07/06/2011	1774.61	39.72	1734.89	
RD-41A	Chatsworth	10/11/2011	1774.61	58.70	1715.91	
RD-41B	Chatsworth	01/10/2011	1774.94	108.72	1666.22	
RD-41B	Chatsworth	04/05/2011	1774.94	103.13	1671.81	
RD-41B	Chatsworth	07/06/2011	1774.94	114.63	1660.31	
RD-41B	Chatsworth	10/11/2011	1774.94	122.41	1652.53	
RD-41C	Chatsworth	01/10/2011	1773.73	123.11	1650.62	
RD-41C	Chatsworth	04/05/2011	1773.73	121.11	1652.62	
RD-41C	Chatsworth	07/06/2011	1773.73	119.48	1654.25	
RD-41C	Chatsworth	10/11/2011	1773.73	122.68	1651.05	
RD-42	Chatsworth	02/07/2011	1945.48	49.91	1895.57	
RD-42	Chatsworth	04/14/2011	1945.48	45.07	1900.41	
RD-42	Chatsworth	06/30/2011	1945.48	48.12	1897.36	
RD-42	Chatsworth	10/11/2011	1945.48	50.97	1894.51	
RD-43A	Chatsworth	01/10/2011	1680.66	29.07	1651.59	
RD-43A	Chatsworth	04/04/2011	1680.66	20.87	1659.79	
RD-43A	Chatsworth	07/06/2011	1680.66	34.45	1646.21	
RD-43A	Chatsworth	10/10/2011	1680.66	37.85	1642.81	
RD-43B	Chatsworth	01/10/2011	1680.11	88.00	1592.11	
RD-43B	Chatsworth	04/04/2011	1680.11	84.39	1595.72	
RD-43B	Chatsworth	07/06/2011	1680.11	94.57	1585.54	
RD-43B	Chatsworth	10/10/2011	1680.11	95.99	1584.12	
RD-43C	Chatsworth	01/10/2011	1680.11	92.24	1587.87	
RD-43C	Chatsworth	04/04/2011	1680.11	89.37	1590.74	
RD-43C	Chatsworth	07/06/2011	1680.11	89.59	1590.52	
RD-43C	Chatsworth	10/10/2011	1680.11	90.84	1589.27	

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
RD-44	Chatsworth	01/11/2011	2036.04	399.27	1636.77	
RD-44	Chatsworth	04/05/2011	2036.04	398.53	1637.51	
RD-44	Chatsworth	07/07/2011	2036.04	398.77	1637.27	
RD-44	Chatsworth	10/11/2011	2036.04	398.71	1637.33	
RD-45A	Chatsworth	01/11/2011	1841.59	232.12	1609.47	
RD-45A	Chatsworth	04/04/2011	1841.59	229.81	1611.78	
RD-45A	Chatsworth	07/07/2011	1841.59	227.85	1613.74	
RD-45A	Chatsworth	10/10/2011	1841.59	227.10	1614.49	
RD-45B	Chatsworth	01/11/2011	1840.01	234.49	1605.52	
RD-45B	Chatsworth	04/04/2011	1840.01	232.15	1607.86	
RD-45B	Chatsworth	07/07/2011	1840.01	230.27	1609.74	
RD-45B	Chatsworth	10/10/2011	1840.01	229.44	1610.57	
RD-45C	Chatsworth	01/11/2011	1836.33	230.09	1606.24	
RD-45C	Chatsworth	04/04/2011	1836.33	227.76	1608.57	
RD-45C	Chatsworth	07/07/2011	1836.33	225.09	1611.24	
RD-45C	Chatsworth	10/10/2011	1836.33	224.77	1611.56	
RD-46A	Chatsworth	01/10/2011	1806.25	81.71	1724.54	
RD-46A	Chatsworth	04/05/2011	1806.25	76.57	1729.68	
RD-46A	Chatsworth	07/07/2011	1806.25	80.65	1725.6	
RD-46A	Chatsworth	10/11/2011	1806.25	78.12	1728.13	
RD-46B	Chatsworth	01/10/2011	1806.93	79.10	1727.83	
RD-46B	Chatsworth	04/05/2011	1806.93	77.75	1729.18	
RD-46B	Chatsworth	07/07/2011	1806.93	79.54	1727.39	
RD-46B	Chatsworth	10/11/2011	1806.93	76.14	1730.79	
RD-47	Chatsworth	01/11/2011	2045.72	440.40	1605.32	
RD-47	Chatsworth	04/04/2011	2045.72	438.00	1607.72	
RD-47	Chatsworth	07/08/2011	2045.72	437.40	1608.32	
RD-47	Chatsworth	10/11/2011	2045.72	435.09	1610.63	
RD-48A	Chatsworth	01/20/2011	1736.61	101.46	1635.15	
RD-48A	Chatsworth	04/05/2011	1736.61	94.23	1642.38	
RD-48A	Chatsworth	07/08/2011	1736.61	106.57	1630.04	
RD-48A	Chatsworth	10/10/2011	1736.61	108.63	1627.98	
RD-48B	Chatsworth	01/20/2011	1735.73	131.42	1604.31	
RD-48B	Chatsworth	04/05/2011	1735.73	131.19	1604.54	
RD-48B	Chatsworth	07/08/2011	1735.73	131.21	1604.52	
RD-48B	Chatsworth	10/10/2011	1735.73	131.17	1604.56	
RD-48C	Chatsworth	01/20/2011	1735.1	171.80	1563.3	
RD-48C	Chatsworth	04/05/2011	1735.1	171.19	1563.91	
RD-48C	Chatsworth	07/08/2011	1735.1	171.36	1563.74	
RD-48C	Chatsworth	10/10/2011	1735.1	171.22	1563.88	
RD-49A	Chatsworth	01/11/2011	1867.5	18.83	1848.67	
RD-49A	Chatsworth	04/05/2011	1867.5	16.39	1851.11	
RD-49A	Chatsworth	07/07/2011	1867.5	20.40	1847.1	
RD-49A	Chatsworth	10/12/2011	1867.5	23.35	1844.15	
RD-49B	Chatsworth	01/11/2011	1868.11	218.88	1649.23	
RD-49B	Chatsworth	04/13/2011	1868.11	216.00	1652.11	
RD-49B	Chatsworth	07/07/2011	1868.11	213.45	1654.66	
RD-49B	Chatsworth	10/12/2011	1868.11	212.61	1655.5	

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
RD-49C	Chatsworth	01/11/2011	1869.63	257.61	1612.02	
RD-49C	Chatsworth	04/05/2011	1869.63	255.42	1614.21	
RD-49C	Chatsworth	07/07/2011	1869.63	253.10	1616.53	
RD-49C	Chatsworth	10/12/2011	1869.63	252.19	1617.44	
RD-50	Chatsworth	FLUTe	1914.88	--	--	(1)
RD-51A	Chatsworth	01/11/2011	1832.84	243.69	1589.15	
RD-51A	Chatsworth	04/04/2011	1832.84	239.80	1593.04	
RD-51A	Chatsworth	07/08/2011	1832.84	239.16	1593.68	
RD-51A	Chatsworth	10/10/2011	1832.84	240.43	1592.41	
RD-51B	Chatsworth	01/11/2011	1832.76	243.25	1589.51	
RD-51B	Chatsworth	04/04/2011	1832.76	239.60	1593.16	
RD-51B	Chatsworth	07/08/2011	1832.76	239.75	1593.01	
RD-51B	Chatsworth	10/10/2011	1832.76	240.01	1592.75	
RD-51C	Chatsworth	01/11/2011	1831.56	226.10	1605.46	
RD-51C	Chatsworth	04/04/2011	1831.56	223.31	1608.25	
RD-51C	Chatsworth	07/08/2011	1831.56	222.20	1609.36	
RD-51C	Chatsworth	10/10/2011	1831.56	221.51	1610.05	
RD-52A	Chatsworth	01/11/2011	1755.17	127.18	1627.99	
RD-52A	Chatsworth	04/04/2011	1755.17	116.96	1638.21	
RD-52A	Chatsworth	07/08/2011	1755.17	127.32	1627.85	
RD-52A	Chatsworth	10/11/2011	1755.17	127.29	1627.88	
RD-52B	Chatsworth	01/11/2011	1712.15	106.88	1605.27	
RD-52B	Chatsworth	04/04/2011	1712.15	104.29	1607.86	
RD-52B	Chatsworth	07/08/2011	1712.15	102.94	1609.21	
RD-52B	Chatsworth	10/11/2011	1712.15	102.04	1610.11	
RD-52C	Chatsworth	01/11/2011	1713.15	107.81	1605.34	
RD-52C	Chatsworth	04/04/2011	1713.15	105.07	1608.08	
RD-52C	Chatsworth	07/08/2011	1713.15	103.68	1609.47	
RD-52C	Chatsworth	10/11/2011	1713.15	102.72	1610.43	
RD-53	Chatsworth	01/11/2011	1909.33	152.79	1756.54	
RD-53	Chatsworth	04/04/2011	1909.33	150.29	1759.04	
RD-53	Chatsworth	07/08/2011	1909.33	148.39	1760.94	
RD-53	Chatsworth	10/10/2011	1909.33	147.69	1761.64	
RD-54A	Chatsworth	FLUTe	1841.72	--	--	(1)
RD-54B	Chatsworth	01/11/2011	1842.54	247.09	1595.45	
RD-54B	Chatsworth	04/05/2011	1842.54	248.04	1594.5	
RD-54B	Chatsworth	07/07/2011	1842.54	237.42	1605.12	
RD-54B	Chatsworth	10/10/2011	1842.54	239.77	1602.77	
RD-54C	Chatsworth	04/05/2011	1843.77	232.36	1611.41	
RD-54C	Chatsworth	10/12/2011	1843.77	226.07	1617.7	
RD-55A	Chatsworth	01/10/2011	1755.78	17.98	1737.8	
RD-55A	Chatsworth	04/05/2011	1755.78	10.22	1745.56	
RD-55A	Chatsworth	07/06/2011	1755.78	19.46	1736.32	
RD-55A	Chatsworth	10/11/2011	1755.78	27.48	1728.3	
RD-55B	Chatsworth	01/10/2011	1757.15	55.39	1701.76	
RD-55B	Chatsworth	04/05/2011	1757.15	48.80	1708.35	
RD-55B	Chatsworth	07/29/2011	1757.15	48.96	1708.19	
RD-55B	Chatsworth	10/11/2011	1757.15	51.75	1705.40	

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
RD-56A	Chatsworth	01/10/2011	1759.42	318.88	1440.54	
RD-56A	Chatsworth	04/04/2011	1759.42	298.29	1461.13	
RD-56A	Chatsworth	07/06/2011	1759.42	313.26	1446.16	
RD-56A	Chatsworth	10/10/2011	1759.42	315.58	1443.84	
RD-56B	Chatsworth	01/10/2011	1761.83	173.87	1587.96	
RD-56B	Chatsworth	04/04/2011	1761.83	169.32	1592.51	
RD-56B	Chatsworth	07/06/2011	1761.83	169.55	1592.28	
RD-56B	Chatsworth	10/10/2011	1761.83	169.86	1591.97	
RD-57	Chatsworth	FLUTe	1774.15	--	--	(1)
RD-58A	Chatsworth	01/10/2011	1756.02	83.23	1672.79	
RD-58A	Chatsworth	04/05/2011	1756.02	80.14	1675.88	
RD-58A	Chatsworth	07/06/2011	1756.02	76.19	1679.83	
RD-58A	Chatsworth	10/11/2011	1756.02	77.57	1678.45	
RD-58B	Chatsworth	01/10/2011	1761.47	103.91	1657.56	
RD-58B	Chatsworth	04/05/2011	1761.47	100.69	1660.78	
RD-58B	Chatsworth	07/06/2011	1761.47	99.04	1662.43	
RD-58B	Chatsworth	10/11/2011	1761.47	100.52	1660.95	
RD-58C	Chatsworth	01/10/2011	1759.19	118.41	1640.78	
RD-58C	Chatsworth	04/05/2011	1759.19	114.97	1644.22	
RD-58C	Chatsworth	07/06/2011	1759.19	115.87	1643.32	
RD-58C	Chatsworth	10/11/2011	1759.19	117.64	1641.55	
RD-59A	Chatsworth	01/10/2011	1340.59	28.13	1312.46	
RD-59A	Chatsworth	04/08/2011	1340.59	26.82	1313.77	
RD-59A	Chatsworth	07/06/2011	1340.59	27.68	1312.91	
RD-59A	Chatsworth	10/12/2011	1340.59	28.37	1312.22	
RD-59B	Chatsworth Artesian	01/10/2011	1342.49	-40.37	1382.86	
RD-59B	Chatsworth Artesian	04/08/2011	1342.49	-41.53	1384.02	
RD-59B	Chatsworth Artesian	07/06/2011	1342.49	-39.20	1381.69	
RD-59B	Chatsworth Artesian	10/12/2011	1342.49	-41.53	1384.02	
RD-59C	Chatsworth Artesian	01/10/2011	1345.41	-39.22	1384.63	
RD-59C	Chatsworth Artesian	04/08/2011	1345.41	-40.37	1385.78	
RD-59C	Chatsworth Artesian	07/06/2011	1345.41	-41.24	1386.65	
RD-59C	Chatsworth Artesian	10/12/2011	1345.41	-39.22	1384.63	
RD-60	Chatsworth	01/10/2011	1869.88	81.15	1788.73	
RD-60	Chatsworth	04/04/2011	1869.88	73.74	1796.14	
RD-60	Chatsworth	07/06/2011	1869.88	70.04	1799.84	
RD-60	Chatsworth	10/10/2011	1869.88	72.93	1796.95	
RD-61	Chatsworth	01/11/2011	1845.74	115.74	1730.00	
RD-61	Chatsworth	04/05/2011	1845.74	116.16	1729.58	
RD-61	Chatsworth	07/07/2011	1845.74	118.35	1727.39	
RD-61	Chatsworth	10/11/2011	1845.74	113.55	1732.19	
RD-62	Chatsworth	01/20/2011	1837.27	208.50	1628.77	
RD-62	Chatsworth	04/05/2011	1837.27	208.94	1628.33	
RD-62	Chatsworth	07/08/2011	1837.27	208.79	1628.48	
RD-62	Chatsworth	10/10/2011	1837.27	208.80	1628.47	
RD-63	Chatsworth	01/11/2011	1764.83	21.70	1743.13	
RD-63	Chatsworth	04/05/2011	1764.83	12.08	1752.75	
RD-63	Chatsworth	07/07/2011	1764.83	14.36	1750.47	
RD-63	Chatsworth	10/10/2011	1764.83	17.62	1747.21	

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
RD-64	Chatsworth	FLUTe	1857.04	--	--	(1)
RD-65	Chatsworth	FLUTe	1819.14	--	--	(1)
RD-66	Chatsworth	01/10/2011	1731.06	167.75	1563.31	
RD-66	Chatsworth	04/04/2011	1731.06	167.96	1563.1	
RD-66	Chatsworth	07/06/2011	1731.06	167.69	1563.37	
RD-66	Chatsworth	10/10/2011	1731.06	168.17	1562.89	
RD-67	Chatsworth	01/10/2011	1901.66	62.18	1839.48	
RD-67	Chatsworth	04/05/2011	1901.66	54.38	1847.28	
RD-67	Chatsworth	07/06/2011	1901.66	50.53	1851.13	
RD-67	Chatsworth	10/11/2011	1901.66	52.48	1849.18	
RD-68A	Chatsworth Artesian	01/10/2011	1307.64	-9.23	1316.87	(T)
RD-68A	Chatsworth Artesian	04/07/2011	1307.64	-16.15	1323.79	(T)
RD-68A	Chatsworth Artesian	07/06/2011	1307.64	-6.90	1314.54	(T)
RD-68A	Chatsworth Artesian	10/12/2011	1307.64	-11.54	1319.18	(T)
RD-68B	Chatsworth Artesian	01/10/2011	1312.44	-4.61	1317.05	(T)
RD-68B	Chatsworth Artesian	04/07/2011	1312.44	-12.46	1324.9	(T)
RD-68B	Chatsworth Artesian	07/06/2011	1312.44	UTM	--	(*T)
RD-68B	Chatsworth Artesian	10/12/2011	1312.44	UTM	--	(*T)
RD-69	Chatsworth	01/11/2011	1831.23	52.73	1778.5	
RD-69	Chatsworth	04/04/2011	1831.23	26.69	1804.54	
RD-69	Chatsworth	07/08/2011	1831.23	42.41	1788.82	
RD-69	Chatsworth	10/11/2011	1831.23	46.21	1785.02	
RD-70	Chatsworth	01/10/2011	1732.44	143.22	1589.22	
RD-70	Chatsworth	04/04/2011	1732.44	139.66	1592.78	
RD-70	Chatsworth	07/06/2011	1732.44	139.80	1592.64	
RD-70	Chatsworth	10/10/2011	1732.44	140.08	1592.36	
RD-71	Chatsworth	01/10/2011	1740.02	176.89	1563.13	
RD-71	Chatsworth	04/04/2011	1740.02	177.70	1562.32	
RD-71	Chatsworth	07/06/2011	1740.02	178.00	1562.02	
RD-71	Chatsworth	10/10/2011	1740.02	178.23	1561.79	
RD-72	Chatsworth	FLUTe	1907.25	--	--	(1)
RD-73	Chatsworth	01/11/2011	1901.6	85.13	1816.47	
RD-73	Chatsworth	04/04/2011	1901.6	82.41	1819.19	
RD-73	Chatsworth	07/07/2011	1901.6	81.87	1819.73	
RD-73	Chatsworth	10/10/2011	1901.6	82.05	1819.55	
RD-74	Chatsworth	01/11/2011	1810.9	30.56	1780.34	
RD-74	Chatsworth	04/05/2011	1810.9	27.23	1783.67	
RD-74	Chatsworth	07/07/2011	1810.9	49.46	1761.44	
RD-74	Chatsworth	10/10/2011	1810.9	Dry	--	
RD-75	Chatsworth	01/11/2011	1613.07	389.03	1224.04	
RD-75	Chatsworth	04/04/2011	1613.07	388.49	1224.58	
RD-75	Chatsworth	07/07/2011	1613.07	388.27	1224.80	
RD-75	Chatsworth	10/10/2011	1613.07	388.10	1224.97	
RD-76	Chatsworth	01/11/2011	1772.38	127.70	1644.68	
RD-76	Chatsworth	04/04/2011	1772.38	127.67	1644.71	
RD-76	Chatsworth	07/07/2011	1772.38	127.46	1644.92	
RD-76	Chatsworth	10/10/2011	1772.38	127.41	1644.97	

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
RD-77	Chatsworth	01/11/2011	1918.6	104.51	1814.09	
RD-77	Chatsworth	04/04/2011	1918.6	102.03	1816.57	
RD-77	Chatsworth	07/07/2011	1918.6	99.71	1818.89	
RD-77	Chatsworth	10/10/2011	1918.6	99.94	1818.66	
RD-78	Chatsworth	01/11/2011	1819.58	235.37	1584.21	
RD-78	Chatsworth	04/04/2011	1819.58	233.01	1586.57	
RD-78	Chatsworth	07/07/2011	1819.58	233.38	1586.20	
RD-78	Chatsworth	10/11/2011	1819.58	232.04	1587.54	
RD-80	Chatsworth	01/11/2011	1740.18	134.25	1605.93	
RD-80	Chatsworth	04/04/2011	1740.18	131.44	1608.74	
RD-80	Chatsworth	07/08/2011	1740.18	130.23	1609.95	
RD-80	Chatsworth	10/11/2011	1740.18	129.28	1610.9	
RD-81	Chatsworth	01/11/2011	1706.06	99.33	1606.73	
RD-81	Chatsworth	04/04/2011	1706.06	95.38	1610.68	
RD-81	Chatsworth	07/08/2011	1706.06	96.10	1609.96	
RD-81	Chatsworth	10/11/2011	1706.06	95.24	1610.82	
RD-82	Chatsworth	01/11/2011	1676.71	70.42	1606.29	
RD-82	Chatsworth	04/04/2011	1676.71	68.13	1608.58	
RD-82	Chatsworth	07/08/2011	1676.71	66.53	1610.18	
RD-82	Chatsworth	10/11/2011	1676.71	65.70	1611.01	
RD-83	Chatsworth	01/11/2011	1660.9	55.52	1605.38	
RD-83	Chatsworth	04/04/2011	1660.9	50.49	1610.41	
RD-83	Chatsworth	07/08/2011	1660.9	51.91	1608.99	
RD-83	Chatsworth	10/10/2011	1660.9	51.17	1609.73	
RD-84	Chatsworth	01/11/2011	1907.82	150.45	1757.37	
RD-84	Chatsworth	04/04/2011	1907.82	148.17	1759.65	
RD-84	Chatsworth	07/08/2011	1907.82	146.05	1761.77	
RD-84	Chatsworth	10/10/2011	1907.82	145.30	1762.52	
RD-85	Chatsworth	01/10/2011	1849.36	58.99	1790.37	
RD-85	Chatsworth	04/04/2011	1849.36	51.89	1797.47	
RD-85	Chatsworth	07/06/2011	1849.36	49.57	1799.79	
RD-85	Chatsworth	10/10/2011	1849.36	52.83	1796.53	
RD-86	Chatsworth	01/10/2011	1832.16	38.22	1793.94	
RD-86	Chatsworth	04/04/2011	1832.16	25.80	1806.36	
RD-86	Chatsworth	07/06/2011	1832.16	21.71	1810.45	
RD-86	Chatsworth	10/10/2011	1832.16	24.05	1808.11	
RD-87	Chatsworth	01/10/2011	1789.09	47.06	1742.03	
RD-87	Chatsworth	04/05/2011	1789.09	41.78	1747.31	
RD-87	Chatsworth	07/07/2011	1789.09	42.96	1746.13	
RD-87	Chatsworth	10/10/2011	1789.09	44.24	1744.85	
RD-88	Chatsworth	01/10/2011	1774.62	22.61	1752.01	
RD-88	Chatsworth	04/05/2011	1774.62	18.14	1756.48	
RD-88	Chatsworth	07/07/2011	1774.62	20.92	1753.7	
RD-88	Chatsworth	10/10/2011	1774.62	22.62	1752	
RD-89	Chatsworth	01/10/2011	1814.18	41.94	1772.24	
RD-89	Chatsworth	04/05/2011	1814.18	34.83	1779.35	
RD-89	Chatsworth	07/06/2011	1814.18	32.88	1781.30	
RD-89	Chatsworth	10/10/2011	1814.18	34.91	1779.27	

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
RD-90	Chatsworth	01/10/2011	1784.75	31.81	1752.94	
RD-90	Chatsworth	04/05/2011	1784.75	27.57	1757.18	
RD-90	Chatsworth	07/06/2011	1784.75	27.33	1757.42	
RD-90	Chatsworth	10/10/2011	1784.75	28.39	1756.36	
RD-91	Chatsworth	01/11/2011	1818.04	60.80	1757.24	
RD-91	Chatsworth	04/05/2011	1818.04	28.18	1789.86	
RD-91	Chatsworth	07/07/2011	1818.04	25.98	1792.06	
RD-91	Chatsworth	10/10/2011	1818.04	27.85	1790.19	
RD-92	Chatsworth	01/10/2011	1833.74	60.39	1773.35	
RD-92	Chatsworth	04/05/2011	1833.74	59.20	1774.54	
RD-92	Chatsworth	07/06/2011	1833.74	59.39	1774.35	
RD-92	Chatsworth	10/10/2011	1833.74	58.69	1775.05	
RD-93	Chatsworth	01/10/2011	1810.48	30.66	1779.82	
RD-93	Chatsworth	04/05/2011	1810.48	33.66	1776.82	
RD-93	Chatsworth	07/07/2011	1810.48	30.16	1780.32	
RD-93	Chatsworth	10/10/2011	1810.48	36.38	1774.1	
RD-94	Chatsworth	01/10/2011	1744.38	16.87	1727.51	
RD-94	Chatsworth	04/05/2011	1744.38	9.67	1734.71	
RD-94	Chatsworth	07/07/2011	1744.38	11.75	1732.63	
RD-94	Chatsworth	10/10/2011	1744.38	13.55	1730.83	
RD-95	Chatsworth	01/10/2011	1811.36	53.47	1757.89	
RD-95	Chatsworth	04/05/2011	1811.36	53.50	1757.86	
RD-95	Chatsworth	07/07/2011	1811.36	48.24	1763.12	
RD-95	Chatsworth	10/10/2011	1811.36	47.49	1763.87	
RD-96	Chatsworth	01/11/2011	1805.49	62.89	1742.6	
RD-96	Chatsworth	04/05/2011	1805.49	58.84	1746.65	
RD-96	Chatsworth	07/07/2011	1805.49	54.60	1750.89	
RD-96	Chatsworth	10/10/2011	1805.49	55.00	1750.49	
RD-97	Chatsworth	01/11/2011	1792.22	51.61	1740.61	
RD-97	Chatsworth	04/05/2011	1792.22	43.36	1748.86	
RD-97	Chatsworth	07/07/2011	1792.22	43.23	1748.99	
RD-97	Chatsworth	10/10/2011	1792.22	45.52	1746.7	
RD-98	Chatsworth	01/10/2011	1808.73	36.96	1771.77	
RD-98	Chatsworth	04/04/2011	1808.73	24.33	1784.40	
RD-98	Chatsworth	07/06/2011	1808.73	32.48	1776.25	
RD-98	Chatsworth	10/10/2011	1808.73	36.26	1772.47	
RD-104	Chatsworth	01/11/2011	1826.49	31.45	1795.04	
RD-104	Chatsworth	04/05/2011	1826.49	15.31	1811.18	
RD-104	Chatsworth	07/07/2011	1826.49	21.95	1804.54	
RD-104	Chatsworth	10/11/2011	1826.49	26.47	1800.02	
RS-01	Shallow	01/11/2011	1879.68	Dry	--	
RS-01	Shallow	04/04/2011	1879.68	Dry	--	
RS-01	Shallow	07/08/2011	1879.68	22.63	1857.05	
RS-01	Shallow	10/10/2011	1879.68	Dry	--	
RS-02	Shallow	01/11/2011	1901.08	Dry	--	
RS-02	Shallow	04/04/2011	1901.08	Dry	--	
RS-02	Shallow	07/07/2011	1901.08	Dry	--	
RS-02	Shallow	10/10/2011	1901.08	Dry	--	

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
RS-03	Shallow	01/11/2011	1834.22	14.51	1819.71	
RS-03	Shallow	04/04/2011	1834.22	13.41	1820.81	
RS-03	Shallow	07/07/2011	1834.22	22.13	1812.09	
RS-03	Shallow	10/10/2011	1834.22	Dry	--	
RS-04	Shallow	01/11/2011	1826.56	28.44	1798.12	
RS-04	Shallow	04/05/2011	1826.56	12.14	1814.42	
RS-04	Shallow	07/07/2011	1826.56	25.39	1801.17	
RS-04	Shallow	10/10/2011	1826.56	Dry	--	
RS-05	Shallow	01/11/2011	1783.73	20.69	1763.04	
RS-05	Shallow	04/06/2011	1783.73	15.64	1768.09	
RS-05	Shallow	07/07/2011	1783.73	15.91	1767.82	
RS-05	Shallow	10/10/2011	1783.73	18.43	1765.3	
RS-06	Shallow	01/11/2011	1757.43	18.55	1738.88	
RS-06	Shallow	04/05/2011	1757.43	18.48	1738.95	
RS-06	Shallow	07/07/2011	1757.43	18.77	1738.66	
RS-06	Shallow	10/11/2011	1757.43	18.71	1738.72	
RS-07	Shallow	01/20/2011	1732.27	5.08	1727.19	
RS-07	Shallow	04/05/2011	1732.27	3.57	1728.7	
RS-07	Shallow	07/08/2011	1732.27	7.24	1725.03	
RS-07	Shallow	10/10/2011	1732.27	Dry	--	
RS-08	Shallow	01/11/2011	1821.46	7.38	1814.08	
RS-08	Shallow	04/05/2011	1821.46	5.40	1816.06	
RS-08	Shallow	07/07/2011	1821.46	9.58	1811.88	
RS-08	Shallow	10/11/2011	1821.46	13.30	1808.16	
RS-09	Shallow	01/10/2011	1735.52	Dry	--	
RS-09	Shallow	04/05/2011	1735.52	18.52	1717	
RS-09	Shallow	07/06/2011	1735.52	20.51	1715.01	
RS-09	Shallow	10/11/2011	1735.52	Dry	--	
RS-10	Shallow	01/10/2011	1762.08	Dry	--	
RS-10	Shallow	04/06/2011	1762.08	17.17	1744.91	
RS-10	Shallow	07/06/2011	1762.08	Dry	--	
RS-10	Shallow	10/11/2011	1762.08	Dry	--	
RS-11	Shallow	01/10/2011	1790.39	14.61	1775.78	
RS-11	Shallow	04/05/2011	1790.39	7.09	1783.3	
RS-11	Shallow	07/06/2011	1790.39	9.44	1780.95	
RS-11	Shallow	10/10/2011	1790.39	13.49	1776.9	
RS-12	Shallow	01/10/2011	1727.48	Dry	--	
RS-12	Shallow	04/05/2011	1727.48	Dry	--	
RS-12	Shallow	07/06/2011	1727.48	Dry	--	
RS-12	Shallow	10/11/2011	1727.48	Dry	--	
RS-13	Shallow	01/10/2011	1645.13	20.70	1624.43	
RS-13	Shallow	04/05/2011	1645.13	10.93	1634.2	
RS-13	Shallow	07/06/2011	1645.13	Dry	--	
RS-13	Shallow	10/11/2011	1645.13	Dry	--	
RS-14	Shallow	01/10/2011	1734.78	Dry	--	
RS-14	Shallow	04/05/2011	1734.78	15.89	1718.89	
RS-14	Shallow	07/06/2011	1734.78	19.37	1715.41	
RS-14	Shallow	10/11/2011	1734.78	Dry	--	

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
RS-15	Shallow	01/10/2011	1764.86	6.01	1758.85	
RS-15	Shallow	04/06/2011	1764.86	3.88	1760.98	
RS-15	Shallow	07/06/2011	1764.86	9.66	1755.2	
RS-15	Shallow	10/11/2011	1764.86	8.64	1756.22	
RS-16	Shallow	01/11/2011	1811.05	Dry	--	
RS-16	Shallow	04/05/2011	1811.05	18.80	1792.25	
RS-16	Shallow	07/07/2011	1811.05	Dry	--	
RS-16	Shallow	10/10/2011	1811.05	Dry	--	
RS-17	Shallow	01/10/2011	1766.52	8.83	1757.69	
RS-17	Shallow	04/06/2011	1766.52	6.77	1759.75	
RS-17	Shallow	07/06/2011	1766.52	11.70	1754.82	
RS-17	Shallow	10/11/2011	1766.52	13.52	1753.00	
RS-18	Shallow	01/11/2011	1802.86	5.80	1797.06	
RS-18	Shallow	04/05/2011	1802.86	4.06	1798.8	
RS-18	Shallow	07/07/2011	1802.86	9.12	1793.74	
RS-18	Shallow	10/10/2011	1802.86	12.75	1790.11	
RS-19	Shallow	01/11/2011	1812.42	7.42	1805	
RS-19	Shallow	04/05/2011	1812.42	3.79	1808.63	
RS-19	Shallow	07/07/2011	1812.42	6.89	1805.53	
RS-19	Shallow	10/10/2011	1812.42	Dry	--	
RS-20	Shallow	01/11/2011	1823.77	8.59	1815.18	
RS-20	Shallow	04/05/2011	1823.77	3.46	1820.31	
RS-20	Shallow	07/07/2011	1823.77	11.43	1812.34	
RS-20	Shallow	10/10/2011	1823.77	16.23	1807.54	
RS-21	Shallow	01/11/2011	1767.36	Dry	--	
RS-21	Shallow	04/04/2011	1767.36	22.70	1744.66	
RS-21	Shallow	07/08/2011	1767.36	23.80	1743.56	
RS-21	Shallow	10/12/2011	1767.36	Dry	--	
RS-22	Shallow	01/11/2011	1771.23	Dry	--	
RS-22	Shallow	04/04/2011	1771.23	25.43	1745.8	
RS-22	Shallow	07/07/2011	1771.23	25.88	1745.35	
RS-22	Shallow	10/12/2011	1771.23	28.65	1742.58	
RS-23	Shallow	01/11/2011	1887.25	14.50	1872.75	
RS-23	Shallow	04/05/2011	1887.25	13.03	1874.22	
RS-23	Shallow	07/07/2011	1887.25	Dry	--	
RS-23	Shallow	10/10/2011	1887.25	Dry	--	
RS-24	Shallow	01/10/2011	1809.24	Dry	--	
RS-24	Shallow	04/05/2011	1809.24	Dry	--	
RS-24	Shallow	07/06/2011	1809.24	Dry	--	
RS-24	Shallow	10/10/2011	1809.24	Dry	--	
RS-25	Shallow	01/10/2011	1862.71	12.93	1849.78	
RS-25	Shallow	04/04/2011	1862.71	12.84	1849.87	
RS-25	Shallow	07/06/2011	1862.71	14.15	1848.56	
RS-25	Shallow	10/10/2011	1862.71	14.58	1848.13	
RS-27	Shallow	01/10/2011	1804.78	9.04	1795.74	
RS-27	Shallow	04/05/2011	1804.78	6.74	1798.04	
RS-27	Shallow	07/07/2011	1804.78	Dry	--	
RS-27	Shallow	10/10/2011	1804.78	Dry	--	

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
RS-28	Shallow	01/10/2011	1768.59	UTM	--	(*)
RS-28	Shallow	04/13/2011	1768.59	UTM	--	(*)
RS-28	Shallow	07/07/2011	1768.59	UTM	--	(*)
RS-28	Shallow	10/10/2011	1768.59	UTM	--	(*)
RS-29	Shallow	01/11/2011	1833.09	34.15	1798.94	
RS-29	Shallow	04/04/2011	1833.09	28.77	1804.32	
RS-29	Shallow	07/08/2011	1833.09	34.58	1798.51	
RS-29	Shallow	10/10/2011	1833.09	39.34	1793.75	
RS-30	Shallow	01/11/2011	1909.01	14.30	1894.71	
RS-30	Shallow	04/04/2011	1909.01	12.66	1896.35	
RS-30	Shallow	07/08/2011	1909.01	17.86	1891.15	
RS-30	Shallow	10/10/2011	1909.01	19.09	1889.92	
RS-31	Shallow	01/11/2011	1909.03	11.71	1897.32	
RS-31	Shallow	04/04/2011	1909.03	10.36	1898.67	
RS-31	Shallow	07/08/2011	1909.03	16.83	1892.2	
RS-31	Shallow	10/10/2011	1909.03	16.95	1892.08	
RS-32	Shallow	01/11/2011	1908.99	6.91	1902.08	
RS-32	Shallow	04/04/2011	1908.99	5.31	1903.68	
RS-32	Shallow	07/08/2011	1908.99	14.34	1894.65	
RS-32	Shallow	10/10/2011	1908.99	15.26	1893.73	
RS-33	Shallow	01/10/2011	1728.89	24.87	1704.02	
RS-33	Shallow	04/05/2011	1728.89	13.69	1715.2	
RS-33	Shallow	07/06/2011	1728.89	UTM	--	(*)
RS-33	Shallow	10/11/2011	1728.89	22.70	1706.19	
RS-34	Shallow	01/11/2011	1808.87	23.45	1785.42	
RS-34	Shallow	04/05/2011	1808.87	17.02	1791.85	
RS-34	Shallow	07/07/2011	1808.87	15.14	1793.73	
RS-34	Shallow	10/12/2011	1808.87	20.29	1788.58	
RS-35	Shallow	01/11/2011	1900.07	Dry	--	
RS-35	Shallow	04/04/2011	1900.07	Dry	--	
RS-35	Shallow	07/07/2011	1900.07	Dry	--	
RS-35	Shallow	10/10/2011	1900.07	Dry	--	
RS-54	Shallow	01/11/2011	1846.66	22.66	1824	
RS-54	Shallow	04/05/2011	1846.66	16.50	1830.16	
RS-54	Shallow	07/07/2011	1846.66	17.54	1829.12	
RS-54	Shallow	10/10/2011	1846.66	18.39	1828.27	
SH-01	Shallow	01/10/2011	1772.84	5.99	1766.85	
SH-01	Shallow	04/05/2011	1772.84	3.91	1768.93	
SH-01	Shallow	07/06/2011	1772.84	8.70	1764.14	
SH-01	Shallow	10/11/2011	1772.84	Dry	--	
SH-02	Shallow	01/10/2011	1762.76	5.37	1757.39	
SH-02	Shallow	04/05/2011	1762.76	4.27	1758.49	
SH-02	Shallow	07/06/2011	1762.76	7.58	1755.18	
SH-02	Shallow	10/11/2011	1762.76	Dry	--	
SH-03	Shallow	01/10/2011	1762.53	5.10	1757.43	
SH-03	Shallow	04/05/2011	1762.53	4.15	1758.38	
SH-03	Shallow	07/06/2011	1762.53	7.39	1755.14	
SH-03	Shallow	10/11/2011	1762.53	9.87	1752.66	

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
SH-04	Shallow	01/10/2011	1765.08	6.58	1758.5	
SH-04	Shallow	04/05/2011	1765.08	5.74	1759.34	
SH-04	Shallow	07/06/2011	1765.08	9.32	1755.76	
SH-04	Shallow	10/11/2011	1765.08	12.38	1752.7	
SH-05	Shallow	01/10/2011	1762.97	7.51	1755.46	
SH-05	Shallow	04/05/2011	1762.97	6.88	1756.09	
SH-05	Shallow	07/06/2011	1762.97	10.58	1752.39	
SH-05	Shallow	10/11/2011	1762.97	Dry	--	
SH-06	Shallow	01/10/2011	1776.99	9.27	1767.72	
SH-06	Shallow	04/05/2011	1776.99	5.07	1771.92	
SH-06	Shallow	07/06/2011	1776.99	Dry	--	
SH-06	Shallow	10/11/2011	1776.99	Dry	--	
SH-07	Shallow	01/10/2011	1775.11	8.98	1766.13	
SH-07	Shallow	04/05/2011	1775.11	4.57	1770.54	
SH-07	Shallow	07/06/2011	1775.11	10.60	1764.51	
SH-07	Shallow	10/11/2011	1775.11	Dry	--	
SH-08	Shallow	01/10/2011	1763.25	6.47	1756.78	
SH-08	Shallow	04/05/2011	1763.25	5.69	1757.56	
SH-08	Shallow	07/06/2011	1763.25	8.30	1754.95	
SH-08	Shallow	10/11/2011	1763.25	12.02	1751.23	
SH-09	Shallow	01/10/2011	1761.19	5.17	1756.02	
SH-09	Shallow	04/05/2011	1761.19	4.48	1756.71	
SH-09	Shallow	07/06/2011	1761.19	7.73	1753.46	
SH-09	Shallow	10/11/2011	1761.19	Dry	--	
SH-10	Shallow	01/10/2011	1757.69	5.19	1752.5	
SH-10	Shallow	04/06/2011	1757.69	4.38	1753.31	
SH-10	Shallow	07/06/2011	1757.69	Dry	--	
SH-10	Shallow	10/11/2011	1757.69	Dry	--	
SH-11	Shallow	01/10/2011	1756	9.49	1746.51	
SH-11	Shallow	04/05/2011	1756	7.10	1748.9	
SH-11	Shallow	07/08/2011	1756	12.04	1743.96	
SH-11	Shallow	10/11/2011	1756	17.27	1738.73	
WS-04A	Chatsworth	01/11/2011	1750.94	145.58	1605.36	
WS-04A	Chatsworth	04/04/2011	1750.94	143.16	1607.78	
WS-04A	Chatsworth	07/08/2011	1750.94	141.92	1609.02	
WS-04A	Chatsworth	10/11/2011	1750.94	140.85	1610.09	
WS-05	Chatsworth	01/11/2011	1830.2	223.68	1606.52	
WS-05	Chatsworth	04/04/2011	1830.2	221.39	1608.81	
WS-05	Chatsworth	07/07/2011	1830.2	218.94	1611.26	
WS-05	Chatsworth	10/10/2011	1830.2	218.47	1611.73	
WS-06	Chatsworth	01/11/2011	1932.72	326.67	1606.05	
WS-06	Chatsworth	04/05/2011	1932.72	324.30	1608.42	
WS-06	Chatsworth	07/07/2011	1932.72	322.29	1610.43	
WS-06	Chatsworth	10/12/2011	1932.72	321.49	1611.23	
WS-07	Chatsworth	01/10/2011	1826.19	58.89	1767.3	
WS-07	Chatsworth	04/04/2011	1826.19	49.17	1777.02	
WS-07	Chatsworth	07/06/2011	1826.19	50.52	1775.67	
WS-07	Chatsworth	10/10/2011	1826.19	53.49	1772.7	

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Geological Unit	Date of Measurement	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)	Notes
WS-08	Chatsworth	01/11/2011	1794.39	137.98	1656.41	
WS-08	Chatsworth	04/06/2011	1794.39	135.29	1659.1	
WS-08	Chatsworth	07/07/2011	1794.39	132.09	1662.3	
WS-08	Chatsworth	10/11/2011	1794.39	131.49	1662.9	
WS-09	Chatsworth	01/11/2011	1883.99	274.61	1609.38	
WS-09	Chatsworth	04/13/2011	1883.99	273.01	1610.98	
WS-09	Chatsworth	07/07/2011	1883.99	270.51	1613.48	
WS-09	Chatsworth	10/11/2011	1883.99	269.06	1614.93	
WS-09A	Chatsworth	01/10/2011	1647.61	23.07	1624.54	
WS-09A	Chatsworth	04/05/2011	1647.61	13.81	1633.8	
WS-09A	Chatsworth	07/06/2011	1647.61	33.56	1614.05	
WS-09A	Chatsworth	10/11/2011	1647.61	31.02	1616.59	
WS-09B	Chatsworth	01/11/2011	1796.89	82.40	1714.49	
WS-09B	Chatsworth	04/04/2011	1796.89	83.10	1713.79	
WS-09B	Chatsworth	07/08/2011	1796.89	84.05	1712.84	
WS-09B	Chatsworth	10/11/2011	1796.89	84.96	1711.93	
WS-11	Chatsworth	01/10/2011	1748.7	45.76	1702.94	
WS-11	Chatsworth	04/05/2011	1748.7	36.16	1712.54	
WS-11	Chatsworth	07/06/2011	1748.7	35.72	1712.98	
WS-11	Chatsworth	10/11/2011	1748.7	44.48	1704.22	
WS-12	Chatsworth	01/11/2011	1705.98	100.99	1604.99	
WS-12	Chatsworth	04/04/2011	1705.98	98.17	1607.81	
WS-12	Chatsworth	07/08/2011	1705.98	96.78	1609.2	
WS-12	Chatsworth	10/11/2011	1705.98	95.71	1610.27	
WS-13	Chatsworth	01/11/2011	1658.62	53.08	1605.54	
WS-13	Chatsworth	04/04/2011	1658.62	50.54	1608.08	
WS-13	Chatsworth	07/08/2011	1658.62	49.12	1609.5	
WS-13	Chatsworth	10/10/2011	1658.62	48.34	1610.28	
WS-14	Chatsworth	01/11/2011	1878.23	298.00	1580.23	
WS-14	Chatsworth	04/04/2011	1878.23	314.79	1563.44	
WS-14	Chatsworth	07/07/2011	1878.23	313.80	1564.43	
WS-14	Chatsworth	10/11/2011	1878.23	312.10	1566.13	
WS-SP	Chatsworth	01/11/2011	1766.76	29.11	1737.65	
WS-SP	Chatsworth	04/04/2011	1766.76	22.74	1744.02	
WS-SP	Chatsworth	07/08/2011	1766.76	24.28	1742.48	
WS-SP	Chatsworth	10/12/2011	1766.76	27.63	1739.13	

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

NOTES AND ABBREVIATIONS

BTOC = below top of casing.

MSL = Mean Sea Level.

(I) = Incompatible with use of pressure transducer

(T) = Pressure transducer installed on artesian well

UTM = Unable to measure

-- = No data available or not applicable

Chatsworth = Chatsworth Formation groundwater unit

Chatsworth Artesian = Chatsworth Formation groundwater unit - Artesian with hydrostatic head above land surface

Shallow = Near-surface groundwater unit

Static water level elevations were calculated using the following equation:

E_W = E – D + C

Where:

E_W = Elevation of water above mean sea level (feet)
E = Elevation above sea level at point of measurement (feet)
D = Depth to water (feet)
C = Calibration correction factor (feet)

(*) = Unable to measure due to the following:

FDP-835 - Seep completion incompatible with use of pressure transducer. Artesian flow observed.
FDP-890 - Seep completion incompatible with use of pressure transducer. Artesian flow observed.
HAR-34 - unable to access due to bees
OS-02 - the flowing artesian well configuration was incompatible with the use of a pressure gauge/transducer.
OS-03 - the flowing artesian well configuration was incompatible with the use of a pressure gauge/transducer.
OS-04 - the flowing artesian well configuration was incompatible with the use of a pressure gauge/transducer.
OS-05 - the flowing artesian well configuration was incompatible with the use of a pressure gauge/transducer.
OS-09 - the flowing artesian well configuration was incompatible with the use of a pressure gauge/transducer.
OS-10 - the flowing artesian well configuration was incompatible with the use of a pressure gauge/transducer.
OS-16 - Unable to measure; no downhole access.
OS-24 - Unable to measure; partially removed FLUTe system prevents water level measurements.
RD-30 - Vault welded shut to prevent surface water from infiltrating the well.
RD-68B - The flowing artesian surface completion was dismantled and a pressure reading could not be collected.
RS-28 - Vault welded shut to prevent surface water from infiltrating the well.
RS-33 - well is overgrown with vegetation

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

(1) = FLUTe installed in well. Water levels at saturated ports were recorded by dataloggers:

-- = failed pressure transducer

NA = port historically dry; not currently monitored

Well	Port	Spacer Interval (feet btc)	Date	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)
RD-07			1812.82	All pressure transducers over-range since installation		
RD-21	1	85 - 95	1/11/2011	1866.96	Dry	Dry
			4/1/2011		Dry	Dry
			7/1/2011		89.14	1777.82
			10/1/2011		88.73	1778.23
	2	105 - 115	1/11/2011	1866.96	94.86	1772.10
			4/1/2011		94.07	1772.89
			7/1/2011		89.42	1777.54
			10/1/2011		88.98	1777.98
	3	125 - 135	1/11/2011	1866.96	95.87	1771.09
			4/1/2011		95.31	1771.65
			7/1/2011		90.53	1776.43
			10/1/2011		89.95	1777.01
	4	145 - 155	1/11/2011	1866.96	115.61	1751.35
			4/1/2011		120.21	1746.75
			7/1/2011		--	--
			10/1/2011		--	--
	5	165 - 175	1/11/2011	1866.96	91.96	1775.00
			4/1/2011		91.29	1775.67
			7/1/2011		86.45	1780.51
			10/1/2011		85.66	1781.30
RD-22	1	310 - 320	1/11/2011	1853.41	296.85	1556.56
			4/1/2011		297.40	1556.01
			7/1/2011		296.89	1556.52
			10/1/2011		296.90	1556.51
	2	330 - 340	1/11/2011	1853.41	296.98	1556.43
			4/1/2011		297.53	1555.88
			7/1/2011		296.95	1556.46
			10/1/2011		296.78	1556.63
	3	350 - 360	1/11/2011	1853.41	--	--
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--
	4	370 - 380	1/11/2011	1853.41	--	--
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--
	5	390 - 400	1/11/2011	1853.41	298.95	1554.46
			4/1/2011		299.56	1553.86
			7/1/2011		299.01	1554.40
			10/1/2011		299.08	1554.33
	6	410 - 420	1/11/2011	1853.41	--	--
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well	Port	Spacer Interval (feet btc)	Date	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)
RD-22	7	430 - 440	1/11/2011	1853.41	--	--
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--
RD-23			1838.19	All pressure transducers have failed		
RD-33A	1	211 - 221	1/11/2011	1792.97	206.06	1586.91
			4/1/2011		208.21	1584.76
			7/1/2011		204.47	1588.50
			10/1/2011		204.43	1588.54
	2	231 - 241	1/11/2011	1792.97	208.90	1584.07
			4/1/2011		211.14	1581.83
			7/1/2011		209.22	1583.75
			10/1/2011		203.97	1589.00
	3	251 - 261	1/11/2011	1792.97	209.10	1583.87
			4/1/2011		210.97	1582.00
			7/1/2011		208.07	1584.90
			10/1/2011		208.19	1584.78
	4	271 - 281	1/11/2011	1792.97	216.28	1576.69
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--
	5	291 - 301	1/11/2011	1792.97	205.58	1587.40
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--
	6	311 - 321	1/11/2011	1792.97	203.44	1589.53
			4/1/2011		203.05	1589.93
			7/1/2011		200.16	1592.81
			10/1/2011		202.29	1590.68
RD-50	1	106 - 116	1/11/2011	1914.88	--	--
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--
	2	126 - 136	1/11/2011	1914.88	--	--
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--
	3	146 - 156	1/11/2011	1914.88	113.59	1801.29
			4/1/2011		115.08	1799.80
			7/1/2011		108.00	1806.88
			10/1/2011		105.99	1808.89
	4	166 - 176	1/11/2011	1914.88	--	--
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--
	5	186 - 196	1/11/2011	1914.88	115.46	1799.42
			4/1/2011		116.82	1798.06
			7/1/2011		109.57	1805.31
			10/1/2011		107.41	1807.47

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well	Port	Spacer Interval (feet btc)	Date	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)
RD-54A	1	150.5 - 160.5	1/11/2011	1841.72	--	--
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--
	2	170.5 - 180.5	1/11/2011	1841.72	--	--
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--
	3	190.5 - 200.5	1/11/2011	1841.72	--	--
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--
	4	210.5 - 220.5	1/11/2011	1841.72	161.27	1680.45
			4/1/2011		162.80	1678.92
			7/1/2011		277.28	1564.44
			10/1/2011		171.67	1670.05
	5	230.5 - 240.5	1/11/2011	1841.72	--	--
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--
	6	250.5 - 260.5	1/11/2011	1841.72	--	--
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--
	7	270.5 - 280.5	1/11/2011	1841.72	182.02	1659.70
			4/1/2011		183.15	1658.57
			7/1/2011		272.85	1568.87
			10/1/2011		188.51	1653.21
RD-57	1	228 - 238	1/11/2011	1774.15	NA	NA
			4/1/2011		NA	NA
			7/1/2011		NA	NA
			10/1/2011		NA	NA
	2	248 - 258	1/11/2011	1774.15	NA	NA
			4/1/2011		NA	NA
			7/1/2011		NA	NA
			10/1/2011		NA	NA
	3	268 - 278	1/11/2011	1774.15	Dry	Dry
			4/1/2011		Dry	Dry
			7/1/2011		Dry	Dry
			10/1/2011		Dry	Dry
	4	288 - 298	1/11/2011	1774.15	Dry	Dry
			4/1/2011		Dry	Dry
			7/1/2011		Dry	Dry
			10/1/2011		Dry	Dry
	5	308 - 318	1/11/2011	1774.15	Dry	Dry
			4/1/2011		Dry	Dry
			7/1/2011		Dry	Dry
			10/1/2011		Dry	Dry

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well	Port	Spacer Interval (feet btc)	Date	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)
RD-57	6	328 - 338	1/11/2011	1774.15	Dry	Dry
			4/1/2011		324.85	1449.30
			7/1/2011		325.19	1448.96
			10/1/2011		321.73	1452.42
	7	348 - 358	1/11/2011	1774.15	330.36	1443.79
			4/1/2011		325.02	1449.13
			7/1/2011		321.34	1452.82
			10/1/2011		317.73	1456.42
	8	368 - 378	1/11/2011	1774.15	--	--
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--
	9	388 - 398	1/11/2011	1774.15	346.33	1427.83
			4/1/2011		345.05	1429.10
			7/1/2011		347.31	1426.84
			10/1/2011		331.62	1442.53
	10	408 - 418	1/11/2011	1774.15	343.65	1430.50
			4/1/2011		342.28	1431.87
			7/1/2011		343.39	1430.76
			10/1/2011		343.26	1430.89
RD-64			1857.04	All pressure transducers have failed		
RD-65	1	167 - 177	1/11/2011	1819.14	--	--
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--
	2	187 - 197	1/11/2011	1819.14	--	--
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--
	3	207 - 217	1/11/2011	1819.14	--	--
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--
	4	227 - 237	1/11/2011	1819.14	--	--
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--
	5	247 - 257	1/11/2011	1819.14	222.90	1596.24
			4/1/2011		222.67	1596.48
			7/1/2011		222.58	1596.56
			10/1/2011		223.15	1595.99
	6	267 - 277	1/11/2011	1819.14	--	--
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well	Port	Spacer Interval (feet btc)	Date	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)
RD-65	7	287 - 297	1/11/2011	1819.14	--	--
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--
	8	307 - 317	1/11/2011	1819.14	231.83	1587.31
			4/1/2011		233.45	1585.69
			7/1/2011		232.71	1586.44
			10/1/2011		228.02	1591.12
	9	327 - 337	1/11/2011	1819.14	--	--
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--
	10	347 - 357	1/11/2011	1819.14	--	--
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--
	11	367 - 377	1/11/2011	1819.14	--	--
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--
	12	387 - 397	1/11/2011	1819.14	--	--
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--
RD-72	1	45 - 55	1/11/2011	1907.25	Dry	Dry
			4/1/2011		Dry	Dry
			7/1/2011		Dry	Dry
			10/1/2011		Dry	Dry
	2	65 - 75	1/11/2011	1907.25	Dry	Dry
			4/1/2011		Dry	Dry
			7/1/2011		Dry	Dry
			10/1/2011		Dry	Dry
	3	85 - 95	1/11/2011	1907.25	Dry	Dry
			4/1/2011		Dry	Dry
			7/1/2011		Dry	Dry
			10/1/2011		Dry	Dry
	4	105 - 115	1/11/2011	1907.25	--	--
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--
	5	125 - 135	1/11/2011	1907.25	94.89	1812.36
			4/1/2011		92.41	1814.84
			7/1/2011		91.17	1816.08
			10/1/2011		92.50	1814.75
	6	145 - 155	1/11/2011	1907.25	--	--
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well	Port	Spacer Interval (feet btc)	Date	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)
RD-72	7	165 - 175	1/11/2011	1907.25	--	--
			4/1/2011		--	--
			7/1/2011		--	--
			10/1/2011		--	--
	8	185 - 195	1/11/2011	1907.25	95.02	1812.23
			4/1/2011		92.75	1814.51
			7/1/2011		91.75	1815.50
			10/1/2011		92.47	1814.78

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

(2) = Westbay installed in well. Water levels measured by wireline probe are provided for the wells listed below.

Zone = a section of the Westbay that includes measuring and pumping ports. A pumping port enables the zone to be purged.

QA = a section of the Westbay that only has a measuring port. This interval can be sampled, but not purged.

Well	Port	Spacer Interval (feet btc)	Date	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)
OS-09R	Zone 1	30.0 - 41.1	1/20/2011	1018.07	-2.58	1020.65
			4/1/2011		-3.41	1021.48
			7/19/2011		-1.95	1020.02
			10/13/2011		-1.03	1019.10
	Zone 2	44.1 - 53.1	1/20/2011	1018.07	-3.03	1021.10
			4/1/2011		-3.77	1021.84
			7/19/2011		-2.20	1020.27
			10/13/2011		-1.20	1019.27
	QA-01	56.2 - 61.2	1/20/2011	1018.07	-0.44	1018.51
			4/1/2011		-3.69	1021.76
			7/19/2011		-2.26	1020.33
			10/13/2011		-1.20	1019.27
	Zone 3	64.2 - 89.2	1/20/2011	1018.07	-15.21	1033.28
			4/1/2011		-15.90	1033.97
			7/19/2011		-15.72	1033.79
			10/13/2011		-14.45	1032.52
	QA-02	92.2 - 96.2	1/20/2011	1018.07	-15.18	1033.25
			4/1/2011		-15.97	1034.04
			7/19/2011		-15.76	1033.83
			10/13/2011		-14.54	1032.61
	Zone 4	99.2 - 128.2	1/20/2011	1018.07	-15.27	1033.34
			4/1/2011		-15.94	1034.01
			7/19/2011		-15.85	1033.92
			10/13/2011		-14.55	1032.62
	Zone 5	131.3 - 146.3	1/20/2011	1018.07	-16.74	1034.81
			4/1/2011		-17.45	1035.52
			7/19/2011		-17.32	1035.39
			10/13/2011		-15.93	1034.00
	Zone 6	149.3 - 174.3	1/20/2011	1018.07	-17.38	1035.45
			4/1/2011		-18.08	1036.15
			7/19/2011		-18.01	1036.08
			10/13/2011		-16.67	1034.74

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well	Port	Spacer Interval (feet btc)	Date	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)
	Zone 7	177.3 - 200.3	1/20/2011	1018.07	-18.54	1036.61
			4/1/2011		-19.16	1037.23
			7/19/2011		-19.32	1037.39
			10/13/2011		-18.10	1036.17
	Zone 8	203.3 - 217.3	1/20/2011	1018.07	-18.42	1036.49
			4/1/2011		-19.09	1037.16
			7/19/2011		-19.23	1037.30
			10/13/2011		-18.00	1036.07
	Zone 9	220.3 - 244.3	1/20/2011	1018.07	-15.36	1033.43
			4/1/2011		-15.70	1033.77
			7/19/2011		-15.91	1033.98
			10/13/2011		-14.87	1032.94
	QA-03	247.3 - 251.3	1/20/2011	1018.07	-20.96	1039.03
			4/1/2011		-21.12	1039.19
			7/19/2011		-21.37	1039.44
			10/13/2011		-19.67	1037.74
	Zone 10	254.3 - 276.3	1/20/2011	1018.07	-20.89	1038.96
			4/1/2011		-21.19	1039.26
			7/19/2011		-21.35	1039.42
			10/13/2011		-19.76	1037.83
	Zone 11	279.4 - 291.4	1/20/2011	1018.07	-21.37	1039.44
			4/1/2011		-21.70	1039.77
			7/19/2011		-22.09	1040.16
			10/13/2011		-20.45	1038.52
	Zone 12	294.4 - 306.4	1/20/2011	1018.07	-21.67	1039.74
			4/1/2011		-22.06	1040.13
			7/19/2011		-22.38	1040.45
			10/13/2011		-20.91	1038.98
	Zone 13	309.4 - 336.4	1/20/2011	1018.07	-21.78	1039.85
			4/1/2011		-22.31	1040.38
			7/19/2011		-22.64	1040.71
			10/13/2011		-21.23	1039.30
	Zone 14	339.4 - 356.4	1/20/2011	1018.07	-30.34	1048.41
			4/1/2011		-31.24	1049.31
			7/19/2011		-32.00	1050.07
			10/13/2011		-30.73	1048.80
	Zone 15	359.4 - 376.4	1/20/2011	1018.07	-30.92	1048.99
			4/1/2011		-31.93	1050.00
			7/19/2011		-32.81	1050.88
			10/13/2011		-31.40	1049.47

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well	Port	Spacer Interval (feet btc)	Date	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)
	Zone 16	379.4 - 408.0	1/20/2011	1018.07	-47.62	1065.69
			4/1/2011		-48.18	1066.25
			7/19/2011		-49.05	1067.12
			10/13/2011		-48.18	1066.25
RD-31	QA-01	182 - 30	1/20/2011	1945.02	129.69	1815.33
			4/1/2011		127.80	1817.22
			7/19/2011		125.01	1820.01
			10/13/2011		125.47	1819.55
	Zone 01	186 - 201	1/20/2011	1945.02	129.72	1815.30
			4/1/2011		127.90	1817.12
			7/19/2011		125.06	1819.96
			10/13/2011		125.57	1819.45
	Zone 02	204 - 219	1/20/2011	1945.02	129.77	1815.25
			4/1/2011		127.80	1817.22
			7/19/2011		125.07	1819.95
			10/13/2011		125.55	1819.47
	QA-02	222 - 229	1/20/2011	1945.02	129.66	1815.36
			4/1/2011		127.90	1817.12
			7/19/2011		125.07	1819.95
			10/13/2011		125.65	1819.37
	Zone 03	232 - 243	1/20/2011	1945.02	129.74	1815.28
			4/1/2011		127.90	1817.12
			7/19/2011		125.06	1819.96
			10/13/2011		125.66	1819.36
	QA-03	246 - 249	1/20/2011	1945.02	129.83	1815.19
			4/1/2011		128.00	1817.02
			7/19/2011		125.08	1819.94
			10/13/2011		125.71	1819.31
	Zone 04	252 - 265	1/20/2011	1945.02	129.79	1815.23
			4/1/2011		127.90	1817.12
			7/19/2011		125.08	1819.94
			10/13/2011		125.73	1819.29
	QA-04	268 - 272	1/20/2011	1945.02	129.76	1815.26
			4/1/2011		127.90	1817.12
			7/19/2011		124.84	1820.18
			10/13/2011		125.65	1819.37
	QA-05	275 - 279	1/20/2011	1945.02	129.63	1815.39
			4/1/2011		127.80	1817.22
			7/19/2011		125.04	1819.98
			10/13/2011		125.62	1819.40

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well	Port	Spacer Interval (feet btc)	Date	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)
	Zone 05	282 - 290	1/20/2011	1945.02	129.71	1815.31
			4/1/2011		128.00	1817.02
			7/19/2011		124.98	1820.04
			10/13/2011		125.72	1819.30
	QA-06	293 - 295	1/20/2011	1945.02	129.87	1815.15
			4/1/2011		128.10	1816.92
			7/19/2011		125.16	1819.86
			10/13/2011		125.92	1819.10
	QA-07	298 - 305	1/20/2011	1945.02	129.86	1815.16
			4/1/2011		128.10	1816.92
			7/19/2011		125.06	1819.96
			10/13/2011		125.83	1819.19
	QA-08	308 - 310	1/20/2011	1945.02	129.53	1815.49
			4/1/2011		127.80	1817.22
			7/19/2011		124.82	1820.20
			10/13/2011		125.68	1819.34
	QA-09	313 - 320	1/20/2011	1945.02	129.75	1815.27
			4/1/2011		128.00	1817.02
			7/19/2011		125.02	1820.00
			10/13/2011		125.76	1819.26
	Zone 06	323 - 336	1/20/2011	1945.02	129.81	1815.21
			4/1/2011		128.00	1817.02
			7/19/2011		124.92	1820.10
			10/13/2011		125.82	1819.20
	QA-10	339 - 351	1/20/2011	1945.02	129.92	1815.10
			4/1/2011		128.10	1816.92
			7/19/2011		125.19	1819.83
			10/13/2011		125.90	1819.12
	QA-11	354 - 358	1/20/2011	1945.02	175.94	1769.08
			4/1/2011		175.90	1769.12
			7/19/2011		174.47	1770.55
			10/13/2011		174.63	1770.39
	QA-12	361 - 370	1/20/2011	1945.02	175.95	1769.07
			4/1/2011		175.90	1769.12
			7/19/2011		175.86	1769.16
			10/13/2011		174.66	1770.36
	Zone 07	373 - 387	1/20/2011	1945.02	175.98	1769.04
			4/1/2011		175.90	1769.12
			7/19/2011		174.48	1770.54
			10/13/2011		174.67	1770.35

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well	Port	Spacer Interval (feet btc)	Date	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)
	QA-13	390 - 393	1/20/2011	1945.02	175.61	1769.41
			4/1/2011		175.00	1770.02
			7/19/2011		174.30	1770.72
			10/13/2011		174.66	1770.36
	Zone 08	396 - 405	1/20/2011	1945.02	176.05	1768.97
			4/1/2011		176.00	1769.02
			7/19/2011		174.60	1770.42
			10/13/2011		174.76	1770.26
	QA-14	408 - 419	1/20/2011	1945.02	175.87	1769.15
			4/1/2011		174.90	1770.12
			7/19/2011		174.30	1770.72
			10/13/2011		174.56	1770.46
	QA-15	422 - 429	1/20/2011	1945.02	176.10	1768.92
			4/1/2011		176.10	1768.92
			7/19/2011		174.62	1770.40
			10/13/2011		174.88	1770.14
	QA-16	432 - 441	1/20/2011	1945.02	176.07	1768.95
			4/1/2011		176.10	1768.92
			7/19/2011		174.57	1770.45
			10/13/2011		174.82	1770.20
	Zone 09	444 - 456	1/20/2011	1945.02	176.07	1768.95
			4/1/2011		176.30	1768.72
			7/19/2011		174.41	1770.61
			10/13/2011		174.89	1770.13
	QA-17	459 - 463	1/20/2011	1945.02	202.79	1742.23
			4/1/2011		199.70	1745.32
			7/19/2011		200.78	1744.24
			10/13/2011		201.22	1743.80
	Zone 10	466 - 476	1/20/2011	1945.02	211.82	1733.20
			4/1/2011		211.20	1733.82
			7/19/2011		210.60	1734.42
			10/13/2011		210.92	1734.10
	QA-18	479 - 482	1/20/2011	1945.02	212.18	1732.84
			4/1/2011		211.90	1733.12
			7/19/2011		210.95	1734.07
			10/13/2011		211.21	1733.81
	QA-19	486 - 491	1/20/2011	1945.02	212.23	1732.79
			4/1/2011		212.00	1733.02
			7/19/2011		211.01	1734.01
			10/13/2011		211.31	1733.71

TABLE 3
WATER LEVEL DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well	Port	Spacer Interval (feet btc)	Date	Reference Point Elevation (feet above MSL)	Depth to Water (feet BTOC)	Static Water Level Elevation (feet above MSL)
	QA-20	494 - 497	1/20/2011	1945.02	211.98	1733.04
			4/1/2011		211.70	1733.32
			7/19/2011		210.61	1734.41
			10/13/2011		211.12	1733.90
	Zone 11	500 - 507	1/20/2011	1945.02	211.91	1733.11
			4/1/2011		211.50	1733.52
			7/19/2011		210.82	1734.20
			10/13/2011		210.92	1734.10
	QA-21	510 - 516	1/20/2011	1945.02	212.34	1732.68
			4/1/2011		211.40	1733.62
			7/19/2011		206.08	1738.94
			10/13/2011		209.91	1735.11
	QA-22	519 - 521	1/20/2011	1945.02	214.41	1730.61
			4/1/2011		214.80	1730.22
			7/19/2011		212.89	1732.13
			10/13/2011		213.79	1731.23
	Zone 12	524 - 533	1/20/2011	1945.02	213.90	1731.12
			4/1/2011		214.80	1730.22
			7/19/2011		213.21	1731.81
			10/13/2011		214.16	1730.86

TABLE 4
WELL RETROFITS AND CHANGES IN MEASURING POINT ELEVATIONS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MONITORING POINT ELEVATION CHANGES					
Well ID	**Date Surveyed**	**Retrofit Date**	**Previous Monitoring Point Elevation (ft MSL)**	**Elevation Change from Low-Flow Conversion (ft)**	**New Monitoring Point Elevation (ft MSL)***
ES-01	1/22/2001	6/30/2011	1782.20	0.50	1782.70
ES-14	1/22/2001	6/15/2011	1728.69	-0.84	1727.85
ES-17	1/22/2001	3/8/2010	1739.31	-0.07	1739.24
ES-26	12/4/1991	2/4/2010	1748.01	0.03	1748.04
ES-27	1/22/2001	3/8/2010	1740.67	-0.33	1740.34
ES-29	1/22/2001	6/15/2011	1760.47	0.59	1761.06
HAR-03	12/3/1991	3/23/2010	1875.48	-0.13	1875.35
HAR-05	12/3/1991	3/18/2010	1812.65	0.07	1812.72
HAR-07	12/3/1991	3/17/2010	1728.38	0.23	1728.61
HAR-08	12/3/1991	3/17/2010	1730.75	0.03	1730.78
HAR-09	5/1/2001	5/21/2010	1820.62	0.80	1821.42
HAR-11	5/1/2001	2/4/2010	1827.90	-0.12	1827.78
HAR-12	12/3/1991	5/21/2010	1796.73	0.50	1797.23
HAR-13	12/3/1991	3/30/2010	1801.18	-0.09	1801.09
HAR-14	12/3/1991	3/22/2010	1797.02	-0.11	1796.91
HAR-15	12/3/1991	2/4/2010	1809.69	-0.12	1809.57
HAR-16	12/3/1991	4/26/2010	1872.31	0.30	1872.61
HAR-19	5/1/2001	3/29/2010	1833.42	0.33	1833.75
HAR-20	5/1/2001	3/17/2010	1830.47	0.18	1830.65
HAR-21	12/3/1991	2/4/2010	1821.30	0.12	1821.42
HAR-23	12/3/1991	3/18/2010	1805.87	0.26	1806.13
HAR-25	12/3/1991	3/16/2010	1889.75	0.25	1890.00
HAR-26	4/30/2001	4/26/2010	1763.23	0.23	1763.46
HAR-27	5/1/2001	3/22/2010	1719.39	-0.11	1719.28
HAR-28	12/3/1991	3/22/2010	1720.17	-0.11	1720.06
HAR-29	2/2/1996	3/22/2010	1724.13	-0.09	1724.04
HAR-30	12/3/1991	5/21/2010	1806.47	0.58	1807.05
HAR-31	12/3/1991	3/22/2010	1812.45	-0.13	1812.32
HAR-32	1/22/2001	3/23/2010	1736.58	-0.09	1736.49
HAR-33	12/4/1991	3/23/2010	1744.66	-0.10	1744.56
RD-01	12/3/1991	12/6/2010	1935.89	-0.01	1935.88
RD-02	1/14/2010	12/7/2010	1873.92	-0.03	1873.89
RD-03	12/3/1991	4/20/2010	1743.50	0.03	1743.53
RD-05A	2/17/1993	3/15/2010	1704.66	0.12	1704.78
RD-05B	6/2/1993	4/26/2010	1705.89	0.30	1706.19
RD-05C	8/3/1984	3/15/2010	1705.25	0.02	1705.27
RD-06	12/3/1991	4/22/2010	1617.21	0.01	1617.22
RD-08	4/30/2001	3/30/2010	1763.38	0.32	1763.70
RD-09	5/2/2001	6/28/2011	1768.20	0.06	1768.26
RD-10	12/3/1991	8/16/2011	1904.43	0.05	1904.48
RD-11	4/30/2001	2/4/2010	1762.65	0.19	1762.84
RD-13	12/3/1991	6/28/2011	1840.27	-0.26	1840.01
RD-14	12/3/1991	6/27/2011	1824.29	-0.11	1824.18
RD-18	12/3/1991	6/28/2011	1839.49	0.02	1839.51
RD-19	12/3/1991	6/27/2011	1853.13	0.03	1853.16
RD-20	12/3/1991	6/28/2011	1819.72	-0.20	1819.52
RD-32	2/9/1994	1/25/2011	1808.47	-0.50	1808.15
RD-33B	9/27/1991	6/29/2011	1793.21	0.51	1793.72
RD-33C	9/21/1991	6/29/2011	1793.54	0.07	1793.61
RD-34A	7/25/1991	6/29/2011	1761.83	0.08	1761.91
RD-34C	8/10/1991	6/29/2011	1762.60	0.19	1762.79

TABLE 4
WELL RETROFITS AND CHANGES IN MEASURING POINT ELEVATIONS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MONITORING POINT ELEVATION CHANGES (CONT'D)

Well ID	Date Surveyed	Retrofit Date	Previous Monitoring Point Elevation (ft MSL)	Elevation Change from Low-Flow Conversion (ft)	New Monitoring Point Elevation (ft MSL)*
RD-35A	8/1/1998	6/16/2011	1908.62	-0.70	1907.92
RD-35B	1/18/1999	6/30/2011	1905.65	-0.11	1905.54
RD-36B	8/1/1998	3/10/2010	1915.26	0.28	1915.54
RD-36C	12/14/2010	3/9/2010	1913.82	-0.02	1913.80
RD-36D	8/1/1998	3/9/2010	1920.08	0.15	1920.23
RD-37	1/28/1994	2/4/2010	1870.01	-0.40	1869.61
RD-38A	2/1/1999	3/9/2010	1879.47	0.15	1879.62
RD-38B	12/15/1998	4/29/2010	1881.45	-0.49	1880.96
RD-39A	2/2/1994	3/10/2010	1960.23	0.30	1960.53
RD-39B	8/1/1998	3/16/2010	1959.48	0.25	1959.73
RD-40	1/8/1993	6/27/2011	1972.02	0.20	1972.22
RD-41A	5/1/2001	3/18/2010	1774.48	0.13	1774.61
RD-41B	5/1/2001	11/29/2010	1774.71	0.23	1774.94
RD-42	1/9/1993	6/27/2011	1945.46	0.02	1945.48
RD-43A	9/9/1994	3/24/2010	1680.16	0.50	1680.66
RD-43B	10/25/1994	4/29/2010	1680.21	-0.10	1680.11
RD-43C	10/10/1994	3/9/2010	1679.31	0.80	1680.11
RD-44	3/13/1993	1/25/2011	2035.92	0.12	2036.04
RD-45B	9/11/1994	5/4/2010	1840.09	-0.08	1840.01
RD-45C	8/26/1994	5/3/2010	1835.74	0.59	1836.33
RD-46A	2/1/1999	3/16/2010	1806.13	0.12	1806.25
RD-46B	12/19/1998	3/16/2010	1807.19	-0.26	1806.93
RD-48A	3/15/1993	3/15/2010	1736.54	0.07	1736.61
RD-48B	5/26/1993	3/29/2010	1735.40	0.33	1735.73
RD-48C	5/16/1993	4/28/2010	1734.95	0.15	1735.10
RD-49B	5/1/2001	4/29/2010	1867.95	0.16	1868.11
RD-49C	12/14/2010	7/14/2010	1869.45	0.18	1869.63
RD-51A	7/11/1991	3/29/2010	1832.51	0.33	1832.84
RD-51B	7/11/1991	4/30/2010	1832.68	0.08	1832.76
RD-51C	7/9/1991	7/13/2010	1831.65	-0.09	1831.56
RD-52A	1/25/1993	3/16/2010	1755.09	0.08	1755.17
RD-52B	12/6/1993	2/10/2010	1712.15	0.00	1712.15
RD-52C	11/29/1993	3/17/2010	1712.83	0.32	1713.15
RD-53	12/3/1991	3/17/2010	1909.19	0.14	1909.33
RD-55A	5/1/2001	3/8/2010	1756.87	-1.09	1755.78
RD-55B	4/19/1993	3/8/2010	1757.19	-0.04	1757.15
RD-56A	3/8/1994	6/16/2011	1758.62	0.80	1759.42
RD-56B	7/24/1997	6/23/2011	1761.83	0.00	1761.83
RD-58A	2/1/1993	2/4/2010	1756.11	-0.09	1756.02
RD-58B	8/28/1994	3/11/2010	1761.34	0.13	1761.47
RD-58C	8/9/1994	3/11/2010	1759.59	-0.40	1759.19
RD-59A	5/19/1994	6/30/2011	1340.50	0.09	1340.59
RD-60	1/21/1993	6/15/2011	1870.40	-0.52	1869.88
RD-61	1/1/2004	1/19/2011	1845.87	-0.13	1845.74
RD-62	5/6/1994	1/21/2011	1837.20	0.07	1837.27
RD-63	5/10/1994	6/28/2011	1764.85	-0.02	1764.83
RD-66	7/28/1997	1/18/2011	1730.79	0.27	1731.06
RD-67	9/19/1997	1/19/2011	1901.71	-0.05	1901.66
RD-69	6/16/1997	1/20/2011	1831.28	-0.05	1831.23
RD-70	12/14/2010	12/10/2010	1732.26	0.18	1732.44
RD-71	7/27/1997	12/1/2010	1740.02	0.00	1740.02
RD-75	12/14/2010	12/7/2010	1613.30	-0.23	1613.07

TABLE 4
WELL RETROFITS AND CHANGES IN MEASURING POINT ELEVATIONS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

MONITORING POINT ELEVATION CHANGES (CONT'D)					
Well ID	**Date Surveyed**	**Retrofit Date**	**Previous Monitoring Point Elevation (ft MSL)**	**Elevation Change from Low-Flow Conversion (ft)**	**New Monitoring Point Elevation (ft MSL)***
RD-76	12/3/2003	1/19/2011	1772.27	0.11	1772.38
RD-77	1/16/2004	3/10/2010	1918.48	0.12	1918.60
RD-78	1/16/2004	12/1/2010	1819.84	-0.26	1819.58
RD-81	6/14/2004	6/17/2011	1705.77	0.29	1706.06
RD-82	6/9/2004	1/20/2011	1676.73	-0.02	1676.71
RD-83	6/16/2004	1/20/2011	1661.18	-0.28	1660.90
RD-85	8/24/2004	6/27/2011	1849.09	0.27	1849.36
RD-86	8/24/2004	6/27/2011	1830.51	-0.15	1832.16
RD-96	6/19/2006	6/29/2011	1805.14	0.35	1805.49
RS-08	2/2/1996	3/22/2010	1821.57	-0.11	1821.46
WS-04A	12/3/1991	7/14/2010	1749.77	1.17	1750.94
POSSIBLE ERRORS IN MONITORING POINT ELEVATIONS					
Well ID	**Date Surveyed**	**Retrofit Date**	**Previous Monitoring Point Elevation (ft MSL)**	**Elevation Change from Low-Flow Conversion (ft)**	
HAR-01	12/3/1991	3/26/2010	1874.13	Measured 0.07, however this is not accurate because pump pulled previously and DTW measured at top of casing	
HAR-04	12/3/1991	3/23/2010	1873.4	Measured 1.22, however this is not accurate because pump pulled previously (top of casing)	
RD-12	4/30/2001	3/18/2010	1762.62	Measured -0.33, however this is not accurate because pump pulled previously and DTW measured at top of casing	
RD-36A	8/1/1998	3/25/2010	1913.09	Measured 0.00, however this is not accurate because pump pulled previously and DTW measured at top of casing	
RD-45A	5/1/2001	8/13/2010	1841.59	Measured 0.02, however the change in MPE cannot be calculated because pump pulled previously and DTW measured at top of casing	
RD-49A	5/1/2001	3/18/2010	1867.25	Measured 0.25, however this is not accurate because pump pulled previously and DTW measured at top of casing	
WELLS AWAITING RETROFITTING					
Well ID	**Date Surveyed**	**Proposed Retrofit Date**	**Previous Monitoring Point Elevation (ft MSL)**	**Elevation Change from Low-Flow Conversion (ft)**	**New Monitoring Point Elevation (ft MSL)***
RD-34B	8/11/1991	pending	1762.51	not retrofitted yet	

NOTES AND ABBREVIATIONS

* - not surveyed
ft - foot
ft MSL - feet above mean sea level

TABLE 5
GROUNDWATER FIELD PARAMETER DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date	Temperature (° C)	Conductivity (umhos)	pH	Dissolved Oxygen (%)	Oxidation Reduction Potential (mV)	Turbidity (NTU)
ES-01	7/27/11	20.55	1005	6.76	0.36	10.1	4
ES-14	7/22/11	27.57	1200	7.45	1.21	-184	11
ES-17	1/27/11	19.73	663	7.26	4.56	141	1
	4/25/11	19.36	739	7.1	4.39	-140	4
	7/26/11	22.13	964	6.73	0.94	114	0
ES-26	1/18/11	20.15	1009	7.08	4.11	-43	19.7
	4/26/11	16.31	1227	7.08	1.02	-177	5
	7/26/11	20.82	1373	7.26	0.57	-179.4	3
ES-27	1/17/11	24.12	1211	6.89	2.05	184	10
	4/25/11	18.07	944	7.47	6.97	-105	5
	7/26/11	21.38	1015	6.89	5.08	194	0
ES-29	7/22/11	25.05	1001	7.45	3.16	100	10
ES-31	3/24/11	19.29	880	6.86	2.93	69	88.8
HAR-01	2/1/11	20.26	1015	6.5	4.85	103	178
	4/20/11	16.97	1029	6.28	5.94	130	0
	8/9/11	19.57	888	6.67	0.23	145	4
HAR-02	4/22/11	17.59	604	5.98	1.37	156	3.3
HAR-03	1/25/11	19.98	277	6.26	4.01	121	8
	4/20/11	15.93	220	5.82	2.79	147	0
	8/8/11	26.58	227	6.12	1.5	148.8	2
HAR-04	1/25/11	18.32	289	6.12	6.09	202	107
	4/20/11	18.84	259	5.91	6.11	138	0.2
	8/5/11	21.74	257	6.15	1.97	150	2
HAR-05	1/24/11	19.8	574	7.1	0.83	-17	34.9
	4/13/11	18.61	570	7.24	0.8	-12	2
	7/25/11	26.81	575	6.48	1.87	244	31
HAR-07	1/27/11	18.52	610	6.67	1.12	123	277
	4/12/11	18.69	592	6.61	0.54	71	2
	8/2/11	20.09	718	6.22	1	177.2	3
HAR-08	1/17/11	23.67	1071	6.81	0.94	35	0
	4/19/11	14.97	927	6.97	3.77	114	4.4
	8/2/11	22.1	876	6.87	0.21	10	7
HAR-09	1/26/11	19.68	1630	6.54	0.99	-131	1
	4/14/11	14.7	1540	6.71	1.52	-164	7.7
	8/4/11	24.32	1630	7.07	0.76	-320	6.1
HAR-11	1/20/11	15.78	2170	6.41	0.89	-84	0
	4/14/11	13.34	1770	1.94	6.51	41	0
	7/27/11	20.38	2070	6.67	0.57	53.8	1

TABLE 5
GROUNDWATER FIELD PARAMETER DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date	Temperature (° C)	Conductivity (umhos)	pH	Dissolved Oxygen (%)	Oxidation Reduction Potential (mV)	Turbidity (NTU)
HAR-12	1/18/11	19.76	704	6.67	1.76	114	0
	4/15/11	19.57	735	6.68	2.22	-144	74.5
	7/29/11	18.57	715	6.57	2.03	157	0
HAR-13	1/18/11	17.48	297	6.59	3.92	185	88.7
	4/19/11	16.02	191	5.68	5.62	164	86.8
	7/29/11	22.79	302	6.36	3.09	96	36.9
HAR-14	1/18/11	18.36	658	6.94	3.55	174	0
	4/15/11	15.99	884	7.7	2.08	-43	7.5
	7/29/11	19.54	605	6.84	0.63	128	0
HAR-15	1/21/11	9.75	1079	6.61	1.27	-223	7.2
	2/4/11	16.68	1070	6.16	0.85	-33	0
	4/14/11	14.51	1450	6.38	1.02	-94	1
	7/20/11	26.79	720	6.08	0.72	-18.7	456
HAR-16	1/25/11	18.28	434	6.2	4.13	187	0
	4/20/11	19.4	384	5.95	4.42	146	0
	8/5/11	21.35	400	6.21	3.78	167.3	2
HAR-17	1/18/11	18.55	1335	6.87	0.94	-90	314
	1/20/11	19.41	1390	7.32	4.15	-223	124
HAR-19	1/20/11	18.82	1448	6.68	1.16	108	0
	4/15/11	17.98	1413	6.73	2.17	183	1
	7/12/11	19.15	1387	6.99	0.9	111	4
HAR-20	1/20/11	18.87	1700	7.12	3.61	26	0
	4/14/11	18.57	1540	7.28	6.46	48	0
	7/27/11	20.06	1576	7.35	3.77	90.4	2
HAR-21	1/26/11	16.62	1570	6.84	0.36	-176	1
	4/13/11	15.41	1570	7.07	0.62	-200	9.8
	7/29/11	20.02	1500	7.24	0.15	-129.5	4
HAR-23	1/20/11	18.66	948	6.86	0.21	-244	11.2
	4/19/11	18.82	959	6.45	0.74	91	1.4
	7/25/11	29.79	933	7.42	1.27	149	14
HAR-25	1/17/11	22.85	518	6.62	4.79	112	14.6
	4/22/11	16.25	518	6.55	3.86	-104	6
	8/10/11	18.66	512	6.54	3.69	182	1
HAR-26	1/20/11	15.98	903	7.6	2.98	125	46.9
	4/7/11	17.71	881	7.69	0.72	80	1
	7/20/11	25.68	877	7.96	2.33	84	52
HAR-27	1/19/11	16.3	1370	6.55	1.98	-113	59.6
	4/12/11	18.47	1379	6.77	0.49	-130	2
	8/2/11	22.94	1383	6.97	0.48	-176	3.9

TABLE 5
GROUNDWATER FIELD PARAMETER DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date	Temperature (° C)	Conductivity (umhos)	pH	Dissolved Oxygen (%)	Oxidation Reduction Potential (mV)	Turbidity (NTU)
HAR-28	1/19/11	19.14	1210	6.55	2.63	52	100
	4/12/11	16.31	1161	6.75	2.72	215	2
	8/2/11	22.69	1205	6.76	1.15	174	0
HAR-29	1/17/11	23.98	1143	6.98	1.28	145	0
	4/19/11	15.57	1211	6.77	3.09	147	1.2
	8/2/11	24.22	921	6.77	1.65	161	3
HAR-30	1/28/11	18.91	1101	6.7	0.74	-303	6.9
	2/10/11	15.47	1047	6.51	1.65	-78	106
	4/28/11	18.02	965	6.49	0.42	-203	4
	7/21/11	19.2	1396	6.6	0.42	-38	2
HAR-31	1/19/11	16.51	945	6.79	2.01	217	0
	4/14/11	19.08	554	6.9	5.47	26	2
	7/20/11	20.77	615000	6.63	3.22	-18.5	3
HAR-32	1/17/11	22.88	992	7.02	2.68	123	5.1
	4/27/11	19.8	638	7.39	5.16	-119	4
	8/8/11	27.18	659	7.21	2.04	92	5
HAR-33	1/17/11	19.84	1239	7.06	5.46	191	11.2
	4/25/11	18.55	1414	7.03	7.35	170	0.1
	7/25/11	22.44	1583	7.29	6.1	14.1	2
PZ-005	3/23/11	18.54	1072	7.11	6.36	166	2000
PZ-035	4/26/11	15.6	1680	6.66	1.59	101	4.5
	7/21/11	22.33	1550	7.03	1.3	-78	86
PZ-041	1/13/11	21.1	952	6.976	1.33	32	31.9
	3/25/11	15.57	1098	7.12	0.74	-176	16.5
PZ-052	3/31/11	20.81	1026	7.1	4.72	92	36
PZ-056	3/28/11	16.13	401	6.37	0.32	-228	17.9
PZ-060	4/27/11	18.65	1600	6.39	1.14	-100	12.1
	7/21/11	22.42	1730	6.77	3.2	-62	41
PZ-074	2/2/11	12.79	673	6.38	1.12	140	3
	7/11/11	27.93	470	6.19	0.81	100.1	90
PZ-076	1/18/11	21.46	1363	7.06	0.81	-307	32.1
	8/8/11	33.33	1338	6.88	1.2	-43	173
PZ-077	1/20/11	17.16	2150	7.18	2.73	-245	50
	8/8/11	20.04	3219	6.65	1.3	193	11
PZ-098	3/29/11	18.97	1129	6.68	3.01	-172	6.7
PZ-100	3/18/11	15.69	1425	7.38	6.08	170	27
PZ-101	3/28/11	17.2	780	7.49	5.74	187	304
PZ-102	3/30/11	19.51	261	6.44	6.45	134	294
PZ-103	3/25/11	19.8	1097	7.34	5.65	132	532
PZ-105	3/23/11	18	937	7.66	3.87	166	331
PZ-106	3/18/11	16.9	919	6.89	4.17	104	12

TABLE 5
GROUNDWATER FIELD PARAMETER DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date	Temperature (° C)	Conductivity (umhos)	pH	Dissolved Oxygen (%)	Oxidation Reduction Potential (mV)	Turbidity (NTU)
PZ-108	3/17/11	19.17	1022	6.88	3.67	80	0
	7/18/11	25.78	1030	7.07	0.45	77	7
PZ-109	3/24/11	16.29	1085	7.52	2.2	-34	320
PZ-111	3/31/11	19.33	1830	7	3.51	66	235
PZ-112	3/18/11	17.62	943	6.25	2.22	-188	15.8
PZ-113	3/29/11	23.92	605	6.98	1.34	28	720
PZ-114	3/28/11	18.47	1135	7.25	6.71	154	190
PZ-116	3/29/11	18.31	2240	6.43	5.4	169	17
PZ-120	3/17/11	14.61	804	6.98	2.4	223	7
PZ-121	3/16/11	20.36	872	6.18	4.85	216	20
PZ-122	3/25/11	16.94	1020	6.87	3.3	225	11
PZ-124	3/30/11	16.77	2810	6.83	2.7	148	12
	7/14/11	17.83	2580	6.73	1	-73	10
PZ-129	1/26/11	17.61	1220	7.04	3.25	-246	8.6
PZ-139	2/3/11	14.14	1002	6.85	1.11	81	1
	4/26/11	22.41	1035	6.44	3.47	5	5999
	7/12/11	20.74	891	7.23	3.12	-49	1
PZ-140	1/24/11	20.66	1117	6.7	3.19	-209	259
	1/25/11	18.96	1121	6.62	0.89	-312	9.8
	4/21/11	16.92	1142	6.54	1.4	-124	9
	8/9/11	21.91	1413	6.41	2.57	-67	118
PZ-141	2/3/11	13.55	1530	6.67	3.84	57	1718
	2/4/11	16.4	1520	6.73	2.45	11	699
	4/12/11	17.02	1530	7.01	0.54	153	51.1
	8/1/11	22.91	1500	6.84	0.94	150	14.1
PZ-144	2/1/11	13.78	557	7.29	4.89	-199	38.2
	4/13/11	15.58	484	7.29	6.33	199	117
	8/1/11	23.91	431	7.52	5.78	153.8	4
PZ-146	4/29/11	16.61	2520	6.63	2.85	-173	125
	8/3/11	22.22	2110	6.71	0.1	-121	8
PZ-147	4/28/11	17.62	544	6.31	5.19	151	50.4
	8/9/11	17.85	696	6.43	1.74	161.3	5
PZ-148	4/28/11	15.75	1292	6.56	3.97	151	538
PZ-149	1/27/11	26	1381	6.97	3.99	-243	874
	4/11/11	16.5	1314	6.69	2.09	213	197
	7/28/11	21.18	1180	7.03	1.17	85	437
PZ-150	3/22/11	16.1	1216	7.4	5.79	-153	5
PZ-151	3/28/11	22.09	1560	6.94	2.36	144	138
PZ-152	4/29/11	20.83	1084	6.64	0.87	-170	8

TABLE 5
GROUNDWATER FIELD PARAMETER DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date	Temperature (° C)	Conductivity (umhos)	pH	Dissolved Oxygen (%)	Oxidation Reduction Potential (mV)	Turbidity (NTU)
PZ-154	1/28/11	19.97	1443	7.46	6.41	84	110
	4/21/11	16.64	1372	6.56	0.98	133	135
	7/27/11	20.45	1210	7.33	1.65	104	229
PZ-155	4/12/11	19.79	1560	6.64	3.11	-123	127
	7/29/11	18.4	1410	6.93	0.35	-17	40
PZ-157	7/22/11	18.5	1412	6.96	4.77	85	10
PZ-158	1/31/11	16.36	1680	6.82	3.88	227	152
	4/29/11	16.41	1471	7.02	2.6	190.6	2
	7/22/11	19.35	1495	6.94	1.08	266.6	38
PZ-159	1/19/11	18.66	483	6.7	2.89	188	140
	4/13/11	16.67	479	6.79	2.67	49	59
	7/22/11	19.31	725	7.05	1.68	158	216
PZ-160	3/23/11	17.36	1630	6.8	2.74	-154	7.6
PZ-161	3/24/11	16.12	2450	6.9	2.4	-149	4.8
RD-01	4/21/11	18.73	533	6.49	4.48	77	2.4
	7/15/11	19.09	688	7.39	2.85	159	0
RD-02	1/27/11	19.21	1229	6.81	0.01	-312	6
	4/25/11	19.63	1165	6.78	1.06	-63	1.4
	7/15/11	18.52	979	7.18	0.63	-81	5
RD-03	2/1/11	18.9	938	7.33	0.19	-146	1
	4/25/11	16.57	987	6.89	1.15	-147	52.8
	8/5/11	19.85	947	7.04	0.26	-169	38
RD-05A	1/12/11	18.77	1118	6.77	1.5	-33	11
	4/22/11	21.29	1035	6.98	2.33	-80	17.5
	7/19/11	19.35	1100	7.01	0.5	-24	7
RD-05B	1/12/11	16.67	743	8.96	0.6	-173	21.9
	4/18/11	16.77	737	8.69	0.66	-203	13.1
	7/19/11	20.12	693	8.57	0.86	-255.4	2
RD-05C	1/13/11	18.31	1104	7.33	0.33	-165	25
	4/18/11	18.03	1107	7.11	0.57	-165	34.9
	7/19/11	21.06	1132	7.61	0.69	-180	37
RD-06	1/13/11	18.24	1300	7.06	0.55	-315	161
	4/18/11	17.82	1185	6.62	0.14	-126	42.5
	7/19/11	18.18	1315	7.09	0.27	-183	23
RD-08	1/19/11	20.08	980	7.84	0.6	-50	110
	4/11/11	18.89	851	7.58	0.55	117	7
	7/12/11	23.61	751	7.69	0.5	50	2
RD-09	7/13/11	22.75	916	6.89	2.31	-107	264

TABLE 5
GROUNDWATER FIELD PARAMETER DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date	Temperature (° C)	Conductivity (umhos)	pH	Dissolved Oxygen (%)	Oxidation Reduction Potential (mV)	Turbidity (NTU)
RD-11	1/24/11	17.6	1087	7.71	0.93	-51	33.3
	4/11/11	15.21	1090	8.25	1.84	-177	9.8
	7/19/11	23.84	1070	7.69	1.45	-212	96
RD-12	1/24/11	17.73	1107	7.15	0.71	-155	54.8
	4/11/11	16.85	1087	7.7	1.02	-197	55
	7/19/11	22.28	1075	7.65	1.08	-100	164
RD-13	1/12/11	16.64	738	7.35	0.59	175	--
	1/13/11	16.13	719	7.16	2.48	216	35
	3/29/11	19.34	723	7.12	0.57	-224	3.4
	7/13/11	18.45	666	7.03	3.63	207	203
RD-14	1/13/11	20.47	870	6.71	0.28	-95	21.1
	3/21/11	20.37	907	7.05	0.06	-257	10.8
	7/14/11	19.5	857	7.06	1.86	-132	221
RD-15	3/29/11	21	820	7.14	0.24	-122	109
RD-17	3/25/11	18.4	813	6.8	3.73	205	20
RD-18	1/12/11	19.34	589	7.46	1.27	67	0
	1/13/11	18.92	570	7.28	1.43	141	0
	3/22/11	18.5	573	7.35	5.3	-116	3.8
	7/18/11	21.71	563	7.59	2.52	181	251
RD-19	1/12/11	19.64	1670	6.73	0.77	93	0
	1/13/11	19.97	1530	6.54	1.16	185	1
	3/16/11	19.86	1550	6.54	0.58	-203	7.8
	7/18/11	21.04	1452	6.83	4.17	138	226
RD-20	3/22/11	17.99	1427	6.66	6.2	220	0
	7/13/11	21.05	1710	7.02	3.35	163	182
RD-24	3/24/11	16.23	637	7.02	0.77	130	8
RD-29	3/24/11	21.36	875	7.34	5.68	54	98.1
RD-32	2/1/11	18.3	801	7.03	0.8	-147	247
	7/28/11	20.37	925	6.81	0.5	-145	0
RD-33B	1/12/11	19.64	585	7.7	0.25	-271	4
	1/13/11	19.09	769	7.31	0.58	-147	27.9
	3/22/11	17.03	753	6.9	6.16	-99	0
	7/12/11	19.29	819	7.2	2.98	-127	228
RD-33C	1/25/11	20.66	675	7.33	0.17	-168	41
	3/22/11	16.66	690	6.84	3.27	-161	17
	7/12/11	20.76	529	7.64	2.65	-147	287
RD-34A	1/24/11	18.25	1222	6.74	2.47	-32	2
	1/26/11	18.85	1263	7.09	4.11	45	225
	3/23/11	15.47	1128	6.45	1.94	155	2
	7/12/11	18.11	1388	6.67	1.09	217.7	2

TABLE 5
GROUNDWATER FIELD PARAMETER DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date	Temperature (° C)	Conductivity (umhos)	pH	Dissolved Oxygen (%)	Oxidation Reduction Potential (mV)	Turbidity (NTU)
RD-34B	1/24/11	19.39	800	7.33	4.06	-105	75
	1/25/11	19.13	773	7.13	0.96	25	7
	3/18/11	14.95	892	6.9	1.55	-37	0
RD-34C	1/24/11	20.07	553	7.35	0.13	-171	33
	3/22/11	19.84	554	7.21	0.08	-130	0
	7/12/11	18.23	547	7.87	0.16	-167.2	16
RD-35A	8/5/11	21.56	1376	1.96	6.58	27	0
RD-35B	8/5/11	21.41	324	9.01	0.63	-221	0
RD-36A	4/7/11	16.87	173	6.03	6.43	-53	16
RD-36B	1/17/11	18.9	387	6.27	2.48	-251	0.3
	4/7/11	17.1	370	6.34	3.26	-64	5
	8/4/11	20.3	292	6.18	2.7	135	4
RD-36C	1/17/11	17.18	746	7.1	0.42	-237	9.2
	4/7/11	15.36	996	6.62	1.05	-186	53
	8/4/11	23.4	1200	7.03	0.12	-131	5
RD-36D	1/17/11	22.58	440	8.13	1.04	-298	59
	4/7/11	16.83	419	8.35	1.42	-259	7
	8/4/11	20.89	346	8.6	3.28	15	7
RD-37	1/19/11	18.63	1351	7.41	0.29	-263	1.7
	4/8/11	18.57	1400	7.3	0.32	-261	3
	8/3/11	19.36	1361	7.43	0.12	-231.6	2
RD-38B	2/2/11	20.69	781	7.48	0.08	-155	0
	4/22/11	20.42	796	7.18	0.35	-144	6.9
	7/28/11	20.81	814	7.03	0.08	-130	0
RD-39A	1/19/11	17.4	437	6.99	1.48	-167	7.9
RD-39B	1/19/11	17.88	433	8.17	0.21	-267	3.5
	4/8/11	17.01	422	8.15	0.67	-225	6
	8/3/11	20.18	398	8.26	0.27	-196	3
RD-40	6/30/11	24.8	944	6.31	3.37	173	178
RD-41A	1/31/11	12.81	1213	6.94	1.57	-70	7
	4/11/11	18.95	1234	6.42	1.18	158	13
RD-41B	1/31/11	15.27	1089	7.35	0.85	-182	14
	8/2/11	27.04	1005	7.01	0.64	-146.8	7
RD-42	6/30/11	20.23	726	6.45	4.42	194	202
RD-43A	2/2/11	15.3	874	6.27	2.8	162	130
	4/22/11	20.84	608	6.78	2.27	11	47
	8/5/11	20.37	686	6.8	0.13	80	7
RD-43B	2/1/11	20.82	845	7.45	0.13	-168	0
	4/22/11	20.43	856	7.25	0.52	-166	4.3
	8/4/11	20.78	859	6.97	0.05	-108.1	2

TABLE 5
GROUNDWATER FIELD PARAMETER DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date	Temperature (° C)	Conductivity (umhos)	pH	Dissolved Oxygen (%)	Oxidation Reduction Potential (mV)	Turbidity (NTU)
RD-43C	2/2/11	15.74	1320	6.87	1.34	-117	168
	4/22/11	19.34	703	7.69	1.46	-115	34.2
	8/4/11	24.18	917	6.99	0.7	-110.8	2
RD-44	2/7/11	19.09	1418	6.86	1.84	-152	15.2
	8/8/11	20.25	1230	6.68	0.98	7	4
RD-45A	1/21/11	20.11	1439	6.88	0.37	-301	1.5
	2/7/11	19.74	1445	7.11	2.32	-198	8
	4/25/11	20.14	1492	6.64	1.52	12	0.5
	8/10/11	19.82	1520	6.56	1.62	-94	0
RD-45B	1/31/11	21.96	993	7.58	0.1	-122	11
	4/22/11	21.82	1001	7.02	0.13	-202	2
	8/10/11	21.43	818	7.15	0.34	-102	7
RD-45C	1/31/11	21.9	556	7.9	0.11	-159	5
	4/22/11	22.56	577	7.37	0.09	-222	2
	8/10/11	21.83	476	6.55	0.76	-102	8
RD-46A	1/25/11	18.86	1078	6.87	0.54	13	4
	4/21/11	19.45	1052	7	3.06	48	8.7
	8/8/11	27.46	1104	6.71	1.9	-28	2.6
RD-46B	1/25/11	19.4	469	8.49	0.57	-162	5
	4/21/11	18.34	463	8.55	0.96	-144	37.4
	8/8/11	24.17	419	8.86	1.25	-183	102
RD-48A	1/18/11	19.61	512	6.55	0.27	-317	65.8
	4/6/11	19.75	218	6.5	0.45	-231	410
	8/1/11	25.6	327	6.52	0.32	-52	67
RD-48B	1/18/11	20.7	1205	7.55	0.62	-260	4.6
	4/6/11	20.14	1276	7.46	0.75	-213	8
	8/1/11	25.98	1160	7.51	1.78	-180	21
RD-48C	2/1/11	20.87	1138	7.47	0.23	-176	10
	4/22/11	20.74	1166	7.07	0.24	-148	6.2
	8/1/11	21.59	924	6.84	0.2	-118	0
RD-49A	4/15/11	19.95	1920	6.73	1.84	-66	5.6
	7/13/11	24.19	1960	6.77	2.05	-109	240
RD-49B	1/21/11	20.02	1162	6.55	0.19	-144	15.5
	2/4/11	20.3	1090	6.63	0.57	-23	6
	4/15/11	20.33	1146	6.78	0.44	-108	3.6
	7/14/11	19.74	1150	6.89	0.71	-188	230
RD-49C	1/21/11	19.85	792	7.02	0.13	-278	32.4
	2/4/11	21.18	775	7.12	0.15	-207	5
	4/15/11	20.13	841	7	0.33	-190	0
	8/5/11	20.68	866	7.22	0	-223	11.7
RD-50	7/21/11	22.13	732	7.25	14.92	81	9.56

TABLE 5
GROUNDWATER FIELD PARAMETER DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date	Temperature (° C)	Conductivity (umhos)	pH	Dissolved Oxygen (%)	Oxidation Reduction Potential (mV)	Turbidity (NTU)
RD-51A	1/18/11	19.78	1510	6.99	0.73	-275	1.4
	4/8/11	19	1520	6.94	0.71	-131	9
	8/3/11	24.99	1560	6.78	1.16	97	0
RD-51B	1/26/11	20.52	999	6.88	0.18	-118	74.6
	4/13/11	20.7	1003	7.13	0.63	-138	2
	8/3/11	20.35	1015	7.16	0.04	-242	0
RD-51C	1/26/11	20.89	1027	7.12	0.65	-127	29.5
	4/13/11	20.7	1034	7.21	0.18	-106	1
	8/3/11	20.87	1051	7.26	0.06	-210	0
RD-52A	1/21/11	21.87	1142	6.41	0.51	-52	3.8
	2/2/11	17.8	1168	6.85	1.66	-264	3.4
	4/25/11	24.43	1490	6.62	1.89	40	0.2
	7/18/11	23.4	1109	6.69	0.49	-280.4	2
RD-52B	1/31/11	17.36	1382	7.12	0.05	-356	55.6
	4/20/11	17.71	1445	7.22	1.17	-185	106
	7/15/11	17.33	1160	7.21	0.88	-177	12
RD-52C	1/31/11	14.49	1006	7.39	0.61	-221	15.2
	4/20/11	16.83	962	7.44	1.23	-197	7.5
	7/13/11	20.09	1063	7.12	0.42	-153.4	15
RD-53	4/25/11	18.37	802	6.58	5.18	212	1.1
	7/18/11	20.14	861	6.7	3.19	-144.9	2
RD-54A	7/21/11	20.42	608	7.88	13.96	62	25.6
RD-54B	3/24/11	16.88	857	7.21	1.46	-169	20
RD-54C	3/24/11	14.12	676	8.76	1.03	-132	44
RD-55A	1/14/11	20.27	940	7.27	1.83	33	12.5
	4/26/11	16.93	944	6.87	3.04	8	14.8
	7/26/11	20.39	972	7.04	0.94	-14	2
RD-55B	1/14/11	17.33	383	7.26	1.5	-99	12
	4/26/11	15.27	380	7.36	2.84	-132	50.7
	7/29/11	19.78	390	7.75	0.45	-80.4	2
RD-56A	7/13/11	17.57	979	7.15	5.49	150.6	5
RD-56B	7/13/11	19.09	615	7.51	0.17	-214.6	--
RD-57	7/21/11	21.03	570	7.6	16.66	42	1.86
RD-58A	1/14/11	18.91	1352	6.89	1.25	169	0
	2/4/11	15.66	1325	6.56	1.48	121	0
	4/6/11	15.63	1330	6.83	1.56	-210	4.9
	7/25/11	20.59	1417	6.65	0.88	59	0

TABLE 5
GROUNDWATER FIELD PARAMETER DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date	Temperature (° C)	Conductivity (umhos)	pH	Dissolved Oxygen (%)	Oxidation Reduction Potential (mV)	Turbidity (NTU)
RD-58B	1/14/11	18.12	910	7.24	0.41	-150	3
	4/6/11	188.43	888	7.23	0.54	-223	15
	7/25/11	21.58	939	7.04	0.55	-148	0.3
RD-58C	1/14/11	18.6	694	7.64	0.38	-197	7
	4/6/11	18.71	678	7.6	0.48	-266	22
	7/25/11	19.24	658	7.58	0.49	-217	1.8
RD-59A	1/12/11	18.41	1048	7.12	0.75	-121	2
	7/11/11	20.37	1006	7.03	1.79	96	211
RD-59B	1/12/11	18.41	771	7.51	1.39	-164	2.1
	7/11/11	18.64	796	7.41	2.78	-55	168
RD-59C	1/12/11	20.02	791	7.61	0.54	-36	1.1
	7/11/11	19.1	816	7.8	2.89	44	206
RD-60	7/18/11	22.57	2250	6.99	1.26	-88	32
RD-61	2/1/11	16.15	880	6.63	4.06	-74	2000
	7/28/11	21.79	659	6.59	1.38	-26.4	441
RD-62	1/31/11	17.85	509	7.2	2.4	-182	13.4
	7/28/11	22.39	517	7.15	1.85	17.6	2
RD-63	3/23/11	17.92	1121	6.7	2.98	121	8
	7/18/11	19.71	1087	6.83	0.48	79	10
RD-66	2/2/11	15.39	972	7.12	2.92	68	0
	8/4/11	19.44	989	6.64	2.64	56	3.9
RD-67	1/13/11	20.27	1045	6.96	0.01	-284	1.5
	7/19/11	21.33	1203	7.07	0.34	-128	14
RD-68A	1/12/11	14.89	570	8.5	0.62	-295	0.8
	4/18/11	17.2	627	8.21	2.87	-207	14.4
	7/11/11	21.75	535	9.14	1.25	-43.6	18
RD-68B	1/12/11	19.26	836	7.34	0.64	-249	0.2
	4/18/11	19.41	817	7.36	3.34	-135	11.3
	7/11/11	19.55	846	6.68	1.72	66.9	18
RD-69	2/1/11	19.11	1003	7.03	1.85	-147	252
	7/26/11	20.66	1076	6.81	0.29	-138	8.8
RD-70	7/28/11	19.27	1036	7	0.14	-116	0
RD-71	2/4/11	17.48	817	7.09	1.54	-250	6.4
	8/5/11	19.92	660	7.06	0.21	-98	5
RD-73	1/13/11	20.81	1146	6.42	0.11	78	36
	7/28/11	20.69	1016	6.73	1.3	30.3	3
RD-75	2/3/11	21.46	1530	6.97	0.04	-298	10.5
	7/14/11	20.17	1455	6.9	0.6	-127	227
RD-76	1/31/11	18.88	1444	6.68	1.28	-88	425
	7/12/11	21.89	1481	6.68	1.72	-51	233

TABLE 5
GROUNDWATER FIELD PARAMETER DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date	Temperature (° C)	Conductivity (umhos)	pH	Dissolved Oxygen (%)	Oxidation Reduction Potential (mV)	Turbidity (NTU)
RD-77	2/2/11	17.59	690	6.73	0.99	-256	5.5
	4/22/11	19.45	705	6.72	2.2	39	0
	7/27/11	19.74	658	6.69	1.27	-49.5	3
RD-78	2/4/11	18.85	1470	6.79	1.54	-235	12.5
	8/5/11	19.07	1300	6.8	0.11	-8	4
RD-81	7/12/11	18.29	1136	7.08	0.57	116	0
RD-82	1/26/11	16.99	1040	6.9	0.87	-56	120
RD-83	1/26/11	17.95	1013	6.99	1.28	-22	273
	7/11/11	20.05	1014	7.05	0.6	96.3	4
RD-85	1/13/11	20.74	1405	6.7	3.01	115	0
	1/14/11	18.02	1377	6.6	4.11	-162	3
	7/14/11	19.65	1510	6.89	4.03	222	0
RD-86	1/13/11	18.66	857	6.29	3.78	66	2
	1/14/11	17.55	848	6.53	3.99	-133	11.6
	3/29/11	18.74	900	6.35	7.27	-95	4.4
	7/13/11	17.98	976	6.07	1.17	210	25
RD-87	3/18/11	15.75	1198	6.68	2.46	34	0
RD-88	3/29/11	15.56	730	6.42	1.73	159	17
RD-90	3/29/11	16.88	1260	6.47	3.14	226	6
RD-91	3/29/11	21.19	1164	6.48	1.38	152	6
RD-92	3/22/11	19.46	507	7.1	2.73	-171	3.5
RD-93	3/17/11	21.37	1650	6.67	2.17	198	375
RD-94	3/28/11	17.11	1432	6.43	1.42	-6	34
RD-95	3/17/11	19.75	1403	6.5	2.46	238	198
RD-96	1/12/11	18.8	935	6.74	0.98	43	33.4
	3/25/11	14.75	1134	6.93	1.54	-116	21.2
	7/13/11	21.98	1018	6.62	3.63	158	0
RD-97	3/30/11	23.46	1118	6.98	3.09	-269	85.9
RD-98	1/13/11	18.41	865	6.86	4.48	134	1
	4/12/11	18.93	630	6.85	5.09	-67	8.3
	7/12/11	19.5	765	7.39	4.3	70.3	12
RD-104	4/29/11	16.77	1004	6.62	1.42	-97	90.8
	7/27/11	19.4	1249	6.39	0.93	-100	72.1
RS-07	2/1/11	11.03	609	7.26	3.13	86	0
	4/21/11	13.61	2020	6.84	2.25	-45	4.1
RS-08	1/26/11	15.62	1166	6.75	2.4	195	0
	4/13/11	15.96	2290	7.06	3	-143	5.3
	7/29/11	20.9	2728	6.61	0.5	37.8	5
RS-11	3/31/11	20.21	2220	6.81	4.57	224	3
RS-13	4/28/11	14.78	757	6.58	6.21	83	69.7

TABLE 5
GROUNDWATER FIELD PARAMETER DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date	Temperature (° C)	Conductivity (umhos)	pH	Dissolved Oxygen (%)	Oxidation Reduction Potential (mV)	Turbidity (NTU)
RS-15	1/13/11	17.79	1109	7.16	3.03	-99	126
	1/17/11	20.45	1066	3.16	7	83	46.5
RS-16	3/30/11	20.06	899	6.76	2.83	-188	15.8
RS-17	1/13/11	17.64	1024	7.26	5.97	-91	1876
RS-18	3/18/11	13.79	831	7.05	5.23	193	60
	7/14/11	18.95	976	7.12	4.63	44	51
RS-20	8/9/11	20.62	171	6.83	0.71	43	5
RS-23	3/21/11	11.6	656	7.07	4.8	-60	141
RS-25	3/24/11	15.9	904	6.73	2.35	-121	55
RS-27	3/30/11	21.36	764	6.97	5.65	117	516
RS-29	1/26/11	20.98	750	6.45	2.34	-70	5877
	4/13/11	21.62	1321	6.78	5.45	-57	5999
RS-30	2/2/11	18.75	1162	6.42	3.14	-86	773
	2/3/11	19.24	1147	6.71	0.91	-320	46
RS-31	2/2/11	18.79	1143	6.03	3.28	130	700
	2/3/11	19.98	1149	6.27	2.65	-212	15.7
RS-32	2/2/11	16.91	1356	6.79	3.66	76	1122
	2/3/11	19.71	713	6.68	0.97	-266	9.4
	7/18/11	19.92	1058	7	3.01	-149.9	95
RS-33	1/14/11	18.51	1289	7.09	0.45	-283	0.9
	4/7/11	14.96	1256	6.97	3.87	206	0
	7/26/11	25.35	1235	7.08	1.02	87	5
RS-34	1/28/11	18.59	1580	7.01	1.65	-293	11
	4/27/11	19.72	1305	6.85	2.65	74	37.3
	7/21/11	20.21	1332	6.82	0.67	-130.1	2
RS-54	3/28/11	19.79	1187	7.05	0.71	120	103
SH-02	1/21/11	15.55	967	6.39	5.77	198	89.7
	2/3/11	16.86	984	7.12	4.29	65	1
	4/8/11	15.97	1154	7.45	1.85	176	2
	7/20/11	21.76	1292	6.41	0.35	-120.6	2
SH-03	1/21/11	15.22	898	6.67	6.38	162	88.8
	2/2/11	14.9	870	6.75	5.77	82	115
	2/3/11	16.48	878	7.2	4.96	65	0
	4/8/11	15.44	805	7.32	3.54	202	2
SH-04	1/21/11	17.67	923	6.45	3.57	144	64.3
	2/3/11	18.3	884	6.97	2.55	62	1
	4/7/11	17.28	943	6.98	3.2	174	1
	7/20/11	22.41	932	6.37	0.46	-23.8	2

TABLE 5
GROUNDWATER FIELD PARAMETER DATA, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Date	Temperature (° C)	Conductivity (umhos)	pH	Dissolved Oxygen (%)	Oxidation Reduction Potential (mV)	Turbidity (NTU)
SH-07	1/27/11	17.03	576	6.64	5.98	133	10.3
	4/12/11	17.97	541	6.74	4.33	-75	15.9
	7/20/11	25.15	600	6.99	5.08	45	3
SH-09	1/20/11	15.95	1670	6.65	6.52	168	64.5
	2/7/11	16.82	1520	6.66	3.69	198	1
	4/11/11	15.89	1096	7.57	0.67	198	6
SH-11	1/20/11	17.52	1338	6.68	2.37	111	133
	4/6/11	16.8	1372	6.7	1.61	201	119
	7/20/11	21.86	2000	6.69	0.39	83	1
WS-04A	2/1/11	17.94	1337	7.11	0.1	-108	23
	4/27/11	16.12	1054	6.64	2.78	-134	51.1
	7/18/11	18.1	1670	7.09	0.81	-158	321
WS-09A	1/12/11	16.04	639	6.99	0.15	-43	0
	8/11/11	16.92	645	6.75	3.31	--	0

NOTES AND ABBREVIATIONS

° C - degrees Celsius
umhos - micromhos
% - percent
mV - millivolt
NTU - nephelometric turbidity unit

TABLE 6
SAMPLES ANALYZED, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Quarter	Post-Closure Permit Regulated Unit Monitoring Programs					Verification	Site-Wide Monitoring Program	LUFT	Other Monitoring				
										SMOU RFI GROUP				Area IV
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	CAIM				2	3	5	9	
ES-01	3							VOCs 1,4-Dioxane 1,2,3-TCP Chloride, Nitrate						
ES-14	3							VOCs Chloride, Nitrate						
ES-17	1	COCs (STL-IV)	Background COCs (STL-IV)	Background COCs (STL-IV)	COCs (STL-IV)									
	2	COCs (STL-IV) Appendix IX	Background WQ COCs (STL-IV)	Background WQ COCs (STL-IV)	COCs (STL-IV) Appendix IX									
	3	COCs (STL-IV)	Phthalates	COCs (STL-IV)	COCs (STL-IV)		VOCs							
ES-26	1		Background COCs (STL-IV)											
	2		Background WQ COCs (STL-IV)											
	3		Phthalates											
ES-27	1				COCs (STL-IV)									
	2				COCs (STL-IV) Appendix IX									
	3				COCs (STL-IV)									
ES-29	3							VOCs Chloride, Nitrate						
FDP-835	1							VOCs 1,4-Dioxane NDMA						
FDP-890	1							VOCs 1,4-Dioxane NDMA						
HAR-01	1				COCs (APTF)									
	2				COCs (APTF) Appendix IX									
	3				COCs (APTF)		Cyanide Herbicides							
	2	COCs (APTF) Appendix IX		Background WQ COCs (APTF)	COCs (APTF) Appendix IX									
HAR-03	1				COCs (APTF)									
	2				COCs (APTF) Appendix IX									
	3				COCs (APTF)									
HAR-04	1				COCs (APTF)									
	2				COCs (APTF) Appendix IX									
	3				COCs (APTF)									
HAR-05	1				COCs (SPA)									
	2				COCs (SPA)									
	3				COCs (SPA)									
HAR-07	1				COCs (Delta)									
	2				COCs (Delta) Appendix IX									
	3				COCs (Delta)		Dioxins							

TABLE 6
SAMPLES ANALYZED, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Quarter	Post-Closure Permit Regulated Unit Monitoring Programs					Verification	Site-Wide Monitoring Program	LUFT	Other Monitoring				
										SMOU RFI GROUP				Area IV
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	CAIM				2	3	5	9	
HAR-08	1				COCs (Delta)									
	2				COCs (Delta) Appendix IX									
	3				COCs (Delta)									
HAR-09	1	COCs (ABSP)		Background COCs (ABSP)	COCs (ABSP)									
	2	COCs (ABSP) Appendix IX		Background WQ COCs (ABSP)	COCs (ABSP) Appendix IX									
	3	COCs (ABSP)		COCs (ABSP)	COCs (ABSP)									
HAR-11	1				COCs (ABSP)									
	2				COCs (ABSP) Appendix IX									
	3				COCs (ABSP)									
HAR-12	1			Background COCs (SPA)	COCs (SPA)									
	2			Background WQ COCs (SPA)	COCs (SPA) Appendix IX									
	3			COCs (SPA)	COCs (SPA)									
HAR-13	1		Background COCs (SPA)											
	2		Background WQ COCs (SPA)											
	3		Phthalates											
HAR-14	1	COCs (SPA)		Background COCs (SPA)	COCs (SPA)									
	2	COCs (SPA) Appendix IX		Background WQ COCs (SPA)	COCs (SPA) Appendix IX									
	3	COCs (SPA)		COCs (SPA)	COCs (SPA)		Herbicides SVOCs							
HAR-15	1				COCs (SPA)									
	2				COCs (SPA) Appendix IX									
	3				COCs (SPA)									
HAR-16	1	COCs (APTF)		Background COCs (APTF)	COCs (APTF)									
	2	COCs (APTF) Appendix IX		Background WQ COCs (APTF)	COCs (APTF) Appendix IX									
	3	COCs (APTF)		COCs (APTF)	COCs (APTF)		Herbicides							
HAR-17	1											Metals		
HAR-19	1			Background COCs (ABSP)	COCs (ABSP)									
	2			Background WQ COCs (ABSP)	COCs (ABSP) Appendix IX									
	3			COCs (ABSP)	COCs (ABSP)									
HAR-20	1				COCs (ABSP)									
	2				COCs (ABSP) Appendix IX									
	3				COCs (ABSP)		VOCs							

TABLE 6
SAMPLES ANALYZED, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Quarter	Post-Closure Permit Regulated Unit Monitoring Programs					Verification	Site-Wide Monitoring Program	LUFT	Other Monitoring				
										SMOU RFI GROUP				Area IV
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	CAIM				2	3	5	9	
HAR-21	1				COCs (ABSP)									
	2				COCs (ABSP) Appendix IX									
	3				COCs (ABSP)									
HAR-23	1				COCs (SPA) except for PCBs (8082), Dioxins (8290), Dissolved Metals (6010/6020), Anions (300.0 – full list), and Diesel Range Organics (8015B)									
	2				COCs (SPA)									
	3				COCs (SPA)									
HAR-25	1				COCs (APTF)									
	2				COCs (APTF)									
	3				COCs (APTF)		Herbicides							
HAR-26	1				COCs (ECL)									
	2				COCs (ECL) Appendix IX									
	3				COCs (ECL)		Cyanide Phthalates							
HAR-27	1	COCs (Delta)		Background COCs (Delta)	COCs (Delta)									
	2	COCs (Delta) Appendix IX		Background WQ COCs (Delta)	COCs (Delta) Appendix IX									
	3	COCs (Delta)		COCs (Delta)	COCs (Delta)		Cyanide Herbicides							
HAR-28	1			Background COCs (Delta)	COCs (Delta)									
	2			Background WQ COCs (Delta)	COCs (Delta) Appendix IX									
	3			COCs (Delta)	COCs (Delta)									
HAR-29	1			Background COCs (Delta)	COCs (Delta)									
	2			Background WQ COCs (Delta)	COCs (Delta) Appendix IX									
	3			COCs (Delta)	COCs (Delta)									
HAR-30	1			Background COCs (SPA)	COCs (SPA)		Cyanide Sulfide							
	2			Background WQ COCs (SPA)	COCs (SPA) Appendix IX									
	3			COCs (SPA)	COCs (SPA)									

TABLE 6
SAMPLES ANALYZED, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Quarter	Post-Closure Permit Regulated Unit Monitoring Programs					Verification	Site-Wide Monitoring Program	LUFT	Other Monitoring				
										SMOU RFI GROUP				Area IV
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	CAIM				2	3	5	9	
HAR-31	1		Background COCs (SPA)											
	2		Background WQ COCs (SPA)											
	3		Phthalates											
HAR-32	1				COCs (STL-IV)									
	2				COCs (STL-IV)									
	3				COCs (STL-IV)									
HAR-33	1				COCs (STL-IV)									
	2				COCs (STL-IV) Appendix IX									
	3				COCs (STL-IV)		Dioxins							
	2				COCs (STL-IV) Appendix IX									
	3				COCs (STL-IV)									
PZ-041	1											Metals		
PZ-060	1				COCs (ABSP)		SVOCs Pesticides							
	2				COCs (ABSP) Appendix IX									
	3				COCs (ABSP)		Sulfide SVOCs							
PZ-074	1							Perchlorate						
	3							Perchlorate						
PZ-076	1							VOCs 1,4-Dioxane 1,2,3-TCP						
	3							VOCs 1,4-Dioxane 1,2,3-TCP Chloride, Nitrate						
PZ-077	1							VOCs 1,4-Dioxane 1,2,3-TCP						
	3							VOCs 1,4-Dioxane 1,2,3-TCP Chloride, Nitrate						
PZ-108	3							VOCs Metals						
	3							VOCs Radiochemistry						

TABLE 6
SAMPLES ANALYZED, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Quarter	Post-Closure Permit Regulated Unit Monitoring Programs					Verification	Site-Wide Monitoring Program	LUFT	Other Monitoring				
										SMOU RFI GROUP				Area IV
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	CAIM				2	3	5	9	
PZ-129	1									VOCs SVOCs NDMA 1,4-Dioxane PAHs DRO Formaldehyde PCBs Dioxins Metals Chromium VI Anions				
PZ-139	1									VOCs SVOCs NDMA 1,4-Dioxane PAHs DRO Formaldehyde PCBs Dioxins Metals Chromium VI Anions				
	2									1,4-Dioxane Anions Dioxins DRO Formaldehyde Hex Chrome- Total & Dissolved Metals-Dissolved Mercury-Dissolved NDMA PAHs PCBs SVOCs VOCs				

TABLE 6
SAMPLES ANALYZED, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Quarter	Post-Closure Permit Regulated Unit Monitoring Programs					Verification	Site-Wide Monitoring Program	LUFT	Other Monitoring				
										SMOU RFI GROUP				Area IV
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	CAIM				2	3	5	9	
PZ-139	3									1,4-Dioxane Anions Dioxins DRO Formaldehyde Hex Chrome- Total & Dissolved Hydrazine Metals-Dissolved Mercury-Dissolved NDMA PAHs PCBs SVOCs VOCs				
PZ-140	1									VOCs SVOCs NDMA 1,4-Dioxane PAHs DRO Formaldehyde PCBs Dioxins Metals Chromium VI Anions				
	2									1,4-Dioxane Anions Dioxins DRO Formaldehyde Hex Chrome- Total & Dissolved Metals-Dissolved Mercury-Dissolved NDMA PAHs PCBs SVOCs VOCs				

TABLE 6
SAMPLES ANALYZED, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Quarter	Post-Closure Permit Regulated Unit Monitoring Programs					Verification	Site-Wide Monitoring Program	LUFT	Other Monitoring				
										SMOU RFI GROUP				Area IV
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	CAIM				2	3	5	9	
PZ-140	3									1,4-Dioxane Anions Dioxins DRO Formaldehyde Hex Chrome- Total & Dissolved Hydrazine Metals-Dissolved Mercury-Dissolved NDMA PAHs PCBs SVOCs VOCs				
PZ-141	1									VOCs SVOCs NDMA 1,4-Dioxane PAHs DRO Formaldehyde PCBs Dioxins Metals Chromium VI Anions				
	2									1,4-Dioxane Anions Dioxins DRO Formaldehyde Hex Chrome- Total & Dissolved Metals-Dissolved Mercury-Dissolved NDMA PAHs PCBs SVOCs VOCs				

TABLE 6
SAMPLES ANALYZED, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Quarter	Post-Closure Permit Regulated Unit Monitoring Programs					Verification	Site-Wide Monitoring Program	LUFT	Other Monitoring				
										SMOU RFI GROUP				Area IV
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	CAIM				2	3	5	9	
PZ-141	3									1,4-Dioxane Anions Dioxins DRO Formaldehyde Hex Chrome- Total & Dissolved Hydrazine Metals-Dissolved Mercury-Dissolved NDMA PAHs PCBs SVOCs VOCs				
PZ-144	1									VOCs SVOCs NDMA 1,4-Dioxane PAHs DRO Formaldehyde PCBs Dioxins Metals Chromium VI Anions				
	2									1,4-Dioxane Anions Dioxins DRO Formaldehyde Hex Chrome- Total & Dissolved Metals-Dissolved Mercury-Dissolved NDMA PAHs PCBs SVOCs VOCs				

TABLE 6
SAMPLES ANALYZED, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Quarter	Post-Closure Permit Regulated Unit Monitoring Programs					Verification	Site-Wide Monitoring Program	LUFT	Other Monitoring				
										SMOU RFI GROUP				Area IV
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	CAIM				2	3	5	9	
PZ-144	3									1,4-Dioxane Anions Dioxins DRO Formaldehyde Hex Chrome- Total & Dissolved Hydrazine Metals-Dissolved Mercury-Dissolved NDMA PAHs PCBs SVOCs VOCs				
PZ-146	2									1,4-Dioxane Anions Dioxins DRO Formaldehyde Hex Chrome- Total & Dissolved Metals-Dissolved NDMA PAHs PCBs SVOCs VOCs				
	3									1,4-Dioxane Anions Dioxins DRO Formaldehyde Hex Chrome- Total & Dissolved Hydrazine Metals-Dissolved NDMA PAHs PCBs SVOCs VOCs				

TABLE 6
SAMPLES ANALYZED, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Quarter	Post-Closure Permit Regulated Unit Monitoring Programs					Verification	Site-Wide Monitoring Program	LUFT	Other Monitoring				
										SMOU RFI GROUP				Area IV
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	CAIM				2	3	5	9	
PZ-147	2									1,4-Dioxane Anions Dioxins DRO Formaldehyde Hex Chrome- Total & Dissolved Metals-Dissolved NDMA PAHs PCBs SVOCs VOCs				
	3									1,4-Dioxane Anions Dioxins DRO Formaldehyde Hex Chrome- Total & Dissolved Hydrazine Metals-Dissolved NDMA PAHs PCBs SVOCs VOCs				
PZ-148	2									1,4-Dioxane Anions Dioxins DRO Formaldehyde Hex Chrome- Total & Dissolved Metals-Dissolved NDMA PAHs PCBs SVOCs VOCs				
PZ-149	1												VOCs NDMA 1,4-Dioxane DRO	

TABLE 6
SAMPLES ANALYZED, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Quarter	Post-Closure Permit Regulated Unit Monitoring Programs					Verification	Site-Wide Monitoring Program	LUFT	Other Monitoring				
										SMOU RFI GROUP				Area IV
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	CAIM				2	3	5	9	
PZ-149	2												1,4-Dioxane Anions Dioxins DRO Metals-Dissolved NDMA PAHs PCBs SVOCs VOCs	
	3												1,4-Dioxane Anions Dioxins DRO Metals-Dissolved NDMA PAHs PCBs SVOCs VOCs	
PZ-152	2										1,2,3-TCP 1,4-Dioxane DRO Metals-Dissolved PAHs PCBs SVOCs VOCs			
PZ-154	1										VOCs SVOCs NDMA 1,4-Dioxane DRO Formaldehyde PCBs Dioxins Metals Anions			
	2										1,4-Dioxane Dioxins DRO Hydrazine Metals-Dissolved NDMA PCBs SVOCs VOCs			

TABLE 6
SAMPLES ANALYZED, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Quarter	Post-Closure Permit Regulated Unit Monitoring Programs					Verification	Site-Wide Monitoring Program	LUFT	Other Monitoring				
										SMOU RFI GROUP				Area IV
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	CAIM				2	3	5	9	
PZ-154	3										1,4-Dioxane Anions Dioxins DRO Formaldehyde Metals-Dissolved NDMA PCBs SVOCs VOCs			
PZ-155	2										1,4-Dioxane Dioxins DRO Hydrazine Metals-Dissolved NDMA PCBs SVOCs VOCs			
	3										1,4-Dioxane Anions Dioxins DRO Formaldehyde Metals-Dissolved NDMA PCBs SVOCs VOCs			
	3										1,4-Dioxane Anions Dioxins DRO Formaldehyde Metals-Dissolved NDMA PCBs SVOCs VOCs			
PZ-158	1										VOCs SVOCs NDMA 1,4-Dioxane DRO Formaldehyde PCBs Dioxins Metals Anions			

TABLE 6
SAMPLES ANALYZED, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Quarter	Post-Closure Permit Regulated Unit Monitoring Programs					Verification	Site-Wide Monitoring Program	LUFT	Other Monitoring				
										SMOU RFI GROUP				Area IV
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	CAIM				2	3	5	9	
	2										1,4-Dioxane Dioxins DRO Hydrazine Metals-Dissolved NDMA PCBs SVOCs VOCs			
	3										1,4-Dioxane Anions Dioxins DRO Formaldehyde Metals-Dissolved NDMA PCBs SVOCs VOCs			
PZ-159	1										VOCs SVOCs 1,4-Dioxane PAHs DRO Dioxins Metals Anions			
	2										Dioxins DRO Metals-Dissolved PAHs SVOCs VOCs			
	3										Anions Dioxins DRO Metals-Dissolved PAHs SVOCs VOCs			
	3							VOCs 1,4-Dioxane Perchlorate						
RD-02	1							VOCs 1,4-Dioxane						
	3							VOCs 1,4-Dioxane NDMA Hydrazine Formaldehyde						

TABLE 6
SAMPLES ANALYZED, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Quarter	Post-Closure Permit Regulated Unit Monitoring Programs					Verification	Site-Wide Monitoring Program	LUFT	Other Monitoring				
										SMOU RFI GROUP				Area IV
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	CAIM				2	3	5	9	
RD-03	1				COCs (APTF)			VOCs 1,4-Dioxane						
	2 3				COCs (APTF) COCs (APTF)			VOCs 1,4-Dioxane Chloride, Nitrate						
RD-05A	1				COCs (Delta)			VOCs 1,4-Dioxane NDMA						
	2 3				COCs (Delta) COCs (Delta)			VOCs 1,4-Dioxane NDMA						
RD-05B	1				COCs (Delta)			VOCs 1,4-Dioxane NDMA						
	2				COCs (Delta)									
	3				COCs (Delta)			VOCs 1,4-Dioxane NDMA						
RD-05C	1				COCs (Delta)			VOCs 1,4-Dioxane NDMA						
	2				COCs (Delta)									
	3				COCs (Delta)			VOCs 1,4-Dioxane NDMA						
RD-06	1				COCs (STL-IV)			VOCs 1,4-Dioxane NDMA						
	2				COCs (STL-IV)									
	3				COCs (STL-IV)			VOCs 1,4-Dioxane NDMA						
RD-07	3							VOCs Radiochemistry						
RD-08	1				COCs (ECL)			VOCs						
	2				COCs (ECL) Appendix IX									
	3				COCs (ECL)									
RD-09	3							VOCs 1,4-Dioxane						
	2	COCs (ABSP) Appendix IX		Background WQ COCs (ABSP)	COCs (ABSP) Appendix IX									
	3	COCs (ABSP)		COCs (ABSP)	COCs (ABSP)									
RD-11	1				COCs (ECL)									
	2				COCs (ECL) Appendix IX									
	3				COCs (ECL)		Cyanide Dioxins Sulfide							

See Table 7 for analyte lists and analysis methods

TABLE 6
SAMPLES ANALYZED, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Quarter	Post-Closure Permit Regulated Unit Monitoring Programs					Verification	Site-Wide Monitoring Program	LUFT	Other Monitoring				
										SMOU RFI GROUP				Area IV
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	CAIM				2	3	5	9	
RD-12	1				COCs (ECL)									
	2				COCs (ECL) Appendix IX									
	3				COCs (ECL)		Cyanide							
RD-13	1							VOCs Radchem				Metals		
	3							VOCs Radiochemistry						
RD-14	1							VOCs 1,2,3-TCP Radchem						
	3							VOCs 1,2,3-TCP Fluoride Radiochemistry						
RD-18	1							VOCs 1,4-Dioxane Radchem						
	3							VOCs 1,4-Dioxane Radiochemistry Fluoride Metals Sodium						
RD-19	1							VOCs Radchem						
	3							VOCs Radiochemistry Fluoride Metals Sodium						
RD-20	3							VOCs Radiochemistry						
RD-32	1							VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate	GRO VOCs					
	3							VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate	GRO (8015B) 8260B					
RD-33A	1							VOCs Perchlorate Radchem						
	3							VOCs Perchlorate Radiochemistry Metals						

See Table 7 for analyte lists and analysis methods

TABLE 6
SAMPLES ANALYZED, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Quarter	Post-Closure Permit Regulated Unit Monitoring Programs					Verification	Site-Wide Monitoring Program	LUFT	Other Monitoring				
										SMOU RFI GROUP				Area IV
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	CAIM				2	3	5	9	
RD-33B	1							VOCs Perchlorate Radchem						
	3							VOCs Perchlorate Radiochemistry Metals						
RD-33C	1							VOCs Perchlorate Radchem						
	3							VOCs Perchlorate Radiochemistry Metals						
RD-34A	1							VOCs 1,4-Dioxane Perchlorate Radchem						
	3							VOCs 1,4-Dioxane Radiochemistry Fluoride Metals Sodium						
RD-34B	1							VOCs Perchlorate Radchem						
RD-34C	1							VOCs 1,4-Dioxane Perchlorate Radchem						
	3							VOCs 1,4-Dioxane Radiochemistry Fluoride Metals Sodium						
RD-35A	3							VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate						
RD-35B	3							VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate						
	2				COCs (APTF)									

TABLE 6
SAMPLES ANALYZED, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Quarter	Post-Closure Permit Regulated Unit Monitoring Programs					Verification	Site-Wide Monitoring Program	LUFT	Other Monitoring				
										SMOU RFI GROUP				Area IV
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	CAIM				2	3	5	9	
RD-36B	1				COCs (APTF)				GRO VOCs					
	2				COCs (APTF)									
	3				COCs (APTF)				GRO (8015B) 8260B					
RD-36C	1				COCs (APTF)				GRO VOCs					
	2				COCs (APTF)									
	3				COCs (APTF)				GRO (8015B) 8260B					
RD-36D	1				COCs (APTF)				GRO VOCs					
	2				COCs (APTF)									
	3				COCs (APTF)				GRO (8015B) 8260B					
RD-37	1				COCs (APTF)			VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate	GRO VOCs					
	2				COCs (APTF)									
	3				COCs (APTF)			VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate	GRO (8015B) 8260B					
RD-38B	1				COCs (APTF)			VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate	GRO VOCs					
	2				COCs (APTF)									
	3				COCs (APTF)			VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate	GRO (8015B) 8260B					
RD-39A	1				COCs (APTF)			VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate						
RD-39B	1				COCs (APTF)			VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate						
	2				COCs (APTF)									

TABLE 6
SAMPLES ANALYZED, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Quarter	Post-Closure Permit Regulated Unit Monitoring Programs					Verification	Site-Wide Monitoring Program	LUFT	Other Monitoring				
										SMOU RFI GROUP				Area IV
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	CAIM				2	3	5	9	
RD-39B	3				COCs (APTF)			VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate						
RD-40	3							VOCs 1,4-Dioxane NDMA						
RD-41A	1		Background COCs (Delta)											
	2		Background WQ COCs (Delta)											
RD-41B	1							VOCs 1,4-Dioxane						
	3							VOCs 1,4-Dioxane						
RD-42	3							VOCs 1,4-Dioxane NDMA						
RD-43A	1				COCs (APTF)			VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate						
	2				COCs (APTF)									
	3				COCs (APTF)			VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate						
RD-43B	1				COCs (APTF)			VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate						
	2				COCs (APTF)									
	3				COCs (APTF)			VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate						
RD-43C	1				COCs (APTF)			VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate						
	2				COCs (APTF)									

TABLE 6
SAMPLES ANALYZED, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Quarter	Post-Closure Permit Regulated Unit Monitoring Programs					Verification	Site-Wide Monitoring Program	LUFT	Other Monitoring				
										SMOU RFI GROUP				Area IV
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	CAIM				2	3	5	9	
RD-43C	3				COCs (APTF)			VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate						
RD-44	1							NDMA						
	3							VOCs 1,4-Dioxane NDMA Hydrazine Formaldehyde						
RD-45A	1				COCs (APTF)									
	2				COCs (APTF)									
	3				COCs (APTF)									
RD-45B	1				COCs (APTF)									
	2				COCs (APTF)									
	3				COCs (APTF)									
RD-45C	1				COCs (APTF)									
	2				COCs (APTF)									
	3				COCs (APTF)									
RD-46A	1				COCs (APTF)									
	2				COCs (APTF)									
	3				COCs (APTF)									
RD-46B	1				COCs (APTF)			VOCs 1,4-Dioxane 1,2,3-TCP						
	2				COCs (APTF)									
	3				COCs (APTF)			VOCs 1,4-Dioxane 1,2,3-TCP Chloride, Nitrate						
RD-48A	1				COCs (APTF)			VOCs 1,4-Dioxane 1,2,3-TCP						
	2				COCs (APTF)									
	3				COCs (APTF)			VOCs 1,4-Dioxane 1,2,3-TCP Chloride, Nitrate						
RD-48B	1				COCs (APTF)			VOCs 1,4-Dioxane 1,2,3-TCP						
	2				COCs (APTF)									
	3				COCs (APTF)			VOCs 1,4-Dioxane 1,2,3-TCP Chloride, Nitrate						
RD-48C	1				COCs (APTF)			VOCs 1,4-Dioxane 1,2,3-TCP						
	2				COCs (APTF)									

TABLE 6
SAMPLES ANALYZED, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Quarter	Post-Closure Permit Regulated Unit Monitoring Programs					Verification	Site-Wide Monitoring Program	LUFT	Other Monitoring				
										SMOU RFI GROUP				Area IV
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	CAIM				2	3	5	9	
RD-48C	3				COCs (APTF)			VOCs 1,4-Dioxane 1,2,3-TCP Chloride, Nitrate						
RD-49A	1		Background COCs (ABSP)											
	2		Background WQ COCs (ABSP)											
	3		Phthalates											
RD-49B	1		Background COCs (ABSP)											
	2		Background WQ COCs (ABSP)											
	3		Phthalates											
RD-49C	1				COCs (ABSP)									
	2				COCs (ABSP) Appendix IX									
	3				COCs (ABSP)									
RD-50	1							VOCs Perchlorate Radchem						
	3							VOCs Perchlorate Radiochemistry Metals						
RD-51A	1				COCs (APTF)			VOCs 1,4-Dioxane						
	2				COCs (APTF)									
	3				COCs (APTF)			VOCs 1,4-Dioxane						
RD-51B	1				COCs (APTF)			VOCs 1,4-Dioxane						
	2				COCs (APTF)									
	3				COCs (APTF)			VOCs 1,4-Dioxane						
RD-51C	1				COCs (APTF)			VOCs						
	2				COCs (APTF)									
	3				COCs (APTF)			VOCs						
RD-52A	1				COCs (APTF)									
	2				COCs (APTF)									
	3				COCs (APTF)									
RD-52B	1				COCs (APTF)									
	2				COCs (APTF)									
	3				COCs (APTF)									
RD-52C	1				COCs (APTF)									
	2				COCs (APTF)									
	3				COCs (APTF)									
	2				COCs (APTF)									
	3				COCs (APTF)				GRO (8015B) 8260B					

See Table 7 for analyte lists and analysis methods

TABLE 6
SAMPLES ANALYZED, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Quarter	Post-Closure Permit Regulated Unit Monitoring Programs					Verification	Site-Wide Monitoring Program	LUFT	Other Monitoring				
										SMOU RFI GROUP				Area IV
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	CAIM				2	3	5	9	
RD-54A	3							VOCs Perchlorate Radiochemistry Metals						
RD-55A	1				COCs (STL-IV)							Metals		
	2				COCs (STL-IV)									
	3				COCs (STL-IV)									
RD-55B	1				COCs (STL-IV)									
	2				COCs (STL-IV)									
	3				COCs (STL-IV)									
RD-56A	3							VOCs 1,2,3-TCP Fluoride Radiochemistry						
RD-56B	3							VOCs 1,2,3-TCP Fluoride Radiochemistry						
RD-57	1							VOCs Perchlorate Radchem						
	3							VOCs Perchlorate Radiochemistry Metals						
RD-58A	1				COCs (STL-IV)							Metals		
	2				COCs (STL-IV)									
	3				COCs (STL-IV)									
RD-58B	1				COCs (STL-IV)			VOCs 1,4-Dioxane NDMA						
	2				COCs (STL-IV)									
	3				COCs (STL-IV)			VOCs 1,4-Dioxane NDMA						
RD-58C	1				COCs (STL-IV)			VOCs 1,4-Dioxane NDMA						
	2				COCs (STL-IV)									
	3				COCs (STL-IV)			VOCs 1,4-Dioxane NDMA						
RD-59A	1							VOCs Perchlorate Radchem						
	3							VOCs Perchlorate Radiochemistry Metals Fluoride Sodium						

TABLE 6
SAMPLES ANALYZED, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Quarter	Post-Closure Permit Regulated Unit Monitoring Programs					Verification	Site-Wide Monitoring Program	LUFT	Other Monitoring				
										SMOU RFI GROUP				Area IV
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	CAIM				2	3	5	9	
RD-59B	1							VOCs Perchlorate Radchem						
	3							VOCs Perchlorate Radiochemistry Metals Fluoride Sodium						
RD-59C	1							VOCs Perchlorate Radchem						
	3							VOCs Perchlorate Radiochemistry Metals Fluoride Sodium						
RD-60	3							VOCs 1,2,3-TCP Fluoride Radiochemistry						
RD-61	1							VOCs 1,4-Dioxane 1,2,3-TCP						
	3							VOCs 1,4-Dioxane 1,2,3-TCP Chloride, Nitrate						
RD-62	1							VOCs 1,4-Dioxane 1,2,3-TCP						
	3							VOCs 1,4-Dioxane 1,2,3-TCP Chloride, Nitrate						
	3							VOCs 1,4-Dioxane Radiochemistry Fluoride Metals Sodium						

TABLE 6
SAMPLES ANALYZED, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Quarter	Post-Closure Permit Regulated Unit Monitoring Programs					Verification	Site-Wide Monitoring Program	LUFT	Other Monitoring				
										SMOU RFI GROUP				Area IV
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	CAIM				2	3	5	9	
RD-66	1							VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate						
	3							VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate						
RD-67	1							VOCs 1,4-Dioxane NDMA						
	3							VOCs 1,4-Dioxane NDMA						
RD-68A	1				COCs (ABSP)			VOCs 1,2,3-TCP						
	2				COCs (ABSP) except formaldehyde									
	3				COCs (ABSP)			VOCs 1,2,3-TCP Fluoride						
RD-68B	1				COCs (ABSP)			VOCs 1,2,3-TCP						
	2				COCs (ABSP)									
	3				COCs (ABSP)			VOCs 1,2,3-TCP Fluoride						
RD-69	1							VOCs 1,4-Dioxane						
	3							VOCs 1,4-Dioxane						
RD-70	1							VOCs						
	3							VOCs						
RD-71	1							VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate						
	3							VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate						
RD-73	1								GRO VOCs					
	3								GRO (8015B) 8260B					

TABLE 6
SAMPLES ANALYZED, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Quarter	Post-Closure Permit Regulated Unit Monitoring Programs					Verification	Site-Wide Monitoring Program	LUFT	Other Monitoring				
										SMOU RFI GROUP				Area IV
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	CAIM				2	3	5	9	
RD-75	1							Perchlorate						
	3							Perchlorate						
RD-76	1							Perchlorate						
	3							Perchlorate						
RD-77	1		Background COCs (APTF)											
	2		Background WQ COCs (APTF)											
	3		1,2,3-TCP											
RD-78	1							VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate						
	3							VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate						
RD-81	3							VOCs 1,4-Dioxane						
RD-82	1							VOCs 1,4-Dioxane						
RD-83	1							VOCs						
	3							VOCs						
RD-85	1							VOCs 1,4-Dioxane Radchem						
	3							VOCs 1,4-Dioxane Radiochemistry Fluoride Metals Sodium						
RD-86	1							VOCs Radchem						
	3							VOCs Radiochemistry Fluoride Metals Sodium						
RD-96	1							VOCs Radchem						
	3							VOCs Radiochemistry						
RD-98	1													Radchem
	2													Radchem
	3													Radchem
RS-07	1				COCs (APTF)									
	2				COCs (APTF)									

See Table 7 for analyte lists and analysis methods

TABLE 6
SAMPLES ANALYZED, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Quarter	Post-Closure Permit Regulated Unit Monitoring Programs					Verification	Site-Wide Monitoring Program	LUFT	Other Monitoring				
										SMOU RFI GROUP				Area IV
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	CAIM				2	3	5	9	
RS-08	1				COCs (ABSP)		Sulfide							
	2				COCs (ABSP) Appendix IX									
	3 2				COCs (ABSP) COCs (STL-IV)								1,4-Dioxane Anions Dioxins DRO Metals-Dissolved NDMA PAHs PCBs SVOCs VOCs	
RS-15	1											VOCs		
RS-17	1											VOCs		
RS-18	3							VOCs Perchlorate Radiochemistry Metals						
RS-20	3							VOCs 1,4-Dioxane NDMA 1,2,3-TCP Perchlorate						
RS-29	2									1,4-Dioxane Anions Dioxins DRO Formaldehyde Hex Chrome- Total & Dissolved Metals-Dissolved Mercury-Dissolved NDMA PAHs PCBs SVOCs VOCs				
RS-30	1								GRO VOCs					
RS-31	1								GRO VOCs					
RS-32	1								GRO VOCs					
	3								GRO (8015B) 8260B					

TABLE 6
SAMPLES ANALYZED, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Quarter	Post-Closure Permit Regulated Unit Monitoring Programs					Verification	Site-Wide Monitoring Program	LUFT	Other Monitoring				
										SMOU RFI GROUP				Area IV
		Point of Compliance	Background	Detection Monitoring	Evaluation Monitoring	CAIM				2	3	5	9	
RS-33	1	COCs (STL-IV)		Background COCs (STL-IV)	COCs (STL-IV)									
	2	COCs (STL-IV) Appendix IX		Background WQ COCs (STL-IV)	COCs (STL-IV) Appendix IX									
	3	COCs (STL-IV)		COCs (STL-IV)	COCs (STL-IV)		SVOCs							
RS-34	1	COCs (SPA)		Background COCs (SPA)	COCs (SPA)									
	2	COCs (SPA) Appendix IX		Background WQ COCs (SPA)	COCs (SPA) Appendix IX									
	3	COCs (SPA)		COCs (SPA)	COCs (SPA)		Dioxins							
SH-02	1			Background COCs (ECL)										
	2			Background WQ COCs (ECL)										
	3			COCs (ECL)										
SH-03	1	COCs (ECL)		Background COCs (ECL)	COCs (ECL)		Pesticides 1,2,3-TCP							
	2	COCs (ECL) Appendix IX		Background WQ COCs (ECL)	COCs (ECL) Appendix IX									
SH-04	1				COCs (ECL)									
	2				COCs (ECL) Appendix IX									
	3				COCs (ECL)		Phthalates							
SH-07	1		Background COCs (ECL)											
	2		Background WQ COCs (ECL)											
	3		COCs (ECL)											
SH-09	1			Background COCs (ECL)	COCs (ECL)		Herbicides 1,2,3-TCP							
	2			Background WQ COCs (ECL)	COCs (ECL) Appendix IX									
SH-11	1				COCs (ECL)		Phthalates							
	2				COCs (ECL) Appendix IX		Phthalates							
	3				COCs (ECL)		Phthalates							
WS-04A	1				COCs (ABSP)			VOCs 1,4-Dioxane						
	2				COCs (ABSP)									
	3				COCs (ABSP)			VOCs 1,4-Dioxane						
WS-09A	1							VOCs 1,4-Dioxane NDMA						
	2					COCs (ABSP) COCs (Delta) COCs (SPA)								
	3					COCs (ABSP) COCs (Delta) COCs (SPA)		VOCs 1,4-Dioxane NDMA						

TABLE 6
SAMPLES ANALYZED, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

ABBREVIATIONS

CAIM - Corrective Action Interim Monitoring
SMOU RFI - Surficial Media Operable Unit RCRA Facility Investigation
ABSP - Alfa-Bravo Skim Pond
APTF - Advanced Propulsion Test Facility
COC - Constituent of Concern
ECL - Engineering Chemistry Laboratory
SPA - Storable Propellant Area
STL - Systems Test Laboratory
WQ - water quality

1,2,3-TCP - 1,2,3-trichloropropane
DRO - diesel range organics
Hex Chrome - Hexavalent Chromium
NDMA - n-nitrosodimethylamine
PAHs - polycyclic aromatic hydrocarbons
PCBs - polychlorinated biphenyls
Radchem - Radiochemistry
SVOCs - semi-volatile organic compounds
VOCs - volatile organic compounds

TABLE 7
MONITORING PROGRAM ANALYSES, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

ANALYSES ABBREVIATIONS

1,2,3-TCP	1,2,3-Trichloropropane
Appendix IX	Appendix IX monitoring
Background WQ	Background Water Quality Parameters
COCs	Constituents of Concern
COCs (ABSP)	Constituents of Concern for Regulated Unit ABSP
COCs (APTF)	Constituents of Concern for Regulated Units APTF-1 and APTF-2
COCs (Delta)	Constituents of Concern for Regulated Unit Delta
COCs (ECL)	Constituents of Concern for Regulated Unit ECL
COCs (SPA)	Constituents of Concern for Regulated Units SPA-1 and SPA-2
COCs (STL-IV)	Constituents of Concern for Regulated Units STL-IV-1 and STL-IV-2
Dioxins	Dioxins and furans (EPA 8290)
DRO	Diesel Range Organics (EPA 8015B)
GRO	Gasoline Range Organics (EPA 8015B)
Herbicides	Chlorinated herbicides (EPA 8151A)
Hex chrome	Hexavalent chromium (EPA 7196A)
Hydrazines	Hydrazine, Momomethyl hydrazine (MMH), and Unsymmetrical dimethylhydrazine (UDMH)
NDMA	n-Nitrosodimethylamine (EPA 1625M)
Nitrate	Nitrate as NO_3
PAHs	Polycyclic Aromatic Hydrocarbons
PCBs	Polychlorinated Biphenyls (EPA 8082)
Pesticides	Organochlorine pesticides (EPA 8081A)
Radchem	Radiochemistry
SVOCs	Semi-Volatile Organic Compounds (EPA 8270C)
VOCs	Volatile Organic Compounds (EPA 8260B)

ANALYSES	**Analytical Method**
1,2,3-Trichloropropane	SRL 524M
1,4-Dioxane	8260SIM
Anions: Bromide, Chloride, Fluoride, Nitrate (NO_3), Nitrite (NO_2), Phosphate, and Sulfate	300.0
Bromide	300.0
Chloride	300.0
Cyanide	9012
Diesel Range Organics (DRO)	8015B
Dioxins and Furans	8290
Fluoride	300.0
Formaldehyde	8315A
Gamma-emitting radionuclides	901.1
Gasoline Range Organics (GRO)	8015B
Gross Alpha and Gross Beta	900.0
Hexavalent chromium (hexachrome)	7196A
Hydrazines	DV-WC-007 / 8315
Metals	6010B, 6020, 7470A
Nitrate as NO_3	300.0
n-Nitrosodimethylamine (NDMA), low-level	1625M
Perchlorate	314.0
Perchlorate, low-level	6860
pH	9010B / 9040C
Polychlorinated biphenyl (PCBs)	8082
Semi-volatile organic compounds (SVOCs)	8270C
Strontium-90 (Sr-90)	905.0
Sulfate	300.0
Tritium	906.0
Uranium	908.0
Volatile organic compounds (VOCs)	8260B

TABLE 7
MONITORING PROGRAM ANALYSES, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

REGULATED UNIT MONITORING PROGRAM [1,2,3] ANALYSES

2010 Post-Closure Permit - Constituents of Concern (COCs)		Analytical Method
COCs (ABSP)	1,4-Dioxane, low level	8260SIM
	Ammonia	350.1
	Phthalates* *(beginning second quarter 2011)*	8270C
	Diesel range organics (DRO)	8015B
	Fluoride, Nitrate as NO_3	300.0
	Formaldehyde	8315A
	Kerosene fuel (RP-1, JP-1, JP-4)	8015B
	Nitrobenzene, 1,3-dinitrobenzene	8270C
	n-Nitrosodimethylamine (NDMA), low-level	1625M
	Oil	8015B
	Perchlorate	314.0
	Perchlorate, low-level	6860
	Unsymmetrical dimethylhydrazine (1,1-dimethylhydrazine, UDMH)	DV-WC-007/ 8315
	Volatile organic compounds (VOCs)	8260B
COCs (APTF)	1,2,3-Trichloropropane* *(beginning second quarter 2011)*	SRL 524M
	1,4-Dioxane, low level	8260SIM
	Ammonia	350.1
	Diesel range organics (DRO)	8015B
	Fluoride, Nitrate as NO_3	300.0
	Formaldehyde	8315A
	Hydrazines Hydrazine, Momomethyl hydrazine (MMH), and Unsymmetrical dimethylhydrazine (UDMH)	DV-WC-007 / 8315
	Isopropyl alcohol	8260B
	Kerosene fuel (RP-1, JP-1, JP-4)	8015B
	Nitrobenzene, 1,3-dinitrobenzene	8270C
	n-Nitrosodimethylamine (NDMA), low-level	1625M
	Perchlorate	314
	Perchlorate, low-level	6860
	pH	9040B
	Phthalates	8270C
	Volatile organic compounds (VOCs)	8260B
COCs (Delta)	1,4-Dioxane, low level	8260SIM
	Ammonia	350.1
	Diesel range organics (DRO)	8015B
	Fluoride, Nitrate as NO_3	300.0
	Formaldehyde	8315A
	Kerosene fuel (RP-1, JP-1, JP-4)	8015B
	Nitrobenzene, 1,3-dinitrobenzene	8270C
	n-Nitrosodimethylamine (NDMA), low-level	1625M
	Perchlorate	314
	Perchlorate, low-level	6860
	pH	9040B
	Unsymmetrical dimethylhydrazine (1,1-dimethylhydrazine, UDMH)	DV-WC-007
	Volatile organic compounds (VOCs)	8260B
COCs (ECL)	1,2,3-Trichloropropane* *(beginning first quarter 2012)*	SRL 524M
	1,4-Dioxane, low level	8260SIM
	Ammonia	350.1
	Anthracene* *(beginning third quarter 2010)*	8270C
	Fluoride, Nitrate as NO_3	300.0
	Formaldehyde	8315A
	Nitrobenzene, 1,3-dinitrobenzene	8270C
	n-Nitrosodimethylamine (NDMA), low-level	1625M
	Perchlorate	314
	Perchlorate, low-level	6860
	pH	9040B
	Volatile organic compounds (VOCs)	8260B

TABLE 7
MONITORING PROGRAM ANALYSES, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

2010 Post-Closure Permit - Constituents of Concern (COCs)		Analytical Method
COCs (SPA)	1,4-Dioxane, low level	8260SIM
	Ammonia	350.1
	Diesel range organics (DRO)	8015B
	Fluoride, Nitrate as NO_3	300.0
	Formaldehyde	8315A
	Hydrazines Hydrazine, Momomethyl hydrazine (MMH), and Unsymmetrical dimethylhydrazine (UDMH)	DV-WC-007 / 8315
	Isopropyl alcohol	8260B
	Kerosene fuel (RP-1, JP-1, JP-4)	8015B
	Nitrobenzene, 1,3-dinitrobenzene	8270C
	n-Nitrosodimethylamine (NDMA), low-level	1625M
	Perchlorate	314
	Perchlorate, low-level	6860
	pH	9040B
	Volatile organic compounds (VOCs)	8260B
COCs (STL-IV)	1,4-Dioxane, low level	8260SIM
	Ammonia	350.1
	Phthalates* *(beginning second quarter 2011)*	8270C
	Fluoride, Nitrate as NO_3	300.0
	Formaldehyde	8315A
	Hydrazines Hydrazine, Momomethyl hydrazine (MMH), and Unsymmetrical dimethylhydrazine (UDMH)	DV-WC-007 / 8315
	Isopropyl alcohol	8260B
	Nitrobenzene, 1,3-dinitrobenzene	8270C
	n-Nitrosodimethylamine (NDMA), low-level	1625M
	Perchlorate	314
	Perchlorate, low-level	6860
	pH	9040B
	Volatile organic compounds (VOCs)	8260B

VOCs Analyte List for Post-Closure Permit COCs (EPA 8260B)	
1,1,1-Trichloroethane	Ethylbenzene
1,1,2-Trichloro-1,2,2-trifluoroethane	Methyl ethyl ketone
1,1,2-Trichloroethane	Methylene chloride
1,1-Dichloroethane	Tetrachloroethene
1,1-Dichloroethene	Toluene
1,2-Dichloroethane	trans-1,2-Dichlorethene
Acetone	Trichloroethene
Benzene	Trichlorofluoromethane
Carbon Tetrachloride	Vinyl chloride
Chloroform	Xylenes
cis-1,2-Dichloroethene	

Background Water Quality Parameters	Analytical Method
Alkalinity as $CaCO_3$	SM2320B
Ammonia-N	350.1
Chloride, Fluoride, Nitrate as NO_3, Sulfate	300.0
Metals (dissolved): Calcium, Iron, Magnesium, Manganese, Potassium, Sodium, Strontium, Zinc	6010B
pH	9040B / 9040C
Specific conductivity	2510B
Total Dissolved Solids	2540C
Turbidity	180.1 / 2320B

TABLE 7
MONITORING PROGRAM ANALYSES, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Appendix IX [4]	Analytical Method
1,2,3-Trichloropropane	SRL 524M
1,4-Dioxane, low level	8260SIM
1,2-Dibromo-3-chloropropane (DBCP) and 1,2-Dibromoethane (EDB)	504.1
Chlorinated herbicides	8151A
Cyanide	9012A / 9014
Dioxins and Furans	8290
Hexachlorophene	8321A / 8151A
Mercury	7470A
Metals: Barium, Cobalt, Tin, Vanadium, and Zinc	6010B
Metals: Antimony, Arsenic, Beryllium, Cadmium, Chromium, Copper, Lead, Nickel, Selenium, Silver, and Thallium	6020
n-Nitrosodimethylamine (NDMA), low-level	1625M
Organochlorine pesticides	8081A
Organophosphorous compounds	8141A
Pentachlorophenol	8270
Polychlorinated biphenyl (PCBs)	8082
Semi-volatile organic compounds (SVOCs)	8270C
Sulfide	376.2
Volatile organic compounds (VOCs)	8260B

SITE-WIDE MONITORING PROGRAM [5] ANALYSES

Analytes			Analytical Method
1,2,3-Trichloropropane			SRL 524M
1,4-Dioxane			8260SIM
Chloride, Fluoride, Nitrate			300.0
Dioxins			8290
Formaldehyde			8315A
Hydrazine			DV-WC-007 / 8315
Metals:	Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Nickel, Selenium, Silver, Thallium, Tin, Vanadium, Zinc		6020
n-Nitrosodimethylamine (NDMA), low-level			1625M
Perchlorate			314.0
Radiochemistry:	Gamma-emitting radionuclides		901.1
	Gross Alpha and Gross Beta		900.0
	Strontium-90		905.0
	Tritium		906.0
	Isotopic Uranium		908.0
Sodium			6010
VOCs:			8260B
	1,1,1-Trichloroethane	Ethylbenzene	
	1,1,2-Trichloro-1,2,2-trifluoroethane	Methyl ethyl ketone	
	1,1,2-Trichloroethane	Methylene chloride	
	1,1-Dichloroethane	Tetrachloroethene	
	1,1-Dichloroethene	Toluene	
	1,2-Dichloroethane	trans-1,2-Dichlorethene	
	Acetone	Trichloroethene	
	Benzene	Trichlorofluoromethane	
	Carbon Tetrachloride	Vinyl chloride	
	Chloroform	Xylenes	
	cis-1,2-Dichloroethene		

TABLE 7
MONITORING PROGRAM ANALYSES, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

OTHER

Dioxins and Furans Analyte List			
1,2,3,4,6,7,8-HpCDF	=	1,2,3,4,6,7,8-Heptachlorodibenzofuran	Notes:
1,2,3,4,6,7,8-HpCDD	=	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2,3,7,8-TCDD TEQs were calculated using 2005 toxic equivalency factors (van den Berg et al., 2006).
1,2,3,4,7,8,9-HpCDF	=	1,2,3,4,7,8,9-Heptachlorodibenzofuran	
1,2,3,4,7,8-HxCDF	=	1,2,3,4,7,8-Hexachlorodibenzofuran	
1,2,3,4,7,8-HxCDD	=	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	
1,2,3,6,7,8-HxCDF	=	1,2,3,6,7,8-Hexachlorodibenzofuran	When one or more dioxin congeners are detected, the 2,3,7,8-TCDD TEQ is the sum of the products of the detected dioxin congener concentration multiplied by that congener's toxic equivalency factor (TEF).
1,2,3,6,7,8-HxCDD	=	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	
1,2,3,7,8,9-HxCDF	=	1,2,3,7,8,9-Hexachlorodibenzofuran	
1,2,3,7,8,9-HxCDD	=	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	
1,2,3,7,8-PeCDF	=	1,2,3,7,8-Pentachlorodibenzofuran	
1,2,3,7,8-PeCDD	=	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	
2,3,4,6,7,8-HxCDF	=	2,3,4,6,7,8-Hexachlorodibenzofuran	
2,3,4,7,8-PeCDF	=	2,3,4,7,8-Pentachlorodibenzofuran	When all dioxin congeners are not detected, the TEQ is the sum of the products of dioxin congener concentration at the MDL multiplied by that congener's TEF.
2,3,7,8-TCDD	=	2,3,7,8-Tetrachlorodibenzo-p-dioxin	
2,3,7,8-TCDD TEQ	=	2,3,7,8-Tetrachlorodibenzo-p-dioxin toxic equivalency	
2,3,7,8-TCDF	=	2,3,7,8-Tetrachlorodibenzofuran	
OCDF	=	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	
OCDD	=	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	

LABORATORIES

TA-Denver	=	Test America Laboratories - Denver, Colorado
TA-Irvine	=	Test America Laboratories - Irvine, California

NOTES

* Added to COC list based on new, verified detections - was not on original COC list in Post-Closure Permit.

1 - California Department of Toxic Substances Control, 2010. Hazardous Waste Facility Post-Closure Permit, Regional Permit Numbers PC 94/95-3-02 and PC-94/95-3-03. Permits for Areas I and III, and Area II, revised January 5, 2010.

2 - Haley & Aldrich, 2010. Regulated Unit Water Quality Sampling and Analysis Plan, Areas I and III, Post-Closure Permit PC-94/95-3-02, Santa Susana Field Laboratory, Ventura County, California, April.

3 - Haley & Aldrich, 2010. Regulated Unit Water Quality Sampling and Analysis Plan, Area II, Post Closure Permit PC-94/95-3-03, Santa Susana Field Laboratory, Ventura County, California, April.

4 - See California Code of Regulations, Title 22 for compound-specific list of analytes

5 - Haley & Aldrich, 2010. Site-Wide Water Quality Sampling and Analysis Plan, Santa Susana Field Laboratory, Ventura County, California, Revision 1, File No. 20080/M489. December.

TABLE 8
EXCEPTIONS TO THE WATER QUALITY SAMPLING AND ANALYSIS PLANS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

WELLS NOT SAMPLED		
Quarter	**Well Identifier**	**Notes**
1	PZ-035, PZ-078, PZ-089, PZ-095, PZ-124, RD-53, RS-13	Insufficient water
1	HAR-02, PZ-059, PZ-070, PZ-097, PZ-123, RD-36A, RD-38A, RS-01, RS-10, RS-14, RS-35	Dry
1	RD-104	Obstruction in well
1	RD-01, RD-63	Pump failure
1	RD-10	Well rehabilitation was performed after sampling event; well not retrofitted yet.
2	RD-38A, RS-35	Dry
2	PZ-059, PZ-070, PZ-089, RD-39A, RS-10, RS-14	Insufficient water
3	FDP-835, FDP-890, PZ-097, PZ-123, RS-13, RS-35	Dry
3	HAR-02, PZ-059, PZ-070, PZ-078, PZ-089, PZ-095, RD-36A, RD-38A, RD-39A, RS-07, RS-14, SH-03, SH-09	Insufficient water
3	RD-10, RD-34B	Under maintenance
INCOMPLETE ANALYSES		
Quarter	**Well Identifier**	**Notes**
1	HAR-23	Error in sample log-in at laboratory. Sample not analyzed for diesel range organics (DRO).
2	RD-68A - formaldehyde	Sample container broke during shipment and sample was not recollected
STABILIZATION PARAMETERS NOT COLLECTED AT FIXED INTERVAL		
Quarter	**Well Identifier**	**Notes**
1	ES-17, HAR-12, HAR-16, HAR-21, HAR-31, PZ-139, RD-12, RD-36B, RD-37, RD-41A, RD-43B, RD-46B, RD-48A, RD-51A, RD-58B, RD-58C, RD-68B, RD-78, RD-98, RS-07, RS-08, RS-29	Parameters collected at 2-3 minute intervals.
1	HAR-08	Parameters collected at 5-6 minute intervals.
1	HAR-09, RD-36C, RD-36D, RD-73, SH-09	Parameters collected at 3-4 minute intervals.
1	PZ-154, RD-18 (Day 1), RD-19 (Day 1), RD-68A, RS-17	Parameters collected at 4-5 minute intervals.
1	RD-13 (Day 1)	Parameters collected at 4-6 minute intervals.
1	RD-14	Parameters collected at 4-8 minute intervals.
1	RD-33C	Parameters collected at 22-30 minute intervals.
1	RD-34C	Parameters collected at 51-54 minute intervals.
1	RD-82	Parameters collected at 1-3 minute intervals.
1	RS-15 (Day 1)	Parameters collected at 3-7 minute intervals.
1	HAR-17 (Day 2), RS-15 (Day 2), RS-30, RS-31, RS-32	Parameters only collected once.
2	HAR-02, HAR-11, RD-48B, RD-58A	Parameters collected every 3 to 4 minutes
2	HAR-25	Parameters collected every 3 to 5 minutes
2	HAR-27, RD-36B, RD-45B, RD-45C	Parameters collected every 2 to 4 minutes
2	HAR-28, RD-08, RD-48A, RD-58C	Parameters collected every 2 to 3 minutes

TABLE 8
EXCEPTIONS TO THE WATER QUALITY SAMPLING AND ANALYSIS PLANS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

STABILIZATION PARAMETERS NOT COLLECTED AT FIXED INTERVAL *(continued)*		
Quarter	**Well Identifier**	**Notes**
2	PZ-035	Parameters collected every 1 to 3 minutes
3	RD-34A, RD-35A	Parameters collected every 1 to 3 minutes
3	RD-86, PZ-108, SH-11, RD-41B	Parameters collected every 4 to 6 minutes
3	RD-96	Parameters collected every 4 to 5 minutes
3	RD-05A, RD-43A, RD-62, RD-43B, RS-08, RS-18	Parameters collected every 2 to 3 minutes
3	RD-01	Parameters collected every 2 to 4 minutes
3	RD-05C, RD-39B, RD-43C, RS-20	Parameters collected every 2 to 4 minutes
3	RD-06	Parameters collected every 1 to 6 minutes
3	RD-67	Parameters collected every 3 to 4 minutes
3	HAR-31	Parameters collected every 3 to 13 minutes
3	HAR-16	Parameters collected every 3 to 4 minutes
3	RD-50, RD-54A, RD-57	FLUTe - Parameters only collected once prior to sample collection
3	WS-09A	Active extraction well - Parameters only collected once prior to sample collection
INITIAL PURGE VOLUME NOT MET BEFORE STABILIZATION PARAMETERS COLLECTED		
Quarter	**Well Identifier**	**Notes**
1	RS-30, RS-31, RS-32	Purged dry before three-volume purge requirement not met
1	RD-18, RD-19, RD-33B, RD-85, RD-86	Purged dry & sampled after recovery
1	RS-15 (day 2)	Grab sample - not purged
2	WS-09A	Active extraction well - Parameters only collected once prior to sample collection
1	HAR-14	Initial purge column (262 mL) not met before stabilization parameters collected, first reading at 150 mL
1	PZ-077	Initial purge column (670 mL) not met before stabilization parameters collected, first reading at 600 mL
1	RD-36C	Initial purge column (3273 mL) not met before stabilization parameters collected, first reading at 2800 mL
1	RD-36D	Initial purge column (6082 mL) not met before stabilization parameters collected, first reading at 5800 mL
1	RD-48B	Initial purge column (1286 mL) not met before stabilization parameters collected, first reading at 1275 mL
1	RD-58A	Initial purge column (1113 mL) not met before stabilization parameters collected, first reading at 1000 mL
1	RD-71	Initial purge column (4545 mL) not met before stabilization parameters collected, first reading at 4500 mL
2	ES-17	Initial purge column (751 mL) not met before stabilization parameters collected, first reading at 500 mL
2	ES-26	Initial purge column (818 mL) not met before stabilization parameters collected, first reading at 800 mL
2	ES-27	Initial purge column (818 mL) not met before stabilization parameters collected, first reading at 600 mL
2	HAR-32	Initial purge column (867 mL) not met before stabilization parameters collected, first reading at 850 mL
2	HAR-33	Initial purge column (818 mL) not met before stabilization parameters collected, first reading at 375 mL
2	PZ-060	Initial purge column (953 mL) not met before stabilization parameters collected, first reading at 840 mL
2	PZ-124	Initial purge column (693 mL) not met before stabilization parameters collected, first reading at 600 mL
2	RD-46B	Initial purge column (2522 mL) not met before stabilization parameters collected, first reading at 2325 mL
2	RD-104	Initial purge column (1060 mL) not met before stabilization parameters collected, first reading at 875 mL
3	ES-14	Initial purge column (725 mL) not met before stabilization parameters collected, first reading at 700 mL
3	ES-29	Initial purge column (718 mL) not met before stabilization parameters collected, first reading at 700 mL
3	HAR-26	Initial purge column (1093 mL) not met before stabilization parameters collected, first reading at 1050 mL

TABLE 8
EXCEPTIONS TO THE WATER QUALITY SAMPLING AND ANALYSIS PLANS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

INITIAL PURGE VOLUME NOT MET BEFORE STABILIZATION PARAMETERS COLLECTED *(continued)*		
Quarter	**Well Identifier**	**Notes**
3	HAR-27	Initial purge column (305 mL) not met before stabilization parameters collected, first reading at 300 mL
3	HAR-28	Initial purge column (303 mL) not met before stabilization parameters collected, first reading at 300 mL
3	HAR-29	Initial purge column (876 mL) not met before stabilization parameters collected, first reading at 750 mL
3	HAR-32	Initial purge column (867 mL) not met before stabilization parameters collected, first reading at 650 mL
3	RD-01	Initial purge column (2931 mL) not met before stabilization parameters collected, first reading at 2500 mL
3	RD-34C	Initial purge column (1562 mL) not met before stabilization parameters collected, first reading at 1500 mL
3	RD-43B	Initial purge column (2168 mL) not met before stabilization parameters collected, first reading at 2000 mL
3	RD-46B	Initial purge column (2522 mL) not met before stabilization parameters collected, first reading at 2500 mL
3	RD-60	Initial purge column (1544 mL) not met before stabilization parameters collected, first reading at 1500 mL
LOW-FLOW STABILIZATION CRITERIA NOT MET		
Quarter	**Well Identifier**	**Notes**
1	HAR-09, HAR-15, HAR-20, HAR-30, HAR-31, PZ-074, PZ-076, PZ-077, RD-36C, RD-36D, RD-39A, RD-52B, RD-58A, RD-66, RS-33, RS-34	Water level drawdown exceeded 0.3 feet
1	RD-02, RD-75	Dissolved oxygen readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable.
1	HAR-15, HAR-16, HAR-20, HAR-31, RD-36B, RD-45A, RD-48B, RD-51A, RD-58C, RS-33	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change.
2	HAR-09, HAR-20, HAR-32, HAR-33, RD-05B, RD-36C, RD-52A, RD-58A	Water level drawdown exceeded 0.3 feet
2	HAR-09, HAR-20, HAR-32, HAR-33, RD-05B, RD-36C, RD-52A, RD-58A	Water level drawdown exceeded 0.3 feet
2	ES-26	Dissolved oxygen readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable.
2	HAR-04, HAR-33, RD-02, RD-36B, RD-36D, RD-37, RD-39B, RD-45B, RD-51A, RD-52A, RD-53	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change.
3	HAR-08, HAR-11, HAR-12, HAR-15, HAR-29, HAR-33, PZ-060, PZ-074, PZ-076, PZ-108, RD-03, RD-13, RD-33B, RD-33C, RD-35B, RD-36C, RD-41B, RD-48A, RD-58A, RD-69, RD-85, RD-96	Water level drawdown exceeded 0.3 feet
3	HAR-08, HAR-16, RD-08, RD-34C, RD-58B, RS-34	Turbidity readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change.
3	HAR-11, RD-05A, RD-38B, RD-48C, RD-51B, RD-51C, RD-71, RD-83, RS-08, RS-20	Dissolved oxygen readings exceeded ±10%, however change >10% is a mathematical artifact resulting from relatively small values where a small absolute change equates to a large percentage change; should be considered stable.
3	RD-62, SH-04	Oxidation reduction potential readings exceeded ±10.

TABLE 8
EXCEPTIONS TO THE WATER QUALITY SAMPLING AND ANALYSIS PLANS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

SAMPLE RATE DIFFERS FROM PURGE RATE		
Quarter	**Well Identifier**	**Notes**
1	HAR-03, HAR-23, RD-08, RD-11, RD-13, RD-18, RD-19, RD-33C, RD-34C, RD-39A, RD-46B, SH-04	Purge rates varied over time and differed from sample rate
2	HAR-12, HAR-25, HAR-30, RS-08, WS-04A	Purge rates varied over time and differed from sample rate
3	ES-26, HAR-15, SH-04, SH-11	Purge rates varied over time and differed from sample rate
QAPP REQUIREMENTS		
Quarter	**Requirement**	**Exceptions**
1	Trip blanks submitted daily with primary and split samples analyzed	99% submitted
1	QC samples collected	See Appendix B Section 3.1.3 for details
QAPP REQUIREMENTS *(continued)*		
Quarter	**Requirement**	**Exceptions**
1	Precision/Accuracy requirements met	**Split sample precision:** 3 of 36 RPD values was above the project acceptance criterion (2011Q1 Groundwater Monitoring Report, Appendix A, Section 3.2.2). **Field duplicate sample precision:** 1 of 65 RPD values were above the project acceptance criterion (2011Q1 Groundwater Monitoring Report, Appendix A, Section 3.2.3). **Blank accuracy:** The project acceptance criterion for blank sample accuracy was met except for the analyses listed in Appendix A, Section 3.2.4 (2011Q1 Groundwater Monitoring Report).
2	Trip blanks submitted daily with primary and split samples analyzed for VOC and GRO.	100% submitted
2	QC samples collected	See 2011Q2 Groundwater Monitoring Report, Appendix B Section 3.1.3 for details
2	Precision/Accuracy requirements met	**Split sample precision:** 15 of 15 RPD values met the project acceptance criterion (2011Q2 Groundwater Monitoring Report, Appendix B, Section 3.2.2). **Field duplicate sample precision:** 1 of 75 RPD values were above the project acceptance criterion (2011Q2 Groundwater Monitoring Report, Appendix B, Section 3.2.3). **Blank accuracy:** The project acceptance criterion for blank sample accuracy was met except for the analyses listed in Appendix B, Section 3.2.4 (2011Q2 Groundwater Monitoring Report).
3	Trip blanks submitted daily with primary and split samples analyzed for VOC and GRO.	100% submitted
3	QC samples collected	See 2011Q3 Groundwater Monitoring Report, Appendix B Section 3.1.3 for details
3	Precision/Accuracy requirements met	**Split sample precision:** 8 of 9 RPD values met the project acceptance criterion (2011Q3 Groundwater Monitoring Report, Appendix B, Section 3.2.2). **Field duplicate sample precision:** 42 of 43 RPD values met the project acceptance criterion (2011Q3 Groundwater Monitoring Report, Appendix B, Section 3.2.3). **Blank accuracy:** The project acceptance criterion for blank sample accuracy was met except for the analyses listed in Appendix B, Section 3.2.4 (2011Q3 Groundwater Monitoring Report).

TABLE 8
EXCEPTIONS TO THE WATER QUALITY SAMPLING AND ANALYSIS PLANS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

OTHER	
Quarter	**Issue**
1	Wells not sampled under SMOU RFI sampling include: ES-15, ES-16, ES-25, PZ-128, PZ-132, PZ-133, PZ-138, PZ-143, PZ-148, RS-09, RS-14 - Dry; PZ-033, PZ-035, PZ-040, PZ-062, PZ-095, PZ-130, PZ-131, PZ-134, PZ-135, PZ-136, PZ-137, PZ-142, PZ-145, PZ-146, PZ-147, PZ-151, PZ-152, PZ-153, PZ-155, PZ-156, PZ-157, RS-13, RS-29 - Insufficient water; WS-11 - Pump failure; HAR-18 - Power cord cut off
1	Incomplete analyses under SMOU RFI sampling: At HAR-23, samples for SVOCs (8270 – full list), PCBs (8082), Dioxins (8290), Dissolved Metals (6010/6020), Anions (300.0 – full list), and Diesel Range Organics (8015B) were not collected due to insufficient water.
1	WS-09A is being used to dewater down gradient seeps; samples will be collected for CAIM analyses semi-annually during second and fourth quarters of each year.
1	AppIX sampling during the first year of monitoring under the 2010 Regulated Unit Post-Closure Permit Monitoring Programs has not been performed at six wells (HAR-02, PZ-035, PZ-070, PZ-089, RD-104, and RS-14) because the wells were either dry or contained insufficient water for purging.
2	Wells under the SMOU RFI program that were not sampled include: PZ-062, PZ-095, PZ-128, PZ-129, PZ-130, PZ-131, PZ-132, PZ-134. PZ-135, PZ-136, PZ-137, PZ-142, PZ-145, PZ-151, PZ-156, PZ-157 - Insufficient water; PZ-133, PZ-138, PZ-143, PZ-153 - Dry; S-17, scheduled for sampling under GW RI program, was not sampled due to unsafe conditions
2	Incomplete analyses under SMOU RFI sampling: PZ-152 was not analyzed for dioxins because the sample container broke during shipment and the sample was not recollected. The PZ-140 split sample was not analyzed for total and dissolved hexavalent chromium because the holding time was exceeded and the analyses were cancelled.
2	WS-09A is being used to dewater down gradient seeps; samples will be collected for CAIM analyses semi-annually during first and third quarters of each year.
2	Appendix IX sampling has not been performed at three wells (PZ-070, PZ-089, and RS-14) since implementation of the 2010 Regulated Unit Post-Closure Permit Monitoring Programs because the wells were either dry or contained insufficient water for purging. Appendix IX sampling was performed for the first time during this quarter for wells HAR-02, PZ-035, and RD-104, as these wells were either dry or contained insufficient water for purging in previous events.
2	Stabilization parameters not collected at fixed interval during sampling at the following locations: ES-26, ES-27, PZ-041, PZ-052, PZ-102, PZ-103, PZ-105, PZ-109, PZ-112, PZ-122, PZ-140, PZ-141, PZ-150, PZ-158, PZ-159, PZ-160, RD-13, RD-14, RD-15, RD-17, RD-19, RD-20, RD-24, RD-29, RD-33B, RD-33C, RD-34A, RD-34B, RD-34C, RD-54B, RD-54C, RD-63, RD-87, RD-88, RD-91, RD-94, RD-97, RD-98, RS-18, RS-25, RS-29, RS-54
2	Parameters only collected once: PZ-111, PZ-114, PZ-151, RD-86, RS-11, RS-23, RS-27
2	Purged dry and sampled after recovery: RD-19, RD-91, and RD-97
2	Purged and sampled next day: RD-13, RD-17, RD-18, RD-33B, RD-34A, RD-34B, RD-54C, RD-86, RD-87, RD-88, RD-90, RD-92, RD-93, RD-95, RD-96, RS-18, and RS-25
2	Grab sample - not purged: PZ-114, PZ-151, and RS-27
2	Initial purge volume not met before stabilization parameters collected: PZ-052, PZ-056, PZ-098, PZ-140, PZ-141, PZ-148, PZ-151, and PZ-154
2	Purged dry before three-volume purge requirement met: RD-13, RD-15, RD-18, RD-19, RD-33B, RD-34A, RD-34B, RD-54B, RD-54C, RD-86, RD-87, RD-88, RD-90, RD-91, RD-93, RD-95, RD-96, and RS-54
2	Sample rate differs from purge rate (purge rates varied over time and differed from sample rate): ES-17, ES-31, PZ-098, PZ-109, PZ-112, PZ-161, RD-13, RD-14, RD-15, RD-17, RD-18, RD-20, RD-24, RD-29, RD-33B, RD-33C, RD-34A, RD-34B, RD-34C, RD-54B, RD-54C, RD-63, RD-91, RD-93
2	Low-flow stabilization criteria not met: PZ-113, PZ-120, PZ-152
2	Water level drawdown during purge exceeded 0.3 ft: PZ-041, PZ-052, PZ-056, PZ-098, PZ-100, PZ-101, PZ-102, PZ-108, PZ-109, PZ-111, PZ-112, PZ-113, PZ-116, PZ-121, PZ-120, PZ-122, PZ-124, PZ-140, PZ-141, PZ-144, PZ-148, PZ-152, PZ-154, PZ-158, and PZ-160
3	Wells under the LUFT program that were not sampled include: RD-36A, RD-38A, RS-01, RS-30, RS-31 - Insufficient water
3	Wells under the SMOU RFI program that were not sampled include: PZ-095, PZ-129, PZ-130, PZ-131, PZ-136, PZ-145, PZ-148, PZ-151, PZ-152, PZ-153, PZ-156, RS-29 - Insufficient water; PZ-062, PZ-128, PZ-132, PZ-133, PZ-134, PZ-135, PZ-137, PZ-138, PZ-142, PZ-143, RS-13 - Dry

TABLE 8
EXCEPTIONS TO THE WATER QUALITY SAMPLING AND ANALYSIS PLANS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

OTHER	
Quarter	**Issue**
3	WS-09A is being used to dewater down gradient seeps; samples will be collected for CAIM analyses semi-annually during first and third quarters of each year.
3	Appendix IX sampling has not been performed at three wells (PZ-070, PZ-089, and RS-14) since implementation of the 2010 Regulated Unit Post-Closure Permit Monitoring Programs because the wells were either dry or contained insufficient water for purging.
3	Stabilization parameters not collected at fixed interval during sampling at the following locations: PZ-139 (2nd purge), PZ-157, PZ-158, PZ-144, PZ-146
3	Purged dry and sampled after recovery: RS-32
3	Purged dry before three-volume purge requirement met: PZ-108, PZ-154, RS-29, and RS-32
3	Low-flow stabilization criteria not met: PZ-139, PZ-144, PZ-147, RD-38B
3	Water level drawdown during purge exceeded 0.3 ft: PZ-139 (first purge and second purge), PZ-140, PZ-141, PZ-144, PZ-146, PZ-154, PZ-157, RD-36C

TABLE 9
GROUNDWATER SCREENING REFERENCE VALUES
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte Group	Chemical Analyte	Screening Value	Units	Screening Type
RadChem	Barium-133	1520	pCi/L	Primary MCL [(a)]
RadChem	Cesium-137	200	pCi/L	Primary MCL [(a)]
RadChem	Europium-152	200	pCi/L	Primary MCL [(a)]
RadChem	Gross alpha	15	pCi/L	Primary MCL
RadChem	Gross beta	50	pCi/L	Cal MCL
RadChem	Gross beta	4	mrem/yr	Primary MCL
RadChem	Radium-226	5	pCi/L	Primary MCL
RadChem	Sodium-22	400	pCi/L	Primary MCL [(a)]
RadChem	Strontium-90	8	pCi/L	Primary MCL
RadChem	Tritium	20000	pCi/L	Primary MCL
RadChem	Uranium-233/234	20	pCi/L	Cal MCL
RadChem	Uranium-235	20	pCi/L	Cal MCL
RadChem	Uranium-238	20	pCi/L	Cal MCL
Halogenated Ethenes	1,2-Dichloroethenes	130	ug/L	SWGW RBSL
Halogenated Ethenes	Tetrachloroethene	5	ug/L	Primary MCL
Halogenated Ethenes	Trichloroethene	5	ug/L	Primary MCL
Halogenated Ethenes	cis-1,2-Dichloroethene	6	ug/L	Cal MCL
Halogenated Ethenes	trans-1,2-Dichloroethene	10	ug/L	Cal MCL
Halogenated Ethenes	1,1-Dichloroethene	6	ug/L	Cal MCL
Halogenated Ethenes	Vinyl chloride	0.5	ug/L	Cal MCL
Halogenated Ethanes	1,1,2,2-Tetrachloroethane	1	ug/L	Cal MCL
Halogenated Ethanes	1,1,2-Trichloroethane	5	ug/L	Primary MCL
Halogenated Ethanes	1,1,1-Trichloroethane	200	ug/L	Primary MCL
Halogenated Ethanes	1,2-Dichloroethane	0.5	ug/L	Cal MCL
Halogenated Ethanes	1,1-Dichloroethane	5	ug/L	Cal MCL
Halogenated Ethanes	Chloroethane	16	ug/L	Taste/Odor
Halogenated Ethanes	1,2-Dibromoethane	0.05	ug/L	Primary MCL
Halogenated Ethanes	1,1,2-Trichloro-1,2,2-trifluoroethane	1200	ug/L	Cal MCL
Halogenated Ethanes	1,2-Dichloro-1,1,2-trifluoroethane	190000	ug/L	SWGW RBSL
Halogenated Ethanes	2,2-Dichloro-1,1,1-trifluoroethane	190000	ug/L	SWGW RBSL
Halogenated Methanes	Carbon Tetrachloride	0.5	ug/L	Cal MCL
Halogenated Methanes	Chloroform	80	ug/L	Primary MCL
Halogenated Methanes	Methylene chloride	5	ug/L	Primary MCL
Halogenated Methanes	Chloromethane	5.7	ug/L	SWGW RBSL
Halogenated Methanes	Trichlorofluoromethane	150	ug/L	Cal MCL
Halogenated Methanes	Dichlorodifluoromethane	1000	ug/L	Notification Level
Halogenated Methanes	Bromochloromethane	34000	ug/L	Taste/Odor
Halogenated Methanes	Bromodichloromethane	80	ug/L	Primary MCL
Halogenated Methanes	Bromoform	80	ug/L	Primary MCL
Halogenated Methanes	Bromomethane	8.8	ug/L	SWGW RBSL
Halogenated Methanes	Dibromochloromethane	80	ug/L	Primary MCL
Non-Halogenated VOCs	2-Heptanone	280	ug/L	Taste/Odor
Non-Halogenated VOCs	Benzyl chloride	12	ug/L	Taste/Odor
Non-Halogenated VOCs	Cumene	770	ug/L	Notification Level
Non-Halogenated VOCs	Ethanol	760000	ug/L	Taste/Odor
Non-Halogenated VOCs	Ethyl acetate	2600	ug/L	Taste/Odor
Non-Halogenated VOCs	Ethyl ether	750	ug/L	Taste/Odor
Non-Halogenated VOCs	Methanol	740000	ug/L	Taste/Odor
Non-Halogenated VOCs	m-Xylene & p-Xylene	1750	ug/L	Cal MCL
Non-Halogenated VOCs	n-Hexane	6.4	ug/L	Taste/Odor
Non-Halogenated VOCs	Pentanal	17	ug/L	Taste/Odor
Non-Halogenated VOCs	sec-Butyl alcohol	19000	ug/L	Taste/Odor
Non-Halogenated VOCs	tert-Butyl alcohol	12	ug/L	Notification Level
Non-Halogenated VOCs	1,3,5-Trimethylbenzene	330	ug/L	Notification Level
Non-Halogenated VOCs	1,2,4-Trimethylbenzene	330	ug/L	Notification Level
Non-Halogenated VOCs	2-Hexanone	250	ug/L	Taste/Odor
Non-Halogenated VOCs	Acetone	20000	ug/L	Taste/Odor
Non-Halogenated VOCs	Acetonitrile	300000	ug/L	Taste/Odor
Non-Halogenated VOCs	Acrolein	110	ug/L	Taste/Odor
Non-Halogenated VOCs	Acrylonitrile	910	ug/L	Taste/Odor
Non-Halogenated VOCs	Benzene	1	ug/L	Cal MCL
Non-Halogenated VOCs	Formaldehyde	100	ug/L	Notification Level
Non-Halogenated VOCs	Carbon Disulfide	160	ug/L	Notification Level
Non-Halogenated VOCs	Ethane	7500	ug/L	Taste/Odor
Non-Halogenated VOCs	Ethylbenzene	300	ug/L	Cal MCL

TABLE 9
GROUNDWATER SCREENING REFERENCE VALUES
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte Group	Chemical Analyte	Screening Value	Units	Screening Type
Non-Halogenated VOCs	Ethylene	39	ug/L	Taste/Odor
Non-Halogenated VOCs	Isopropanol	160000	ug/L	Taste/Odor
Non-Halogenated VOCs	m-Xylene	1750	ug/L	Cal MCL
Non-Halogenated VOCs	Methacrylonitrile	2100	ug/L	Taste/Odor
Non-Halogenated VOCs	Methane	3100	ug/L	SWGW RBSL
Non-Halogenated VOCs	Methyl ethyl ketone	3800	ug/L	SWGW RBSL
Non-Halogenated VOCs	Methyl isobutyl ketone (MIBK)	120	ug/L	Notification Level
Non-Halogenated VOCs	Methyl methacrylate	25	ug/L	Taste/Odor
Non-Halogenated VOCs	Methyl tert-butyl ether	5	ug/L	Secondary MCL
Non-Halogenated VOCs	n-Butylbenzene	260	ug/L	Notification Level
Non-Halogenated VOCs	n-Propylbenzene	260	ug/L	Notification Level
Non-Halogenated VOCs	Naphthalene	17	ug/L	Notification Level
Non-Halogenated VOCs	o + p Xylene	1750	ug/L	Cal MCL
Non-Halogenated VOCs	o-Xylene	1750	ug/L	Cal MCL
Non-Halogenated VOCs	sec-Butylbenzene	260	ug/L	Notification Level
Non-Halogenated VOCs	Styrene	100	ug/L	Primary MCL
Non-Halogenated VOCs	tert-Butylbenzene	260	ug/L	Notification Level
Non-Halogenated VOCs	Toluene	150	ug/L	Cal MCL
Non-Halogenated VOCs	Vinyl acetate	88	ug/L	Taste/Odor
Non-Halogenated VOCs	Xylenes, Total	1750	ug/L	Cal MCL
Halogenated Benzenes	1,2,3-Trichlorobenzene	2.1	ug/L	SWGW RBSL
Halogenated Benzenes	1,2,4-Trichlorobenzene	5	ug/L	Cal MCL
Halogenated Benzenes	1,2-Dichlorobenzene	600	ug/L	Primary MCL
Halogenated Benzenes	1,3-Dichlorobenzene	600	ug/L	Archived Advisory Level
Halogenated Benzenes	1,4-Dichlorobenzene	5	ug/L	Cal MCL
Halogenated Benzenes	Chlorobenzene	70	ug/L	Cal MCL
Halogenated Propene/Propanes	1,2,3-Trichloropropane	0.005	ug/L	Notification Level
Halogenated Propene/Propanes	1,2-Dibromo-3-chloropropane	0.2	ug/L	Primary MCL
Halogenated Propene/Propanes	1,2-Dichloropropane	5	ug/L	Primary MCL
Halogenated Propene/Propanes	1,3-Dichloropropane	130	ug/L	SWGW RBSL
Halogenated Propene/Propanes	1,3-Dichloropropene	0.5	ug/L	Cal MCL
Halogenated Propene/Propanes	Allyl chloride	8.9	ug/L	Taste/Odor
Halogenated Propene/Propanes	cis-1,3-Dichloropropene	0.5	ug/L	Cal MCL
Halogenated Propene/Propanes	trans-1,3-Dichloropropene	0.81	ug/L	SWGW RBSL
Other Halogenated VOCs	o-Chlorotoluene	140	ug/L	Notification Level
Other Halogenated VOCs	p-Chlorotoluene	140	ug/L	Notification Level
1,4-Dioxane	1,4-Dioxane	1	ug/L	Notification Level
SVOC	Diphenyl ether	630	ug/L	SWGW RBSL
SVOC	p-Cresol	63	ug/L	SWGW RBSL
SVOC	p-Dinitrobenzene	1.3	ug/L	SWGW RBSL
SVOC	Diazinon	1.2	ug/L	Notification Level
SVOC	Diethyl phthalate	10000	ug/L	SWGW RBSL
SVOC	Ethylene glycol	14000	ug/L	Notification Level
SVOC	Hydrazine	160000	ug/L	Taste/Odor
SVOC	m-Cresol	37	ug/L	Taste/Odor
SVOC	o-Cresol	630	ug/L	SWGW RBSL
SVOC	1,2,3-Trichloropropene	0.005	ug/L	Notification Level
SVOC	1,3-Dinitrobenzene	1.3	ug/L	SWGW RBSL
SVOC	2,4,6-Trichlorophenol	2.1	ug/L	SWGW RBSL
SVOC	2,4,6-Trinitrotoluene	1	ug/L	Notification Level
SVOC	2,4-Dimethylphenol	100	ug/L	Archived Advisory Level
SVOC	2,6-Dinitrotoluene	0.22	ug/L	SWGW RBSL
SVOC	2-Chlorophenol	63	ug/L	SWGW RBSL
SVOC	3,3'-Dichlorobenzidine	0.12	ug/L	SWGW RBSL
SVOC	4,6-Dinitro-o-cresol	1.3	ug/L	SWGW RBSL
SVOC	Aniline	65000	ug/L	Taste/Odor
SVOC	Benzidine	0.0003	ug/L	SWGW RBSL
SVOC	Benzoic acid	50000	ug/L	SWGW RBSL
SVOC	bis(2-Chloroethoxy)methane	38	ug/L	SWGW RBSL
SVOC	bis(2-Chloroethyl) ether	360	ug/L	Taste/Odor
SVOC	bis(2-Ethylhexyl) phthalate	4	ug/L	Cal MCL
SVOC	Butyl benzyl phthalate	78	ug/L	SWGW RBSL
SVOC	Di-n-butyl phthalate	1300	ug/L	SWGW RBSL
SVOC	Di-n-octyl phthalate	500	ug/L	SWGW RBSL
SVOC	Dimethyl phthalate	130000	ug/L	SWGW RBSL

TABLE 9
GROUNDWATER SCREENING REFERENCE VALUES
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte Group	Chemical Analyte	Screening Value	Units	Screening Type
SVOC	Hexachlorobenzene	1	ug/L	Primary MCL
SVOC	Hexachlorocyclopentadiene	50	ug/L	Primary MCL
SVOC	Hexachloroethane	10	ug/L	Taste/Odor
SVOC	Isophorone	5400	ug/L	Taste/Odor
SVOC	Kepone	0.0093	ug/L	SWGW RBSL
SVOC	n-Nitrosodi-n-propylamine	0.01	ug/L	Notification Level
SVOC	n-Nitrosodiethylamine	0.01	ug/L	Notification Level
SVOC	n-Nitrosodiphenylamine	16	ug/L	SWGW RBSL
SVOC	Nitrobenzene	110	ug/L	Taste/Odor
SVOC	o-Toluidine	11000	ug/L	Taste/Odor
SVOC	Pentachloronitrobenzene	20	ug/L	Archived Advisory Level
SVOC	Pentachlorophenol	1	ug/L	Primary MCL
SVOC	Phenol	4200	ug/L	Archived Advisory Level
SVOC	Pyridine	950	ug/L	Taste/Odor
PAH	Benzo(a)pyrene TEQ [(b)]	0.0071	ug/L	TEQ
PAH	2-Methylnaphthalene	50	ug/L	SWGW RBSL
PAH	Anthracene	3800	ug/L	SWGW RBSL
PAH	Benzo(a)pyrene	0.2	ug/L	Primary MCL
PAH	Phenanthrene	3800	ug/L	SWGW RBSL
PAH	Pyrene	380	ug/L	SWGW RBSL
NDMA	n-Nitrosodimethylamine	0.01	ug/L	Notification Level
Perchlorate	Perchlorate	6	ug/L	Cal MCL
TPH	Fuel Hydrocarbons, C4-C12, as heavy Hydrocarbons	500	ug/L	SWGW RBSL
TPH	Fuel Hydrocarbons, C6-C14, as JP-4	1800	ug/L	SWGW RBSL
TPH	Fuel Hydrocarbons, C6-C15, as JP-4	1800	ug/L	SWGW RBSL
TPH	Fuel Hydrocarbons, C6-C16, as JP-4	1800	ug/L	SWGW RBSL
TPH	Fuel Hydrocarbons, C6-C16, C21-C24, as JP-4	1800	ug/L	SWGW RBSL
TPH	Fuel Hydrocarbons, C6-C7	500	ug/L	SWGW RBSL
TPH	Fuel Hydrocarbons, C7-C10, as gasoline	5	ug/L	Taste/Odor
TPH	Fuel Hydrocarbons, C7-C14, as JP-4	1800	ug/L	SWGW RBSL
TPH	Fuel Hydrocarbons, C7-C16, as JP-4	1800	ug/L	SWGW RBSL
TPH	Fuel Hydrocarbons, C8-C10, as gasoline	5	ug/L	Taste/Odor
TPH	Fuel Hydrocarbons, C8-C12, as heavy Hydrocarbons	1800	ug/L	SWGW RBSL
TPH	Fuel Hydrocarbons, C8-C14, as heavy Hydrocarbons	1800	ug/L	SWGW RBSL
TPH	Gasoline Range Organics (C4-C12)	5	ug/L	Taste/Odor
TPH	Gasoline Range Organics (C6-C14)	5	ug/L	Taste/Odor
TPH	Gasoline Range Organics (C7-C12)	5	ug/L	Taste/Odor
TPH	Diesel Range Organics	100	ug/L	Taste/Odor
TPH	Diesel Range Organics (C12-C14)	100	ug/L	Taste/Odor
TPH	Diesel Range Organics (C13-C22)	100	ug/L	Taste/Odor
TPH	Diesel Range Organics (C14-C20)	100	ug/L	Taste/Odor
TPH	Diesel Range Organics (C15-C20)	100	ug/L	Taste/Odor
TPH	Diesel Range Organics (C20-C30)	100	ug/L	Taste/Odor
TPH	Diesel Range Organics (C21-C24)	100	ug/L	Taste/Odor
TPH	Diesel Range Organics (C21-C30)	100	ug/L	Taste/Odor
TPH	Diesel Range Organics (C8-C11)	100	ug/L	Taste/Odor
TPH	Diesel Range Organics (C8-C30)	100	ug/L	Taste/Odor
TPH	Fuel Hydrocarbons, C6-C17, as JP-4	1800	ug/L	SWGW RBSL
TPH	Gasoline Range Organics (C8-C11)	1800	ug/L	SWGW RBSL
TPH	Jet Fuel 4 (C6-C13)	1800	ug/L	SWGW RBSL
TPH	Kerosene (C10-C12)	1800	ug/L	SWGW RBSL
TPH	Kerosene (C10-C14)	1800	ug/L	SWGW RBSL
TPH	Kerosene Range Organics (C11-C14)	1800	ug/L	SWGW RBSL
TPH	Total Petroleum Hydrocarbons (as Kerosene)	1800	ug/L	SWGW RBSL
TPH	Gasoline Range Organics	5	ug/L	Taste/Odor
TPH	Gasoline Range Organics (C6-C12)	5	ug/L	Taste/Odor
PCB	Aroclor 1016	0.5	ug/L	Primary MCL
PCB	Polychlorinated biphenyls	0.5	ug/L	Primary MCL
PCB	Aroclor 1254	0.5	ug/L	Primary MCL
PCB	Aroclor 1260	0.5	ug/L	Primary MCL
PCB	Aroclor 1221	0.5	ug/L	Primary MCL
PCB	Aroclor 1232	0.5	ug/L	Primary MCL
PCB	Aroclor 1242	0.5	ug/L	Primary MCL
PCB	Aroclor 1248	0.5	ug/L	Primary MCL

TABLE 9
GROUNDWATER SCREENING REFERENCE VALUES
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte Group	Chemical Analyte	Screening Value	Units	Screening Type
Herbicides	2,4-Dichlorophenoxyacetic Acid (2,4-D)	130	ug/L	SWGW RBSL
Herbicides	2,4,5-T	130	ug/L	SWGW RBSL
Herbicides	Dinoseb	7	ug/L	Primary MCL
Herbicides	Propachlor	90	ug/L	Notification Level
Pesticides	Endosulfan I	75	ug/L	SWGW RBSL
Pesticides	Endosulfan II	75	ug/L	SWGW RBSL
Pesticides	gamma-BHC	0.2	ug/L	Primary MCL
Pesticides	Methyl parathion	2	ug/L	Archived Advisory Level
Pesticides	p,p'-Methoxychlor	30	ug/L	Cal MCL
Pesticides	Parathion	40	ug/L	Archived Advisory Level
Pesticides	Endosulfan sulfate	75	ug/L	SWGW RBSL
Pesticides	4,4'-DDE	0.44	ug/L	SWGW RBSL
Pesticides	Aldrin	0.002	ug/L	Archived Advisory Level
Pesticides	alpha-BHC	0.015	ug/L	Archived Advisory Level
Pesticides	beta-BHC	0.025	ug/L	Archived Advisory Level
Pesticides	Chlordane	0.1	ug/L	Cal MCL
Pesticides	Dieldrin	0.002	ug/L	Archived Advisory Level
Pesticides	Dimethoate	1	ug/L	Archived Advisory Level
Pesticides	4,4'-DDD	0.62	ug/L	SWGW RBSL
Pesticides	Toxaphene	3	ug/L	Primary MCL
Pesticides	Endrin	2	ug/L	Primary MCL
Pesticides	Heptachlor	0.01	ug/L	Cal MCL
Pesticides	Heptachlor epoxide	0.01	ug/L	Cal MCL
Dioxins/Furans	2,3,7,8-TCDD TEQ [(c)]	0.00000037	ug/L	TEQ
Dioxins/Furans	2,3,7,8-TCDD	0.00003	ug/L	Primary MCL
Metals	Aluminum, Dissolved	13000	ug/L	SWGW RBSL
Metals	Boron, Dissolved	340	ug/L	SSFL Comparison
Metals	Tin, Dissolved	2.4	ug/L	SSFL Comparison
Metals	Antimony, Dissolved	2.5	ug/L	SSFL Comparison
Metals	Arsenic, Dissolved	7.7	ug/L	SSFL Comparison
Metals	Barium, Dissolved	150	ug/L	SSFL Comparison
Metals	Beryllium, Dissolved	0.14	ug/L	SSFL Comparison
Metals	Cadmium, Dissolved	0.2	ug/L	SSFL Comparison
Metals	Chromium, Dissolved	14	ug/L	SSFL Comparison
Metals	Cobalt, Dissolved	1.9	ug/L	SSFL Comparison
Metals	Copper, Dissolved	4.7	ug/L	SSFL Comparison
Metals	Hexavalent Chromium, Dissolved	38	ug/L	SWGW RBSL
Metals	Iron, Dissolved	4100	ug/L	SSFL Comparison
Metals	Lead, Dissolved	11	ug/L	SSFL Comparison
Metals	Magnesium, Dissolved	77000	ug/L	SSFL Comparison
Metals	Manganese, Dissolved	150	ug/L	SSFL Comparison
Metals	Mercury, Dissolved	0.063	ug/L	SSFL Comparison
Metals	Molybdenum, Dissolved	2.2	ug/L	SSFL Comparison
Metals	Nickel, Dissolved	17	ug/L	SSFL Comparison
Metals	Potassium, Dissolved	9600	ug/L	SSFL Comparison
Metals	Selenium, Dissolved	1.6	ug/L	SSFL Comparison
Metals	Silver, Dissolved	0.17	ug/L	SSFL Comparison
Metals	Sodium, Dissolved	190000	ug/L	SSFL Comparison
Metals	Strontium, Dissolved	800	ug/L	SSFL Comparison
Metals	Thallium, Dissolved	0.13	ug/L	SSFL Comparison
Metals	Vanadium, Dissolved	2.6	ug/L	SSFL Comparison
Metals	Zinc, Dissolved	6300	ug/L	SSFL Comparison
Metals	Aluminum	200	ug/L	Secondary MCL
Metals	Antimony	2.5	ug/L	SSFL Comparison
Metals	Arsenic	7.7	ug/L	SSFL Comparison
Metals	Barium	150	ug/L	SSFL Comparison
Metals	Beryllium	0.14	ug/L	SSFL Comparison
Metals	Boron	340	ug/L	SSFL Comparison
Metals	Cadmium	0.2	ug/L	SSFL Comparison
Metals	Chromium	14	ug/L	SSFL Comparison
Metals	Cobalt	1.9	ug/L	SSFL Comparison
Metals	Copper	4.7	ug/L	SSFL Comparison
Metals	Hexavalent Chromium	14	ug/L	SSFL Comparison
Metals	Iron	4100	ug/L	SSFL Comparison
Metals	Lead	11	ug/L	SSFL Comparison

TABLE 9
GROUNDWATER SCREENING REFERENCE VALUES
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte Group	Chemical Analyte	Screening Value	Units	Screening Type
Metals	Magnesium	77000	ug/L	SSFL Comparison
Metals	Manganese	150	ug/L	SSFL Comparison
Metals	Mercury	0.063	ug/L	SSFL Comparison
Metals	Molybdenum	2.2	ug/L	SSFL Comparison
Metals	Nickel	17	ug/L	SSFL Comparison
Metals	Potassium	9600	ug/L	SSFL Comparison
Metals	Selenium	1.6	ug/L	SSFL Comparison
Metals	Silver	0.17	ug/L	SSFL Comparison
Metals	Sodium	190000	ug/L	SSFL Comparison
Metals	Strontium	800	ug/L	SSFL Comparison
Metals	Thallium	0.13	ug/L	SSFL Comparison
Metals	Tin	2.4	ug/L	SSFL Comparison
Metals	Vanadium	2.6	ug/L	SSFL Comparison
Metals	Zinc	6300	ug/L	SSFL Comparison
Inorganics	Chlorine	4000	ug/L	Primary MCL
Inorganics	Nitrate-NO3	45000	ug/L	Cal MCL
Inorganics	Chloride	250000	ug/L	Secondary MCL
Inorganics	Chlorate	0.8	ug/L	Notification Level
Inorganics	Cyanides	150	ug/L	Cal MCL
Inorganics	Fluoride	800	ug/L	SSFL Comparison
Inorganics	HMX	350	ug/L	Notification Level
Inorganics	Nitrate-N	10000	ug/L	Primary MCL
Inorganics	Nitrite-N	1000	ug/L	Primary MCL
Inorganics	RDX	0.3	ug/L	Notification Level
Inorganics	Sulfate	376000	ug/L	SSFL Comparison
Inorganics	Total Dissolved Solids	500000	ug/L	Recommended SMCL
Inorganics	Total Dissolved Solids	1000000	ug/L	Upper SMCL
Inorganics	Total Dissolved Solids	1500000	ug/L	Short-Term SMCL
General Parameters	Formic Acid	1700000	ug/L	Taste/Odor
General Parameters	Turbidity	5	NTU	Secondary MCL
General Parameters	Specific conductivity	900	umhos/cm	Recommended SMCL
General Parameters	Specific conductivity	1600	umhos/cm	Upper SMCL
General Parameters	Specific conductivity	2200	umhos/cm	Short-Term SMCL

NOTES AND ABBREVIATIONS

RadChem - radiological chemical
VOCs - volatile organic compounds
SVOC - semi volatile organic compound
PAH - polycyclic aromatic hydrocarbon
NDMA - n-Nitrosodimethylamine
TPH - total petroleum hydrocarbons
PCB - polychlorinated biphenyl

Primary MCL - Primary Maximum Contaminant Level
Cal MCL - California Primary Maximum Contaminant Level
Secondary MCL - Secondary Maximum Contaminant Level
SMCL - Secondary Maximum Contaminant Level
Taste/Odor - Taste/Odor Threshold
SSFL Comparison - site-specific values for metals developed by DTSC
SWGW RBSL - Site-Wide Groundwater Risk-Based Screening Level
TEQ - toxicity equivalency quotient

ug/L - micrograms per liter
pCi/L - picocuries per liter
mrem/yr - millirem per year
NTU - nephelometric turbidity units

(a) - isoptope-specific MCL based on 4 mrem/yr limit

(b) - Benzo(a)pyrene TEQ includes the seven generally recognized carcinogenic PAHS: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-,cd)pyrene.
(c) - 2,3,7,8-TCDD TEQ includes all dioxin and furan congeners that are chlorinated in all four of the 2, 3, 7, and 8 positions.

TABLE 10
FIRST-TIME DETECTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-wide	LUFT	SMOU RFI	Area IV
1,1,2-Trichloroethane	PZ-154	2011 Q3	Primary Sample	4.4	5	ug/L	Primary MCL	Shallow									X	
	RS-18	2011 Q3	Primary Sample	0.71 J	5	ug/L	Primary MCL	Shallow							X			
1,1-Dichloroethane	PZ-154	2011 Q3	Primary Sample	3	5	ug/L	Cal MCL	Shallow									X	
1,1-Dichloroethene	HAR-02	2011 Q2	Primary Sample	0.23 J	6	ug/L	Cal MCL	Shallow		X	X		X					
	PZ-149	2011 Q2	Primary Sample	0.26 J	6	ug/L	Cal MCL	Shallow									X	
1,1-Dimethylhydrazine	HAR-12	2011 Q3	Primary Sample	5.9 J	--	ug/L	--	Shallow		X	X							
	RD-48B	2011 Q3	Primary Sample	7.7 J	--	ug/L	--	Chatsworth			X				X			
	RD-104	2011 Q3	Primary Sample	1.5 J	--	ug/L	--	Chatsworth		X	X		X					
1,2,3,4,6,7,8-Heptachlorodibenzofuran	HAR-02 *	2011 Q2	Primary Sample	2.7 J	--	pg/L	--	Shallow		X	X		X					
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	HAR-02 *	2011 Q2	Primary Sample	6.2 J	--	pg/L	--	Shallow		X	X		X					
	RS-34	2011 Q3	Field Duplicate	1.8 J	--	pg/L	--	Shallow		X	X		X					
	SH-03	2011 Q2	Primary Sample	28 J	--	pg/L	--	Shallow		X	X		X					
	SH-09	2011 Q2	Primary Sample	4.2 J	--	pg/L	--	Shallow		X	X							
1,2,3,4,7,8,9-Heptachlorodibenzofuran	PZ-144	2011 Q2	Primary Sample	1.9 J	--	pg/L	--	Shallow									X	
	RS-34	2011 Q3	Split Sample	0.6 J	--	pg/L	--	Shallow		X	X		X					
1,2,3,4,7,8-Hexachlorodibenzofuran	RS-34	2011 Q3	Split Sample	0.63 J	--	pg/L	--	Shallow		X	X		X					
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	RS-34	2011 Q3	Split Sample	0.48 J	--	pg/L	--	Shallow		X	X		X					
1,2,3,6,7,8-Hexachlorodibenzofuran	RS-34	2011 Q3	Split Sample	0.69 J	--	pg/L	--	Shallow		X	X		X					
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	RS-34	2011 Q3	Split Sample	0.76 J	--	pg/L	--	Shallow		X	X		X					
1,2,3,7,8,9-Hexachlorodibenzofuran	PZ-139	2011 Q3	Split Sample	2.5 J	--	pg/L	--	Shallow									X	
	RS-34	2011 Q3	Split Sample	0.44 J	--	pg/L	--	Shallow		X	X		X					
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	RS-34	2011 Q3	Split Sample	0.61 J	--	pg/L	--	Shallow		X	X		X					
1,2,3,7,8-Pentachlorodibenzofuran	RS-34	2011 Q3	Split Sample	0.78 J	--	pg/L	--	Shallow		X	X		X					
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	RS-34	2011 Q3	Split Sample	0.73 J	--	pg/L	--	Shallow		X	X		X					
1,4-Dioxane	ES-01	2011 Q3	Primary Sample	**1.2 J**	1	ug/L	Notification Level	Shallow							X			
	ES-17	2011 Q2	Primary Sample	0.75 J	1	ug/L	Notification Level	Shallow		X	X		X					
	HAR-09	2011 Q3	Primary Sample	**1.3 J**	1	ug/L	Notification Level	Shallow		X	X		X					
	HAR-19	2011 Q3	Primary Sample	0.71 J	1	ug/L	Notification Level	Chatsworth		X	X							
	HAR-19	2011 Q3	Field Duplicate	0.74 J	1	ug/L	Notification Level	Chatsworth		X	X							
	HAR-33	2011 Q1	Primary Sample	**1.1 J**	1	ug/L	Notification Level	Shallow			X							
	PZ-035	2011 Q2	Primary Sample	**1.1 J**	1	ug/L	Notification Level	Shallow			X							
	PZ-146 *	2011 Q2	Primary Sample	0.93 J	1	ug/L	Notification Level	Shallow									X	
	PZ-154	2011 Q1	Primary Sample	**11**	1	ug/L	Notification Level	Shallow									X	
	RD-06	2011 Q3	Primary Sample	0.71 J	1	ug/L	Notification Level	Chatsworth			X				X			
	RD-104	2011 Q3	Primary Sample	**1.4 J**	1	ug/L	Notification Level	Chatsworth		X	X		X					
	RD-12	2011 Q2	Primary Sample	**1.1 J**	1	ug/L	Notification Level	Chatsworth			X							
	RD-34A	2011 Q3	Primary Sample	0.81 J	1	ug/L	Notification Level	Chatsworth							X			
	RD-35A	2011 Q3	Primary Sample	**2.2**	1	ug/L	Notification Level	Chatsworth							X			
	RD-39A	2011 Q1	Primary Sample	**3.2**	1	ug/L	Notification Level	Chatsworth			X				X			
	RD-63	2011 Q3	Primary Sample	**1.2 J**	1	ug/L	Notification Level	Chatsworth							X			
	RD-78	2011 Q1	Primary Sample	**11**	1	ug/L	Notification Level	Chatsworth							X			
	RD-85	2011 Q1	Primary Sample	0.8 J	1	ug/L	Notification Level	Chatsworth							X			
1-Methyl naphthalene	PZ-148 *	2011 Q2	Primary Sample	0.0055 J	--	ug/L	--	Shallow									X	
	PZ-149 *	2011 Q1	Primary Sample	0.0064 J	--	ug/L	--	Shallow									X	
2,3,4,6,7,8-Hexachlorodibenzofuran	HAR-33	2011 Q3	Split Sample	0.73 J	--	pg/L	--	Shallow			X							
	RS-34	2011 Q3	Split Sample	0.58 J	--	pg/L	--	Shallow		X	X		X					
2,3,4,7,8-Pentachlorodibenzofuran	RS-34	2011 Q3	Split Sample	0.42 J	--	pg/L	--	Shallow		X	X		X					

TABLE 10
FIRST-TIME DETECTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-wide	LUFT	SMOU RFI	Area IV
2,4-Dichlorophenoxyacetic Acid (2,4-D)	HAR-01	2011 Q2	Primary Sample	0.36 J	130	ug/L	SWGW RBSL	Chatsworth			X							
	HAR-16	2011 Q2	Field Duplicate	0.27 J	130	ug/L	SWGW RBSL	Chatsworth		X	X		X					
	HAR-25 *	2011 Q2	Primary Sample	0.36 J	130	ug/L	SWGW RBSL	Chatsworth			X							
	SH-09	2011 Q2	Primary Sample	0.82 J	130	ug/L	SWGW RBSL	Shallow		X	X							
2-Hexanone	PZ-144	2011 Q1	Primary Sample	4.2 J	250	ug/L	Taste/Odor	Shallow									X	
	PZ-146 *	2011 Q2	Primary Sample	16 J	250	ug/L	Taste/Odor	Shallow									X	
2-Methylnaphthalene	PZ-139	2011 Q1	Primary Sample	0.0062 J	50	ug/L	SWGW RBSL	Shallow									X	
	PZ-140	2011 Q3	Field Duplicate	0.0054 J	50	ug/L	SWGW RBSL	Shallow									X	
	PZ-141	2011 Q1	Primary Sample	0.0051 J	50	ug/L	SWGW RBSL	Shallow									X	
	PZ-144 *	2011 Q1	Primary Sample	0.0054 J	50	ug/L	SWGW RBSL	Shallow									X	
	PZ-147	2011 Q3	Primary Sample	0.0053 J	50	ug/L	SWGW RBSL	Shallow									X	
	PZ-148 *	2011 Q2	Primary Sample	0.0084 J	50	ug/L	SWGW RBSL	Shallow									X	
	PZ-159	2011 Q3	Primary Sample	0.0053 J	50	ug/L	SWGW RBSL	Shallow									X	
Acetone	HAR-02	2011 Q2	Primary Sample	3.5 J	20000	ug/L	Taste/Odor	Shallow		X	X		X					
	HAR-31	2011 Q2	Primary Sample	2.1 J	20000	ug/L	Taste/Odor	Shallow	X									
	PZ-146 *	2011 Q2	Primary Sample	1000	20000	ug/L	Taste/Odor	Shallow									X	
	RD-08	2011 Q3	Primary Sample	4.6 J	20000	ug/L	Taste/Odor	Chatsworth			X							
	RD-14	2011 Q3	Primary Sample	3.4 J	20000	ug/L	Taste/Odor	Chatsworth							X			
	RD-86	2011 Q3	Primary Sample	2.4 J	20000	ug/L	Taste/Odor	Chatsworth							X			
	SH-02	2011 Q3	Primary Sample	380 J	20000	ug/L	Taste/Odor	Shallow		X								
Aluminum, Dissolved	PZ-158	2011 Q1	Primary Sample	0.35	13	mg/L	SWGW RBSL	Shallow									X	
	PZ-159	2011 Q1	Primary Sample	2.5 J	13	mg/L	SWGW RBSL	Shallow									X	
	RS-29 *	2011 Q2	Primary Sample	0.021 J	13	mg/L	SWGW RBSL	Shallow									X	
Ammonia-N	HAR-23	2011 Q2	Primary Sample	0.056 J	--	mg/L	--	Chatsworth			X							
	HAR-28	2011 Q2	Primary Sample	0.076 J	--	mg/L	--	Shallow		X	X							
	RD-05A	2011 Q1	Primary Sample	0.076 J	--	mg/L	--	Chatsworth			X							
	RD-104 *	2011 Q2	Primary Sample	0.093 J	--	mg/L	--	Chatsworth		X	X		X					
	RD-46A	2011 Q2	Primary Sample	0.057 J	--	mg/L	--	Chatsworth			X							
Antimony	ES-17	2011 Q2	Primary Sample	0.00016 J	0.0025	mg/L	SSFL Comparison	Shallow		X	X		X					
	ES-27	2011 Q2	Primary Sample	0.00012 J	0.0025	mg/L	SSFL Comparison	Shallow			X							
	HAR-02 *	2011 Q2	Primary Sample	0.00017 J	0.0025	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-03	2011 Q2	Primary Sample	0.000098 J	0.0025	mg/L	SSFL Comparison	Shallow			X							
	HAR-12	2011 Q2	Primary Sample	0.00007 J	0.0025	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-19	2011 Q2	Primary Sample	0.00014 J	0.0025	mg/L	SSFL Comparison	Chatsworth		X	X							
	HAR-21	2011 Q2	Primary Sample	0.0001 J	0.0025	mg/L	SSFL Comparison	Chatsworth			X							
	HAR-27	2011 Q2	Primary Sample	0.000095 J	0.0025	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-28	2011 Q2	Primary Sample	0.00023 J	0.0025	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-29	2011 Q2	Primary Sample	0.00024 J	0.0025	mg/L	SSFL Comparison	Shallow		X	X							
	PZ-041	2011 Q1	Primary Sample	0.00024 J	0.0025	mg/L	SSFL Comparison	Shallow									X	
	PZ-108 *	2011 Q3	Primary Sample	0.00022 J	0.0025	mg/L	SSFL Comparison	Shallow							X			
	RD-104 *	2011 Q2	Primary Sample	0.00019 J	0.0025	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-11	2011 Q2	Primary Sample	0.000085 J	0.0025	mg/L	SSFL Comparison	Chatsworth			X							
	RD-13 *	2011 Q1	Primary Sample	0.00023 J	0.0025	mg/L	SSFL Comparison	Chatsworth									X	
	RD-18 *	2011 Q3	Primary Sample	0.00021 J	0.0025	mg/L	SSFL Comparison	Chatsworth							X			
	RD-33A (Port 2) *	2011 Q3	Primary Sample	0.00023 J	0.0025	mg/L	SSFL Comparison	Chatsworth							X			
	RD-33C *	2011 Q3	Primary Sample	0.00015 J	0.0025	mg/L	SSFL Comparison	Chatsworth							X			
	RD-50 (Port 2) *	2011 Q3	Primary Sample	0.00039 J	0.0025	mg/L	SSFL Comparison	Chatsworth							X			

TABLE 10
FIRST-TIME DETECTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-wide	LUFT	SMOU RFI	Area IV
Antimony	RD-50 (Port 2) *	2011 Q3	Split Sample	0.00068 J	0.0025	mg/L	SSFL Comparison	Chatsworth							X			
	RD-57 (Port 7) *	2011 Q3	Primary Sample	0.00018 J	0.0025	mg/L	SSFL Comparison	#N/A							X			
	RD-58A *	2011 Q1	Primary Sample	0.00016 J	0.0025	mg/L	SSFL Comparison	Chatsworth									X	
	RD-85 *	2011 Q3	Primary Sample	0.000082 J	0.0025	mg/L	SSFL Comparison	Chatsworth							X			
	RD-85 *	2011 Q3	Field Duplicate	0.00009 J	0.0025	mg/L	SSFL Comparison	Chatsworth							X			
	RS-18 *	2011 Q3	Primary Sample	0.00012 J	0.0025	mg/L	SSFL Comparison	Shallow							X			
	RS-34	2011 Q2	Primary Sample	0.00014 J	0.0025	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-03	2011 Q2	Primary Sample	0.00018 J	0.0025	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-09	2011 Q2	Primary Sample	0.00014 J	0.0025	mg/L	SSFL Comparison	Shallow		X	X							
	SH-11	2011 Q2	Primary Sample	0.00016 J	0.0025	mg/L	SSFL Comparison	Shallow			X							
Antimony, Dissolved	ES-17	2011 Q2	Primary Sample	0.00018 J	0.0025	mg/L	SSFL Comparison	Shallow		X	X		X					
	ES-27	2011 Q2	Primary Sample	0.00012 J	0.0025	mg/L	SSFL Comparison	Shallow			X							
	HAR-01	2011 Q2	Primary Sample	0.00007 J	0.0025	mg/L	SSFL Comparison	Chatsworth			X							
	HAR-02 *	2011 Q2	Primary Sample	0.00015 J	0.0025	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-03	2011 Q2	Primary Sample	0.00014 J	0.0025	mg/L	SSFL Comparison	Shallow			X							
	HAR-26	2011 Q2	Primary Sample	0.000094 J	0.0025	mg/L	SSFL Comparison	Chatsworth			X							
	HAR-28	2011 Q2	Primary Sample	0.00024 J	0.0025	mg/L	SSFL Comparison	Shallow		X	X							
	PZ-035	2011 Q2	Primary Sample	0.000079 J	0.0025	mg/L	SSFL Comparison	Shallow			X							
	PZ-041 *	2011 Q1	Primary Sample	0.00023 J	0.0025	mg/L	SSFL Comparison	Shallow									X	
	PZ-108 *	2011 Q3	Primary Sample	0.00021 J	0.0025	mg/L	SSFL Comparison	Shallow							X			
	RD-104 *	2011 Q2	Primary Sample	0.0001 J	0.0025	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-11	2011 Q2	Primary Sample	0.00016 J	0.0025	mg/L	SSFL Comparison	Chatsworth			X							
	RD-12	2011 Q2	Primary Sample	0.000074 J	0.0025	mg/L	SSFL Comparison	Chatsworth			X							
	RD-13	2011 Q1	Primary Sample	0.00028 J	0.0025	mg/L	SSFL Comparison	Chatsworth									X	
	SH-03	2011 Q2	Primary Sample	0.00018 J	0.0025	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-09	2011 Q2	Primary Sample	0.00019 J	0.0025	mg/L	SSFL Comparison	Shallow		X	X							
	SH-11	2011 Q2	Primary Sample	0.00021 J	0.0025	mg/L	SSFL Comparison	Shallow			X							
Arsenic	ES-27	2011 Q2	Primary Sample	0.00079 J	0.0077	mg/L	SSFL Comparison	Shallow			X							
	HAR-02 *	2011 Q2	Primary Sample	0.00067 J	0.0077	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-25 *	2011 Q2	Primary Sample	0.00097 J	0.0077	mg/L	SSFL Comparison	Chatsworth			X							
	HAR-32 *	2011 Q2	Primary Sample	0.0005 J	0.0077	mg/L	SSFL Comparison	Shallow			X							
	PZ-035	2011 Q2	Primary Sample	0.0013 J	0.0077	mg/L	SSFL Comparison	Shallow			X							
	PZ-041	2011 Q1	Primary Sample	0.0019 J	0.0077	mg/L	SSFL Comparison	Shallow									X	
	PZ-108 *	2011 Q3	Primary Sample	0.0015 J	0.0077	mg/L	SSFL Comparison	Shallow							X			
	RD-104 *	2011 Q2	Primary Sample	0.0009 J	0.0077	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-13 *	2011 Q1	Primary Sample	0.0014 J	0.0077	mg/L	SSFL Comparison	Chatsworth									X	
	RD-18 *	2011 Q3	Primary Sample	0.0011 J	0.0077	mg/L	SSFL Comparison	Chatsworth							X			
	RD-19 *	2011 Q3	Primary Sample	0.0003 J	0.0077	mg/L	SSFL Comparison	Chatsworth							X			
	RD-33A (Port 2) *	2011 Q3	Primary Sample	0.0011 J	0.0077	mg/L	SSFL Comparison	Chatsworth							X			
	RD-50 (Port 2) *	2011 Q3	Primary Sample	**0.011**	0.0077	mg/L	SSFL Comparison	Chatsworth							X			
	RD-50 (Port 2) *	2011 Q3	Split Sample	**0.01**	0.0077	mg/L	SSFL Comparison	Chatsworth							X			
	RD-54A (Port 2) *	2011 Q3	Primary Sample	0.0023 J	0.0077	mg/L	SSFL Comparison	Chatsworth							X			
	RD-57 (Port 7) *	2011 Q3	Primary Sample	0.0038 J	0.0077	mg/L	SSFL Comparison	#N/A							X			
	RD-59A *	2011 Q3	Primary Sample	0.0009 J	0.0077	mg/L	SSFL Comparison	Chatsworth							X			
	RD-85 *	2011 Q3	Primary Sample	0.00043 J	0.0077	mg/L	SSFL Comparison	Chatsworth							X			
	RD-85 *	2011 Q3	Field Duplicate	0.00042 J	0.0077	mg/L	SSFL Comparison	Chatsworth							X			
	RS-18 *	2011 Q3	Primary Sample	0.00067 J	0.0077	mg/L	SSFL Comparison	Shallow							X			

TABLE 10
FIRST-TIME DETECTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-wide	LUFT	SMOU RFI	Area IV
Arsenic, Dissolved	ES-27	2011 Q2	Primary Sample	0.00091 J	0.0077	mg/L	SSFL Comparison	Shallow			X							
	HAR-02 *	2011 Q2	Primary Sample	0.00073 J	0.0077	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-21	2011 Q2	Primary Sample	0.00075 J	0.0077	mg/L	SSFL Comparison	Chatsworth			X							
	PZ-035	2011 Q2	Primary Sample	0.0013 J	0.0077	mg/L	SSFL Comparison	Shallow			X							
	PZ-041 *	2011 Q1	Primary Sample	0.0012 J	0.0077	mg/L	SSFL Comparison	Shallow									X	
	PZ-108 *	2011 Q3	Primary Sample	0.0016 J	0.0077	mg/L	SSFL Comparison	Shallow							X			
	PZ-129 *	2011 Q1	Primary Sample	0.00064 J	0.0077	mg/L	SSFL Comparison	Shallow									X	
	PZ-144 *	2011 Q1	Primary Sample	0.0047 J	0.0077	mg/L	SSFL Comparison	Shallow									X	
	PZ-146 *	2011 Q2	Primary Sample	**0.029**	0.0077	mg/L	SSFL Comparison	Shallow									X	
	PZ-147 *	2011 Q2	Primary Sample	0.0004 J	0.0077	mg/L	SSFL Comparison	Shallow									X	
	PZ-148 *	2011 Q2	Primary Sample	0.00071 J	0.0077	mg/L	SSFL Comparison	Shallow									X	
	PZ-149 *	2011 Q2	Primary Sample	0.00089 J	0.0077	mg/L	SSFL Comparison	Shallow									X	
	PZ-152 *	2011 Q2	Primary Sample	0.0022 J	0.0077	mg/L	SSFL Comparison	Shallow									X	
	PZ-154 *	2011 Q1	Primary Sample	0.002 J	0.0077	mg/L	SSFL Comparison	Shallow									X	
	PZ-157 *	2011 Q3	Primary Sample	0.0025 J	0.0077	mg/L	SSFL Comparison	Shallow									X	
	RD-104 *	2011 Q2	Primary Sample	0.00021 J	0.0077	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-13	2011 Q1	Primary Sample	0.0014 J	0.0077	mg/L	SSFL Comparison	Chatsworth									X	
	RD-19	2011 Q3	Primary Sample	0.00036 J	0.0077	mg/L	SSFL Comparison	Chatsworth							X			
	RS-29 *	2011 Q2	Primary Sample	0.0021 J	0.0077	mg/L	SSFL Comparison	Shallow									X	
Barium	HAR-02 *	2011 Q2	Primary Sample	0.038	0.15	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-25 *	2011 Q2	Primary Sample	0.012	0.15	mg/L	SSFL Comparison	Chatsworth			X							
	HAR-32 *	2011 Q2	Primary Sample	0.028	0.15	mg/L	SSFL Comparison	Shallow			X							
	PZ-108 *	2011 Q3	Primary Sample	0.016	0.15	mg/L	SSFL Comparison	Shallow							X			
	RD-104 *	2011 Q2	Primary Sample	0.064	0.15	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-13 *	2011 Q1	Primary Sample	0.048	0.15	mg/L	SSFL Comparison	Chatsworth									X	
	RD-18 *	2011 Q3	Primary Sample	0.066	0.15	mg/L	SSFL Comparison	Chatsworth							X			
	RD-19 *	2011 Q3	Primary Sample	0.079	0.15	mg/L	SSFL Comparison	Chatsworth							X			
	RD-33A (Port 2) *	2011 Q3	Primary Sample	0.054	0.15	mg/L	SSFL Comparison	Chatsworth							X			
	RD-33B *	2011 Q3	Primary Sample	0.11	0.15	mg/L	SSFL Comparison	Chatsworth							X			
	RD-33C *	2011 Q3	Primary Sample	0.045	0.15	mg/L	SSFL Comparison	Chatsworth							X			
	RD-34C *	2011 Q3	Primary Sample	0.069	0.15	mg/L	SSFL Comparison	Chatsworth							X			
	RD-50 (Port 2) *	2011 Q3	Primary Sample	0.051	0.15	mg/L	SSFL Comparison	Chatsworth							X			
	RD-50 (Port 2) *	2011 Q3	Split Sample	0.05	0.15	mg/L	SSFL Comparison	Chatsworth							X			
	RD-54A (Port 2) *	2011 Q3	Primary Sample	0.045	0.15	mg/L	SSFL Comparison	Chatsworth							X			
	RD-57 (Port 7) *	2011 Q3	Primary Sample	0.044	0.15	mg/L	SSFL Comparison	#N/A							X			
	RD-58A *	2011 Q1	Primary Sample	0.07	0.15	mg/L	SSFL Comparison	Chatsworth									X	
	RD-58A *	2011 Q1	Split Sample	0.061	0.15	mg/L	SSFL Comparison	Chatsworth									X	
	RD-59A *	2011 Q3	Primary Sample	0.067	0.15	mg/L	SSFL Comparison	Chatsworth							X			
	RD-59B *	2011 Q3	Primary Sample	0.044	0.15	mg/L	SSFL Comparison	Chatsworth							X			
	RD-59C *	2011 Q3	Primary Sample	0.053	0.15	mg/L	SSFL Comparison	Chatsworth							X			
	RD-63 *	2011 Q3	Primary Sample	0.059	0.15	mg/L	SSFL Comparison	Chatsworth							X			
	RD-85 *	2011 Q3	Primary Sample	0.039	0.15	mg/L	SSFL Comparison	Chatsworth							X			
	RD-85 *	2011 Q3	Field Duplicate	0.039	0.15	mg/L	SSFL Comparison	Chatsworth							X			
	RS-18 *	2011 Q3	Primary Sample	0.11	0.15	mg/L	SSFL Comparison	Shallow							X			
Barium, Dissolved	HAR-02 *	2011 Q2	Primary Sample	0.038	0.15	mg/L	SSFL Comparison	Shallow		X	X		X					
	PZ-041 *	2011 Q1	Primary Sample	0.034	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-108 *	2011 Q3	Primary Sample	0.016	0.15	mg/L	SSFL Comparison	Shallow							X			

TABLE 10
FIRST-TIME DETECTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier		Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
										Regulated Unit PCP								Other	
										Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-wide	LUFT	SMOU RFI	Area IV
Barium, Dissolved	PZ-129	*	2011 Q1	Primary Sample	0.011	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-144	*	2011 Q1	Primary Sample	0.0068	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-146	*	2011 Q2	Primary Sample	0.0075	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-147	*	2011 Q2	Primary Sample	0.035	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-148	*	2011 Q2	Primary Sample	0.032	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-149	*	2011 Q2	Primary Sample	0.047	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-152	*	2011 Q2	Primary Sample	0.01	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-154	*	2011 Q1	Primary Sample	0.03	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-157	*	2011 Q3	Primary Sample	0.0081	0.15	mg/L	SSFL Comparison	Shallow									X	
	RD-104	*	2011 Q2	Primary Sample	0.047	0.15	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RS-13		2011 Q2	Primary Sample	0.033	0.15	mg/L	SSFL Comparison	Shallow			X						X	
	RS-29	*	2011 Q2	Primary Sample	**0.18**	0.15	mg/L	SSFL Comparison	Shallow									X	
Barium-133, Particulate	RD-85		2011 Q3	Field Duplicate	2.167 J ± 1.55	1520	pCi/L	Primary MCL (a)	Chatsworth							X			
Benzene	PZ-140		2011 Q2	Primary Sample	0.36 J	1	ug/L	Cal MCL	Shallow									X	
	PZ-140		2011 Q2	Split Sample	0.34 J	1	ug/L	Cal MCL	Shallow									X	
	RS-18		2011 Q3	Primary Sample	0.77 J	1	ug/L	Cal MCL	Shallow							X			
Benzo(a)anthracene	PZ-144		2011 Q3	Primary Sample	0.0059 J	--	ug/L	--	Shallow									X	
	PZ-149		2011 Q2	Primary Sample	0.0036 J	--	ug/L	--	Shallow									X	
Benzo(ghi)perylene	HAR-02		2011 Q2	Primary Sample	1.8 J	--	ug/L	--	Shallow		X	X		X					
Benzoic acid	PZ-146		2011 Q3	Primary Sample	170	50000	ug/L	SWGW RBSL	Shallow									X	
Benzyl alcohol	HAR-14		2011 Q2	Primary Sample	0.23 J	--	ug/L	--	Shallow		X	X		X					
Beryllium, Dissolved	PZ-159		2011 Q1	Primary Sample	0.000088 J	0.00014	mg/L	SSFL Comparison	Shallow									X	
bis(2-Ethylhexyl) phthalate	ES-17		2011 Q2	Primary Sample	0.76 J	4	ug/L	Cal MCL	Shallow		X	X		X					
	ES-27		2011 Q2	Primary Sample	0.54 J	4	ug/L	Cal MCL	Shallow			X							
	HAR-02		2011 Q2	Primary Sample	0.9 J	4	ug/L	Cal MCL	Shallow		X	X		X					
	HAR-03		2011 Q2	Primary Sample	3.1 J	4	ug/L	Cal MCL	Shallow			X							
	HAR-04		2011 Q3	Primary Sample	1.8 J	4	ug/L	Cal MCL	Shallow			X							
	HAR-04		2011 Q3	Field Duplicate	1.9 J	4	ug/L	Cal MCL	Shallow			X							
	HAR-09		2011 Q3	Primary Sample	1.8 J	4	ug/L	Cal MCL	Shallow		X	X		X					
	PZ-140		2011 Q2	Primary Sample	1 J	4	ug/L	Cal MCL	Shallow									X	
	PZ-144		2011 Q2	Primary Sample	0.17 J	4	ug/L	Cal MCL	Shallow									X	
	PZ-144		2011 Q2	Field Duplicate	0.44 J	4	ug/L	Cal MCL	Shallow									X	
	PZ-146	*	2011 Q2	Primary Sample	0.98 J	4	ug/L	Cal MCL	Shallow									X	
	PZ-149		2011 Q2	Primary Sample	0.17 J	4	ug/L	Cal MCL	Shallow									X	
	PZ-155		2011 Q2	Primary Sample	0.56 J	4	ug/L	Cal MCL	Shallow									X	
	PZ-159		2011 Q2	Primary Sample	0.35 J	4	ug/L	Cal MCL	Shallow									X	
	RD-03		2011 Q3	Primary Sample	1.7 J	4	ug/L	Cal MCL	Chatsworth			X				X			
	RD-104		2011 Q3	Primary Sample	0.66 J	4	ug/L	Cal MCL	Chatsworth		X	X		X					
	RD-36A		2011 Q2	Primary Sample	0.74 J	4	ug/L	Cal MCL	Chatsworth			X							
	RD-36B		2011 Q3	Primary Sample	1.8 J	4	ug/L	Cal MCL	Chatsworth			X					X		
	RD-43B		2011 Q3	Primary Sample	1.9 J	4	ug/L	Cal MCL	Chatsworth			X				X			
	RD-58C		2011 Q2	Primary Sample	**17**	4	ug/L	Cal MCL	Chatsworth			X							
	RS-29	*	2011 Q2	Primary Sample	3.2 J	4	ug/L	Cal MCL	Shallow									X	
	RS-29	*	2011 Q2	Primary Sample	0.34 J	4	ug/L	Cal MCL	Shallow									X	
	RS-33		2011 Q2	Primary Sample	0.77 J	4	ug/L	Cal MCL	Shallow		X	X		X					
Boron, Dissolved	PZ-129	*	2011 Q1	Primary Sample	**0.42**	0.34	mg/L	SSFL Comparison	Shallow									X	
	PZ-139	*	2011 Q1	Primary Sample	0.052	0.34	mg/L	SSFL Comparison	Shallow									X	

TABLE 10
FIRST-TIME DETECTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-wide	LUFT	SMOU RFI	Area IV
Boron, Dissolved	PZ-139 *	2011 Q1	Field Duplicate	0.052	0.34	mg/L	SSFL Comparison	Shallow									X	
	PZ-140 *	2011 Q1	Primary Sample	0.047 J	0.34	mg/L	SSFL Comparison	Shallow									X	
	PZ-141 *	2011 Q1	Primary Sample	0.17	0.34	mg/L	SSFL Comparison	Shallow									X	
	PZ-141 *	2011 Q1	Split Sample	0.17	0.34	mg/L	SSFL Comparison	Shallow									X	
	PZ-144 *	2011 Q1	Primary Sample	0.082	0.34	mg/L	SSFL Comparison	Shallow									X	
	PZ-146 *	2011 Q2	Primary Sample	**0.68**	0.34	mg/L	SSFL Comparison	Shallow									X	
	PZ-147 *	2011 Q2	Primary Sample	0.062	0.34	mg/L	SSFL Comparison	Shallow									X	
	PZ-148 *	2011 Q2	Primary Sample	0.11	0.34	mg/L	SSFL Comparison	Shallow									X	
	PZ-149 *	2011 Q2	Primary Sample	0.16	0.34	mg/L	SSFL Comparison	Shallow									X	
	PZ-152 *	2011 Q2	Primary Sample	**0.39**	0.34	mg/L	SSFL Comparison	Shallow									X	
	PZ-154 *	2011 Q1	Primary Sample	0.22	0.34	mg/L	SSFL Comparison	Shallow									X	
	PZ-155 *	2011 Q2	Primary Sample	0.19	0.34	mg/L	SSFL Comparison	Shallow									X	
	PZ-157 *	2011 Q3	Primary Sample	**0.41**	0.34	mg/L	SSFL Comparison	Shallow									X	
	PZ-158 *	2011 Q1	Primary Sample	**0.37**	0.34	mg/L	SSFL Comparison	Shallow									X	
	PZ-159 *	2011 Q1	Primary Sample	0.067	0.34	mg/L	SSFL Comparison	Shallow									X	
	RS-29 *	2011 Q2	Primary Sample	0.07	0.34	mg/L	SSFL Comparison	Shallow									X	
Bromide	PZ-146 *	2011 Q2	Primary Sample	1	--	mg/L	--	Shallow									X	
	PZ-147	2011 Q3	Primary Sample	0.11 J	--	mg/L	--	Shallow									X	
	PZ-157 *	2011 Q3	Primary Sample	0.58	--	mg/L	--	Shallow									X	
	RS-29 *	2011 Q2	Primary Sample	0.53	--	mg/L	--	Shallow									X	
Butyl benzyl phthalate	PZ-140	2011 Q3	Primary Sample	0.043 J	78	ug/L	SWGW RBSL	Shallow									X	
	PZ-140	2011 Q3	Field Duplicate	0.034 J	78	ug/L	SWGW RBSL	Shallow									X	
	PZ-141	2011 Q3	Primary Sample	0.054 J	78	ug/L	SWGW RBSL	Shallow									X	
	PZ-144	2011 Q3	Primary Sample	0.099 J	78	ug/L	SWGW RBSL	Shallow									X	
	PZ-147	2011 Q3	Primary Sample	0.032 J	78	ug/L	SWGW RBSL	Shallow									X	
	PZ-149	2011 Q3	Primary Sample	0.1 J	78	ug/L	SWGW RBSL	Shallow									X	
	PZ-159	2011 Q3	Primary Sample	0.042 J	78	ug/L	SWGW RBSL	Shallow									X	
	RS-13	2011 Q2	Primary Sample	0.11 J	78	ug/L	SWGW RBSL	Shallow			X						X	
Cadmium	HAR-02 *	2011 Q2	Primary Sample	0.00013 J	0.0002	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-11	2011 Q2	Primary Sample	0.000089 J	0.0002	mg/L	SSFL Comparison	Shallow			X							
	HAR-28	2011 Q2	Primary Sample	0.000057 J	0.0002	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-29	2011 Q2	Primary Sample	0.000055 J	0.0002	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-32 *	2011 Q2	Primary Sample	0.000053 J	0.0002	mg/L	SSFL Comparison	Shallow			X							
	PZ-108 *	2011 Q3	Primary Sample	**0.00056 J**	0.0002	mg/L	SSFL Comparison	Shallow							X			
	RD-104 *	2011 Q2	Primary Sample	0.000071 J	0.0002	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-18 *	2011 Q3	Primary Sample	0.000058 J	0.0002	mg/L	SSFL Comparison	Chatsworth							X			
	RD-19 *	2011 Q3	Primary Sample	0.000042 J	0.0002	mg/L	SSFL Comparison	Chatsworth							X			
	RD-33A (Port 2) *	2011 Q3	Primary Sample	0.000084 J	0.0002	mg/L	SSFL Comparison	Chatsworth							X			
	RD-34C *	2011 Q3	Primary Sample	0.000098 J	0.0002	mg/L	SSFL Comparison	Chatsworth							X			
	RD-57 (Port 7) *	2011 Q3	Primary Sample	0.000068 J	0.0002	mg/L	SSFL Comparison	#N/A							X			
	RD-85 *	2011 Q3	Primary Sample	**0.00079 J**	0.0002	mg/L	SSFL Comparison	Chatsworth							X			
	RD-85 *	2011 Q3	Field Duplicate	**0.00068 J**	0.0002	mg/L	SSFL Comparison	Chatsworth							X			
	RD-86	2011 Q3	Primary Sample	0.00016 J	0.0002	mg/L	SSFL Comparison	Chatsworth							X			
	RS-18 *	2011 Q3	Primary Sample	0.000077 J	0.0002	mg/L	SSFL Comparison	Shallow							X			
	SH-09	2011 Q2	Primary Sample	0.00005 J	0.0002	mg/L	SSFL Comparison	Shallow		X	X							
Cadmium, Dissolved	ES-27	2011 Q2	Primary Sample	0.000042 J	0.0002	mg/L	SSFL Comparison	Shallow			X							
	HAR-02 *	2011 Q2	Primary Sample	0.00017 J	0.0002	mg/L	SSFL Comparison	Shallow		X	X		X					

TABLE 10
FIRST-TIME DETECTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-wide	LUFT	SMOU RFI	Area IV
Cadmium, Dissolved	HAR-20	2011 Q2	Primary Sample	0.000042 J	0.0002	mg/L	SSFL Comparison	Chatsworth			X							
	HAR-26	2011 Q2	Primary Sample	0.000041 J	0.0002	mg/L	SSFL Comparison	Chatsworth			X							
	PZ-041 *	2011 Q1	Primary Sample	0.000084 J	0.0002	mg/L	SSFL Comparison	Shallow									X	
	PZ-108 *	2011 Q3	Primary Sample	**0.00045 J**	0.0002	mg/L	SSFL Comparison	Shallow							X			
	PZ-129 *	2011 Q1	Primary Sample	0.00005 J	0.0002	mg/L	SSFL Comparison	Shallow									X	
	PZ-144 *	2011 Q1	Primary Sample	0.00007 J	0.0002	mg/L	SSFL Comparison	Shallow									X	
	PZ-146	2011 Q3	Primary Sample	0.000047 J	0.0002	mg/L	SSFL Comparison	Shallow									X	
	PZ-147 *	2011 Q2	Primary Sample	0.000067 J	0.0002	mg/L	SSFL Comparison	Shallow									X	
	PZ-148 *	2011 Q2	Primary Sample	0.000049 J	0.0002	mg/L	SSFL Comparison	Shallow									X	
	PZ-149 *	2011 Q2	Primary Sample	0.00013 J	0.0002	mg/L	SSFL Comparison	Shallow									X	
	PZ-152 *	2011 Q2	Primary Sample	0.00018 J	0.0002	mg/L	SSFL Comparison	Shallow									X	
	PZ-154	2011 Q2	Primary Sample	0.00014 J	0.0002	mg/L	SSFL Comparison	Shallow									X	
	PZ-155	2011 Q3	Primary Sample	0.0001 J	0.0002	mg/L	SSFL Comparison	Shallow									X	
	PZ-159	2011 Q1	Primary Sample	0.00015 J	0.0002	mg/L	SSFL Comparison	Shallow									X	
	RD-104 *	2011 Q2	Primary Sample	0.00004 J	0.0002	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-11	2011 Q2	Primary Sample	0.00004 J	0.0002	mg/L	SSFL Comparison	Chatsworth			X							
	RD-13	2011 Q1	Primary Sample	0.000052 J	0.0002	mg/L	SSFL Comparison	Chatsworth									X	
	RD-18	2011 Q3	Primary Sample	0.000067 J	0.0002	mg/L	SSFL Comparison	Chatsworth							X			
	RD-19	2011 Q3	Primary Sample	0.00004 J	0.0002	mg/L	SSFL Comparison	Chatsworth							X			
	RD-59B	2011 Q3	Primary Sample	0.000055 J	0.0002	mg/L	SSFL Comparison	Chatsworth							X			
	RD-85	2011 Q3	Primary Sample	**0.00081 J**	0.0002	mg/L	SSFL Comparison	Chatsworth							X			
	RD-85	2011 Q3	Field Duplicate	**0.0008 J**	0.0002	mg/L	SSFL Comparison	Chatsworth							X			
	RS-13	2011 Q2	Primary Sample	0.00012 J	0.0002	mg/L	SSFL Comparison	Shallow			X						X	
	RS-29 *	2011 Q2	Primary Sample	0.00011 J	0.0002	mg/L	SSFL Comparison	Shallow									X	
	SH-09	2011 Q2	Primary Sample	0.000048 J	0.0002	mg/L	SSFL Comparison	Shallow		X	X							
Calcium	HAR-02 *	2011 Q2	Primary Sample	66	--	mg/L	--	Shallow		X	X		X					
	HAR-17 *	2011 Q1	Primary Sample	160	--	mg/L	--	Chatsworth									X	
	HAR-17 *	2011 Q1	Split Sample	160	--	mg/L	--	Chatsworth									X	
	RD-104 *	2011 Q2	Primary Sample	100	--	mg/L	--	Chatsworth		X	X		X					
	RD-13 *	2011 Q1	Primary Sample	91	--	mg/L	--	Chatsworth									X	
	RD-55A *	2011 Q1	Primary Sample	120	--	mg/L	--	Chatsworth									X	
	RD-58A *	2011 Q1	Primary Sample	160	--	mg/L	--	Chatsworth									X	
	RD-58A *	2011 Q1	Split Sample	150	--	mg/L	--	Chatsworth									X	
Calcium, Dissolved	PZ-041 *	2011 Q1	Primary Sample	110	--	mg/L	--	Shallow									X	
	PZ-129 *	2011 Q1	Primary Sample	79	--	mg/L	--	Shallow									X	
	PZ-139 *	2011 Q1	Primary Sample	67	--	mg/L	--	Shallow									X	
	PZ-139 *	2011 Q1	Field Duplicate	70	--	mg/L	--	Shallow									X	
	PZ-140 *	2011 Q1	Primary Sample	110	--	mg/L	--	Shallow									X	
	PZ-141 *	2011 Q1	Primary Sample	130	--	mg/L	--	Shallow									X	
	PZ-141 *	2011 Q1	Split Sample	120	--	mg/L	--	Shallow									X	
	PZ-144 *	2011 Q1	Primary Sample	40	--	mg/L	--	Shallow									X	
	PZ-146 *	2011 Q2	Primary Sample	210	--	mg/L	--	Shallow									X	
	PZ-147 *	2011 Q2	Primary Sample	67	--	mg/L	--	Shallow									X	
	PZ-148 *	2011 Q2	Primary Sample	72	--	mg/L	--	Shallow									X	
	PZ-149 *	2011 Q2	Primary Sample	150	--	mg/L	--	Shallow									X	
	PZ-152 *	2011 Q2	Primary Sample	140	--	mg/L	--	Shallow									X	
	PZ-154 *	2011 Q1	Primary Sample	110	--	mg/L	--	Shallow									X	

TABLE 10
FIRST-TIME DETECTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-wide	LUFT	SMOU RFI	Area IV
Calcium, Dissolved	PZ-155 *	2011 Q2	Primary Sample	170	--	mg/L	--	Shallow									X	
	PZ-157 *	2011 Q3	Primary Sample	100	--	mg/L	--	Shallow									X	
	PZ-158 *	2011 Q1	Primary Sample	140	--	mg/L	--	Shallow									X	
	PZ-159 *	2011 Q1	Primary Sample	52	--	mg/L	--	Shallow									X	
	RD-104 *	2011 Q2	Primary Sample	100	--	mg/L	--	Chatsworth		X	X		X					
	RS-29 *	2011 Q2	Primary Sample	140	--	mg/L	--	Shallow									X	
Cesium-137, Particulate	RD-18	2011 Q3	Primary Sample	1.072 J ± 0.945	200	pCi/L	Primary MCL (a)	Chatsworth							X			
Chloride	ES-01 *	2011 Q3	Primary Sample	51	250	mg/L	Secondary MCL	Shallow							X			
	ES-14 *	2011 Q3	Primary Sample	99	250	mg/L	Secondary MCL	Shallow							X			
	PZ-076 *	2011 Q3	Primary Sample	160	250	mg/L	Secondary MCL	Shallow							X			
	PZ-077 *	2011 Q3	Primary Sample	240	250	mg/L	Secondary MCL	Shallow							X			
	PZ-129 *	2011 Q1	Primary Sample	15	250	mg/L	Secondary MCL	Shallow									X	
	PZ-144 *	2011 Q1	Primary Sample	4.9	250	mg/L	Secondary MCL	Shallow									X	
	PZ-146 *	2011 Q2	Primary Sample	110	250	mg/L	Secondary MCL	Shallow									X	
	PZ-147 *	2011 Q2	Primary Sample	12	250	mg/L	Secondary MCL	Shallow									X	
	PZ-148 *	2011 Q2	Primary Sample	23	250	mg/L	Secondary MCL	Shallow									X	
	PZ-157 *	2011 Q3	Primary Sample	150	250	mg/L	Secondary MCL	Shallow									X	
	RD-104 *	2011 Q2	Primary Sample	31	250	mg/L	Secondary MCL	Chatsworth		X	X		X					
	RS-29 *	2011 Q2	Primary Sample	29	250	mg/L	Secondary MCL	Shallow									X	
Chloroform	PZ-148 *	2011 Q2	Primary Sample	0.49 J	80	ug/L	Primary MCL	Shallow									X	
Chromium	HAR-04	2011 Q2	Split Sample	0.00099 J	0.014	mg/L	SSFL Comparison	Shallow			X							
	PZ-108 *	2011 Q3	Primary Sample	0.00063 J	0.014	mg/L	SSFL Comparison	Shallow							X			
	RD-104 *	2011 Q2	Primary Sample	0.00074 J	0.014	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-13 *	2011 Q1	Primary Sample	0.00059 J	0.014	mg/L	SSFL Comparison	Chatsworth									X	
	SH-03	2011 Q2	Primary Sample	0.002 J	0.014	mg/L	SSFL Comparison	Shallow		X	X		X					
Chromium, Dissolved	PZ-139	2011 Q2	Primary Sample	0.0079	0.014	mg/L	SSFL Comparison	Shallow									X	
	PZ-144 *	2011 Q1	Primary Sample	0.00055 J	0.014	mg/L	SSFL Comparison	Shallow									X	
	PZ-146 *	2011 Q2	Primary Sample	0.00064 J	0.014	mg/L	SSFL Comparison	Shallow									X	
	PZ-149 *	2011 Q2	Primary Sample	0.0016 J	0.014	mg/L	SSFL Comparison	Shallow									X	
	PZ-154	2011 Q2	Primary Sample	0.00086 J	0.014	mg/L	SSFL Comparison	Shallow									X	
	PZ-158	2011 Q1	Primary Sample	0.002 J	0.014	mg/L	SSFL Comparison	Shallow									X	
	PZ-159	2011 Q1	Primary Sample	0.0014 J	0.014	mg/L	SSFL Comparison	Shallow									X	
	SH-03	2011 Q2	Primary Sample	0.0018 J	0.014	mg/L	SSFL Comparison	Shallow		X	X		X					
Chrysene	PZ-144	2011 Q2	Primary Sample	0.0036 J	--	ug/L	--	Shallow									X	
cis-1,2-Dichloroethene	PZ-147 *	2011 Q2	Primary Sample	**18 J**	6	ug/L	Cal MCL	Shallow									X	
	RD-08	2011 Q3	Primary Sample	0.33 J	6	ug/L	Cal MCL	Chatsworth			X							
	RD-104 *	2011 Q2	Primary Sample	**11**	6	ug/L	Cal MCL	Chatsworth		X	X		X					
	RD-83	2011 Q1	Primary Sample	0.35 J	6	ug/L	Cal MCL	Chatsworth							X			
	RS-15	2011 Q1	Primary Sample	**13**	6	ug/L	Cal MCL	Shallow									X	
Cobalt	ES-17	2011 Q2	Primary Sample	0.00017 J	0.0019	mg/L	SSFL Comparison	Shallow		X	X		X					
	ES-27	2011 Q2	Primary Sample	0.00065 J	0.0019	mg/L	SSFL Comparison	Shallow			X							
	HAR-01	2011 Q2	Primary Sample	0.000049 J	0.0019	mg/L	SSFL Comparison	Chatsworth			X							
	HAR-02 *	2011 Q2	Primary Sample	0.00024 J	0.0019	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-08	2011 Q2	Primary Sample	0.00031 J	0.0019	mg/L	SSFL Comparison	Chatsworth			X							
	HAR-25 *	2011 Q2	Primary Sample	0.000052 J	0.0019	mg/L	SSFL Comparison	Chatsworth			X							
	HAR-27	2011 Q2	Primary Sample	0.00078 J	0.0019	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-28	2011 Q2	Primary Sample	0.00016 J	0.0019	mg/L	SSFL Comparison	Shallow		X	X							

TABLE 10
FIRST-TIME DETECTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-wide	LUFT	SMOU RFI	Area IV
Cobalt	HAR-32 *	2011 Q2	Primary Sample	0.00013 J	0.0019	mg/L	SSFL Comparison	Shallow			X							
	PZ-041	2011 Q1	Primary Sample	0.0016	0.0019	mg/L	SSFL Comparison	Shallow									X	
	PZ-108 *	2011 Q3	Primary Sample	0.00017 J	0.0019	mg/L	SSFL Comparison	Shallow							X			
	RD-104 *	2011 Q2	Primary Sample	**0.0025**	0.0019	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-13 *	2011 Q1	Primary Sample	0.00022 J	0.0019	mg/L	SSFL Comparison	Chatsworth									X	
	RD-18 *	2011 Q3	Primary Sample	0.000079 J	0.0019	mg/L	SSFL Comparison	Chatsworth							X			
	RD-19 *	2011 Q3	Primary Sample	0.00017 J	0.0019	mg/L	SSFL Comparison	Chatsworth							X			
	RD-33A (Port 2) *	2011 Q3	Primary Sample	0.00014 J	0.0019	mg/L	SSFL Comparison	Chatsworth							X			
	RD-33B *	2011 Q3	Primary Sample	0.00019 J	0.0019	mg/L	SSFL Comparison	Chatsworth							X			
	RD-33C *	2011 Q3	Primary Sample	0.00014 J	0.0019	mg/L	SSFL Comparison	Chatsworth							X			
	RD-34C *	2011 Q3	Primary Sample	0.00094 J	0.0019	mg/L	SSFL Comparison	Chatsworth							X			
	RD-50 (Port 2) *	2011 Q3	Primary Sample	0.00046 J	0.0019	mg/L	SSFL Comparison	Chatsworth							X			
	RD-50 (Port 2) *	2011 Q3	Split Sample	0.00048 J	0.0019	mg/L	SSFL Comparison	Chatsworth							X			
	RD-54A (Port 2) *	2011 Q3	Primary Sample	0.00055 J	0.0019	mg/L	SSFL Comparison	Chatsworth							X			
	RD-57 (Port 7) *	2011 Q3	Primary Sample	0.00034 J	0.0019	mg/L	SSFL Comparison	#N/A							X			
	RD-58A *	2011 Q1	Primary Sample	0.00032 J	0.0019	mg/L	SSFL Comparison	Chatsworth									X	
	RD-58A *	2011 Q1	Split Sample	0.00016 J	0.0019	mg/L	SSFL Comparison	Chatsworth									X	
	RD-59A *	2011 Q3	Primary Sample	0.00036 J	0.0019	mg/L	SSFL Comparison	Chatsworth							X			
	RD-59C *	2011 Q3	Primary Sample	0.000063 J	0.0019	mg/L	SSFL Comparison	Chatsworth							X			
	RD-63 *	2011 Q3	Primary Sample	0.00028 J	0.0019	mg/L	SSFL Comparison	Chatsworth							X			
	RD-85 *	2011 Q3	Primary Sample	0.00013 J	0.0019	mg/L	SSFL Comparison	Chatsworth							X			
	RD-85 *	2011 Q3	Field Duplicate	0.00013 J	0.0019	mg/L	SSFL Comparison	Chatsworth							X			
	RS-18 *	2011 Q3	Primary Sample	**0.0059**	0.0019	mg/L	SSFL Comparison	Shallow							X			
Cobalt, Dissolved	ES-17	2011 Q2	Primary Sample	0.00019 J	0.0019	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-02 *	2011 Q2	Primary Sample	0.0002 J	0.0019	mg/L	SSFL Comparison	Shallow		X	X		X					
	PZ-041 *	2011 Q1	Primary Sample	0.00024 J	0.0019	mg/L	SSFL Comparison	Shallow									X	
	PZ-108 *	2011 Q3	Primary Sample	0.000086 J	0.0019	mg/L	SSFL Comparison	Shallow							X			
	PZ-129 *	2011 Q1	Primary Sample	0.00016 J	0.0019	mg/L	SSFL Comparison	Shallow									X	
	PZ-144 *	2011 Q1	Primary Sample	0.000024 J	0.0019	mg/L	SSFL Comparison	Shallow									X	
	PZ-146 *	2011 Q2	Primary Sample	**0.0028**	0.0019	mg/L	SSFL Comparison	Shallow									X	
	PZ-147 *	2011 Q2	Primary Sample	0.000078 J	0.0019	mg/L	SSFL Comparison	Shallow									X	
	PZ-148 *	2011 Q2	Primary Sample	0.00011 J	0.0019	mg/L	SSFL Comparison	Shallow									X	
	PZ-149 *	2011 Q2	Primary Sample	0.00016 J	0.0019	mg/L	SSFL Comparison	Shallow									X	
	PZ-152 *	2011 Q2	Primary Sample	0.00015 J	0.0019	mg/L	SSFL Comparison	Shallow									X	
	PZ-154 *	2011 Q1	Primary Sample	0.0004 J	0.0019	mg/L	SSFL Comparison	Shallow									X	
	PZ-155	2011 Q2	Primary Sample	0.00084 J	0.0019	mg/L	SSFL Comparison	Shallow									X	
	PZ-157 *	2011 Q3	Primary Sample	0.0001 J	0.0019	mg/L	SSFL Comparison	Shallow									X	
	PZ-159	2011 Q1	Primary Sample	0.00069 J	0.0019	mg/L	SSFL Comparison	Shallow									X	
	RD-104 *	2011 Q2	Primary Sample	**0.0019**	0.0019	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-13	2011 Q1	Primary Sample	0.00021 J	0.0019	mg/L	SSFL Comparison	Chatsworth									X	
	RD-18	2011 Q3	Primary Sample	0.000055 J	0.0019	mg/L	SSFL Comparison	Chatsworth							X			
	RD-19	2011 Q3	Primary Sample	0.00014 J	0.0019	mg/L	SSFL Comparison	Chatsworth							X			
	RD-63 *	2011 Q3	Primary Sample	0.00026 J	0.0019	mg/L	SSFL Comparison	Chatsworth							X			
	RS-29 *	2011 Q2	Primary Sample	0.0016	0.0019	mg/L	SSFL Comparison	Shallow									X	
Copper	ES-17	2011 Q2	Primary Sample	0.0018 J	0.0047	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-02 *	2011 Q2	Primary Sample	0.00093 J	0.0047	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-28	2011 Q2	Primary Sample	0.0006 J	0.0047	mg/L	SSFL Comparison	Shallow		X	X							

TABLE 10
FIRST-TIME DETECTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-wide	LUFT	SMOU RFI	Area IV
Copper	HAR-32 *	2011 Q2	Primary Sample	0.0012 J	0.0047	mg/L	SSFL Comparison	Shallow			X							
	PZ-041	2011 Q1	Primary Sample	0.0037	0.0047	mg/L	SSFL Comparison	Shallow									X	
	PZ-108 *	2011 Q3	Primary Sample	0.00077 J	0.0047	mg/L	SSFL Comparison	Shallow							X			
	RD-104 *	2011 Q2	Primary Sample	0.002	0.0047	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-11	2011 Q2	Primary Sample	0.0012 J	0.0047	mg/L	SSFL Comparison	Chatsworth			X							
	RD-13 *	2011 Q1	Primary Sample	**0.0056**	0.0047	mg/L	SSFL Comparison	Chatsworth									X	
	RD-18 *	2011 Q3	Primary Sample	0.001 J	0.0047	mg/L	SSFL Comparison	Chatsworth							X			
	RD-33A (Port 2) *	2011 Q3	Primary Sample	**0.063**	0.0047	mg/L	SSFL Comparison	Chatsworth							X			
	RD-54A (Port 2) *	2011 Q3	Primary Sample	0.0018 J	0.0047	mg/L	SSFL Comparison	Chatsworth							X			
	RD-57 (Port 7) *	2011 Q3	Primary Sample	**0.0061**	0.0047	mg/L	SSFL Comparison	#N/A							X			
	RD-58A *	2011 Q1	Split Sample	0.00097 J	0.0047	mg/L	SSFL Comparison	Chatsworth									X	
	RD-59B *	2011 Q3	Primary Sample	0.0016 J	0.0047	mg/L	SSFL Comparison	Chatsworth							X			
	RD-59C *	2011 Q3	Primary Sample	0.0026	0.0047	mg/L	SSFL Comparison	Chatsworth							X			
	RD-85 *	2011 Q3	Field Duplicate	0.00069 J	0.0047	mg/L	SSFL Comparison	Chatsworth							X			
	RS-18 *	2011 Q3	Primary Sample	0.0006 J	0.0047	mg/L	SSFL Comparison	Shallow							X			
	SH-03	2011 Q2	Primary Sample	0.00094 J	0.0047	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-09	2011 Q2	Primary Sample	0.00091 J	0.0047	mg/L	SSFL Comparison	Shallow		X	X							
Copper, Dissolved	ES-17	2011 Q2	Primary Sample	0.002	0.0047	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-02 *	2011 Q2	Primary Sample	0.00091 J	0.0047	mg/L	SSFL Comparison	Shallow		X	X		X					
	PZ-144	2011 Q3	Primary Sample	0.00087 J	0.0047	mg/L	SSFL Comparison	Shallow									X	
	PZ-147 *	2011 Q2	Primary Sample	0.00083 J	0.0047	mg/L	SSFL Comparison	Shallow									X	
	PZ-149 *	2011 Q2	Primary Sample	0.0011 J	0.0047	mg/L	SSFL Comparison	Shallow									X	
	PZ-154 *	2011 Q1	Primary Sample	0.00086 J	0.0047	mg/L	SSFL Comparison	Shallow									X	
	PZ-157 *	2011 Q3	Primary Sample	0.00089 J	0.0047	mg/L	SSFL Comparison	Shallow									X	
	PZ-159	2011 Q1	Primary Sample	0.0019 J	0.0047	mg/L	SSFL Comparison	Shallow									X	
	RS-13	2011 Q2	Primary Sample	0.001 J	0.0047	mg/L	SSFL Comparison	Shallow			X						X	
	RS-29 *	2011 Q2	Primary Sample	0.0024	0.0047	mg/L	SSFL Comparison	Shallow									X	
	SH-09	2011 Q2	Primary Sample	0.0009 J	0.0047	mg/L	SSFL Comparison	Shallow		X	X							
Cyanides	HAR-01	2011 Q2	Primary Sample	0.0024 J	0.15	mg/L	Cal MCL	Chatsworth			X							
	HAR-26	2011 Q2	Primary Sample	0.003 J	0.15	mg/L	Cal MCL	Chatsworth			X							
	HAR-27	2011 Q2	Primary Sample	0.0043 J	0.15	mg/L	Cal MCL	Shallow		X	X		X					
	RD-11	2011 Q2	Primary Sample	0.0034 J	0.15	mg/L	Cal MCL	Chatsworth			X							
	RD-12	2011 Q2	Primary Sample	0.0036 J	0.15	mg/L	Cal MCL	Chatsworth			X							
Dichlorodifluoromethane	HAR-20	2011 Q2	Primary Sample	0.5 J	1000	ug/L	Notification Level	Chatsworth			X							
Diesel Range Organics (C12-C14)	PZ-129 *	2011 Q1	Primary Sample	**0.11 J**	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-139	2011 Q2	Primary Sample	**0.13 J**	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-144	2011 Q1	Primary Sample	0.093 J	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-146 *	2011 Q2	Primary Sample	**0.33**	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-149	2011 Q3	Primary Sample	0.084 J	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-154	2011 Q3	Primary Sample	**0.16 J**	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-159	2011 Q1	Primary Sample	**0.15 J**	0.1	mg/L	Taste/Odor	Shallow									X	
	RD-104	2011 Q3	Primary Sample	0.057 J	0.1	mg/L	Taste/Odor	Chatsworth		X	X		X					
	RD-43B	2011 Q3	Primary Sample	0.034 J	0.1	mg/L	Taste/Odor	Chatsworth			X				X			
	RD-48C	2011 Q2	Primary Sample	0.071 J	0.1	mg/L	Taste/Odor	Chatsworth			X							
	RD-49B	2011 Q1	Primary Sample	**0.12 J**	0.1	mg/L	Taste/Odor	Chatsworth	X									
	RS-07	2011 Q2	Primary Sample	0.064 J	0.1	mg/L	Taste/Odor	Shallow			X							
Diesel Range Organics (C21-C30)	HAR-23	2011 Q3	Primary Sample	0.053 J	0.1	mg/L	Taste/Odor	Chatsworth			X							

TABLE 10
FIRST-TIME DETECTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-wide	LUFT	SMOU RFI	Area IV
Diesel Range Organics (C21-C30)	HAR-27	2011 Q1	Primary Sample	0.048 J	0.1	mg/L	Taste/Odor	Shallow		X	X		X					
	PZ-139	2011 Q3	Primary Sample	0.046 J	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-144	2011 Q1	Primary Sample	0.089 J	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-154	2011 Q3	Primary Sample	0.043 J	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-157 *	2011 Q3	Primary Sample	0.042 J	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-158	2011 Q1	Primary Sample	**0.22 J**	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-159	2011 Q3	Primary Sample	0.038 J	0.1	mg/L	Taste/Odor	Shallow									X	
	RD-104	2011 Q3	Primary Sample	0.037 J	0.1	mg/L	Taste/Odor	Chatsworth		X	X		X					
	RD-43A	2011 Q1	Primary Sample	**0.39**	0.1	mg/L	Taste/Odor	Chatsworth			X							
	RD-46A	2011 Q1	Primary Sample	**0.18 J**	0.1	mg/L	Taste/Odor	Chatsworth			X							
	RD-48B	2011 Q2	Primary Sample	**0.36**	0.1	mg/L	Taste/Odor	Chatsworth			X							
	RD-48C	2011 Q3	Primary Sample	0.043 J	0.1	mg/L	Taste/Odor	Chatsworth			X				X			
	RD-49B	2011 Q1	Primary Sample	0.087 J	0.1	mg/L	Taste/Odor	Chatsworth	X									
	RD-52A	2011 Q1	Primary Sample	0.039 J	0.1	mg/L	Taste/Odor	Chatsworth			X							
	RS-08	2011 Q3	Primary Sample	0.093 J	0.1	mg/L	Taste/Odor	Shallow			X							
	RS-29 *	2011 Q2	Primary Sample	0.084 J	0.1	mg/L	Taste/Odor	Shallow									X	
Diesel Range Organics (C8-C30)	HAR-27	2011 Q1	Primary Sample	**0.12 J**	0.1	mg/L	Taste/Odor	Shallow		X	X		X					
	PZ-129 *	2011 Q1	Primary Sample	**0.12 J**	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-139	2011 Q2	Primary Sample	**0.14 J**	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-144	2011 Q1	Primary Sample	**0.19 J**	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-146 *	2011 Q2	Primary Sample	**0.38**	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-149	2011 Q3	Primary Sample	**0.1** J	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-154 *	2011 Q1	Primary Sample	**0.11 J**	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-159	2011 Q1	Primary Sample	**0.16 J**	0.1	mg/L	Taste/Odor	Shallow									X	
	RD-104	2011 Q3	Primary Sample	**0.2 J**	0.1	mg/L	Taste/Odor	Chatsworth		X	X		X					
	RD-38B	2011 Q3	Primary Sample	0.1 J	0.1	mg/L	Taste/Odor	Chatsworth			X				X	X		
	RD-38B	2011 Q3	Field Duplicate	0.095 J	0.1	mg/L	Taste/Odor	Chatsworth			X				X	X		
	RD-43A	2011 Q1	Primary Sample	**0.41**	0.1	mg/L	Taste/Odor	Chatsworth			X							
	RD-46A	2011 Q1	Primary Sample	**0.19 J**	0.1	mg/L	Taste/Odor	Chatsworth			X							
	RD-48A	2011 Q1	Primary Sample	0.093 J	0.1	mg/L	Taste/Odor	Chatsworth			X							
	RD-48B	2011 Q2	Primary Sample	**0.36**	0.1	mg/L	Taste/Odor	Chatsworth			X							
	RD-48C	2011 Q2	Primary Sample	0.081 J	0.1	mg/L	Taste/Odor	Chatsworth			X							
	RD-49B	2011 Q1	Primary Sample	**0.21 J**	0.1	mg/L	Taste/Odor	Chatsworth	X									
	RD-49C	2011 Q1	Primary Sample	**0.13 J**	0.1	mg/L	Taste/Odor	Chatsworth			X							
	RD-52B	2011 Q1	Primary Sample	**0.18 J**	0.1	mg/L	Taste/Odor	Chatsworth			X							
	RS-08	2011 Q3	Primary Sample	**0.17 J**	0.1	mg/L	Taste/Odor	Shallow			X							
	RS-29 *	2011 Q2	Primary Sample	**0.11 J**	0.1	mg/L	Taste/Odor	Shallow									X	
Diethyl phthalate	HAR-11	2011 Q3	Primary Sample	0.61 J	10000	ug/L	SWGW RBSL	Shallow			X							
	HAR-19	2011 Q3	Field Duplicate	0.37 J	10000	ug/L	SWGW RBSL	Chatsworth		X	X							
	HAR-26	2011 Q3	Primary Sample	0.41 J	10000	ug/L	SWGW RBSL	Chatsworth			X							
	PZ-035	2011 Q3	Primary Sample	1.5 J	10000	ug/L	SWGW RBSL	Shallow			X							
	PZ-060	2011 Q1	Primary Sample	1.1 J	10000	ug/L	SWGW RBSL	Shallow			X							
	PZ-060	2011 Q1	Field Duplicate	1.6 J	10000	ug/L	SWGW RBSL	Shallow			X							
	PZ-060	2011 Q1	Split Sample	5 J	10000	ug/L	SWGW RBSL	Shallow			X							
	PZ-129 *	2011 Q1	Primary Sample	0.62 J	10000	ug/L	SWGW RBSL	Shallow									X	
	PZ-139	2011 Q2	Primary Sample	0.99 J	10000	ug/L	SWGW RBSL	Shallow									X	
	PZ-144 *	2011 Q1	Primary Sample	0.42 J	10000	ug/L	SWGW RBSL	Shallow									X	

TABLE 10
FIRST-TIME DETECTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-wide	LUFT	SMOU RFI	Area IV
Diethyl phthalate	PZ-146 *	2011 Q2	Primary Sample	0.58 J	10000	ug/L	SWGW RBSL	Shallow									X	
	PZ-154	2011 Q1	Primary Sample	0.46 J	10000	ug/L	SWGW RBSL	Shallow									X	
	PZ-157 *	2011 Q3	Primary Sample	0.45 J	10000	ug/L	SWGW RBSL	Shallow									X	
	PZ-158	2011 Q3	Primary Sample	0.47 J	10000	ug/L	SWGW RBSL	Shallow									X	
	PZ-159	2011 Q1	Primary Sample	1.1 J	10000	ug/L	SWGW RBSL	Shallow									X	
	RD-104	2011 Q3	Primary Sample	0.49 J	10000	ug/L	SWGW RBSL	Chatsworth		X	X		X					
	RD-36A	2011 Q2	Primary Sample	2 J	10000	ug/L	SWGW RBSL	Chatsworth			X							
	RD-46A	2011 Q3	Primary Sample	1.3 J	10000	ug/L	SWGW RBSL	Chatsworth			X							
	RD-46B	2011 Q3	Primary Sample	1.7 J	10000	ug/L	SWGW RBSL	Chatsworth			X				X			
	RD-48B	2011 Q3	Primary Sample	0.5 J	10000	ug/L	SWGW RBSL	Chatsworth			X				X			
	RS-07	2011 Q1	Primary Sample	0.52 J	10000	ug/L	SWGW RBSL	Shallow			X							
	RS-13	2011 Q2	Primary Sample	0.27 J	10000	ug/L	SWGW RBSL	Shallow			X						X	
	RS-29 *	2011 Q2	Primary Sample	0.034 J	10000	ug/L	SWGW RBSL	Shallow									X	
	SH-04	2011 Q3	Primary Sample	0.46 J	10000	ug/L	SWGW RBSL	Shallow			X							
	SH-11	2011 Q1	Split Sample	0.26 J	10000	ug/L	SWGW RBSL	Shallow			X							
Di-n-butyl phthalate	PZ-149	2011 Q1	Primary Sample	3.5 J	1300	ug/L	SWGW RBSL	Shallow									X	
	RS-13	2011 Q2	Primary Sample	0.019 J	1300	ug/L	SWGW RBSL	Shallow			X						X	
	HAR-02	2011 Q2	Primary Sample	0.36 J	500	ug/L	SWGW RBSL	Shallow		X	X		X					
	HAR-14	2011 Q2	Primary Sample	2.2 J	500	ug/L	SWGW RBSL	Shallow		X	X		X					
	HAR-32	2011 Q3	Primary Sample	4.7 J	500	ug/L	SWGW RBSL	Shallow			X							
	PZ-144	2011 Q3	Primary Sample	2.4 J	500	ug/L	SWGW RBSL	Shallow									X	
	PZ-159	2011 Q2	Primary Sample	2.5 J	500	ug/L	SWGW RBSL	Shallow									X	
	RD-36D	2011 Q2	Primary Sample	0.39 J	500	ug/L	SWGW RBSL	Chatsworth			X							
	RD-46B	2011 Q3	Primary Sample	2.3 J	500	ug/L	SWGW RBSL	Chatsworth			X				X			
	RD-49B	2011 Q2	Primary Sample	2.4 J	500	ug/L	SWGW RBSL	Chatsworth	X									
	RD-58A	2011 Q3	Field Duplicate	2.1 J	500	ug/L	SWGW RBSL	Chatsworth			X							
	RD-58B	2011 Q3	Primary Sample	2 J	500	ug/L	SWGW RBSL	Chatsworth			X				X			
Dinoseb	HAR-09	2011 Q2	Primary Sample	0.42 J	7	ug/L	Primary MCL	Shallow		X	X		X					
	HAR-14	2011 Q2	Primary Sample	0.27 J	7	ug/L	Primary MCL	Shallow		X	X		X					
	HAR-27	2011 Q2	Primary Sample	0.45 J	7	ug/L	Primary MCL	Shallow		X	X		X					
	SH-03	2011 Q2	Primary Sample	0.17 J	7	ug/L	Primary MCL	Shallow		X	X		X					
Endrin aldehyde	SH-09	2011 Q2	Primary Sample	0.018 J	--	ug/L	--	Shallow		X	X							
Ethylbenzene	RD-96	2011 Q1	Primary Sample	0.18 J	300	ug/L	Cal MCL	Chatsworth							X			
Europium-152, Dissolved	RD-33C	2011 Q1	Primary Sample	7.94 J ± 8.5	200	pCi/L	Primary MCL (a)	Chatsworth							X			
Fluoranthene	PZ-140	2011 Q1	Primary Sample	0.0048 J	--	ug/L	--	Shallow									X	
	PZ-141	2011 Q2	Primary Sample	0.0054 J	--	ug/L	--	Shallow									X	
	PZ-146 *	2011 Q2	Primary Sample	0.015 J	--	ug/L	--	Shallow									X	
	RS-33	2011 Q2	Primary Sample	0.28 J	--	ug/L	--	Shallow		X	X		X					
Fluoride	PZ-129 *	2011 Q1	Primary Sample	0.78	0.8	mg/L	SSFL Comparison	Shallow									X	
	PZ-144 *	2011 Q1	Primary Sample	0.68	0.8	mg/L	SSFL Comparison	Shallow									X	
	PZ-146 *	2011 Q2	Primary Sample	**7.4**	0.8	mg/L	SSFL Comparison	Shallow									X	
	PZ-147 *	2011 Q2	Primary Sample	0.13 J	0.8	mg/L	SSFL Comparison	Shallow									X	
	PZ-148 *	2011 Q2	Primary Sample	0.23 J	0.8	mg/L	SSFL Comparison	Shallow									X	
	PZ-157 *	2011 Q3	Primary Sample	0.26 J	0.8	mg/L	SSFL Comparison	Shallow									X	
	PZ-159	2011 Q1	Primary Sample	0.39 J	0.8	mg/L	SSFL Comparison	Shallow									X	
	RD-104 *	2011 Q2	Primary Sample	0.29 J	0.8	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-85 *	2011 Q3	Primary Sample	0.43 J	0.8	mg/L	SSFL Comparison	Chatsworth							X			

TABLE 10
FIRST-TIME DETECTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-wide	LUFT	SMOU RFI	Area IV
Fluoride	RD-85 *	2011 Q3	Field Duplicate	0.43 J	0.8	mg/L	SSFL Comparison	Chatsworth							X			
	RS-29 *	2011 Q2	Primary Sample	0.51	0.8	mg/L	SSFL Comparison	Shallow									X	
Formaldehyde	HAR-09	2011 Q1	Primary Sample	20 J	100	ug/L	Notification Level	Shallow		X	X		X					
	HAR-15	2011 Q1	Primary Sample	17 J	100	ug/L	Notification Level	Shallow			X							
	HAR-21	2011 Q1	Primary Sample	21 J	100	ug/L	Notification Level	Chatsworth			X							
	HAR-30	2011 Q1	Primary Sample	18 J	100	ug/L	Notification Level	Shallow		X	X							
	PZ-035	2011 Q2	Primary Sample	8.9 J	100	ug/L	Notification Level	Shallow			X							
	PZ-060	2011 Q2	Primary Sample	11 J	100	ug/L	Notification Level	Shallow			X							
	PZ-146 *	2011 Q2	Primary Sample	9.2 J	100	ug/L	Notification Level	Shallow									X	
	RD-03	2011 Q2	Primary Sample	13 J	100	ug/L	Notification Level	Chatsworth			X							
	RD-05A	2011 Q2	Primary Sample	13 J	100	ug/L	Notification Level	Chatsworth			X							
	RD-05C	2011 Q2	Primary Sample	15 J	100	ug/L	Notification Level	Chatsworth			X							
	RD-39B	2011 Q2	Primary Sample	20 J	100	ug/L	Notification Level	Chatsworth			X							
	RD-39B	2011 Q2	Field Duplicate	18 J	100	ug/L	Notification Level	Chatsworth			X							
	RD-46B	2011 Q1	Primary Sample	34 J	100	ug/L	Notification Level	Chatsworth			X							
	RD-68B	2011 Q2	Primary Sample	9.4 J	100	ug/L	Notification Level	Chatsworth			X							
	RS-33	2011 Q2	Primary Sample	13 J	100	ug/L	Notification Level	Shallow		X	X		X					
Gross Alpha, Dissolved	PZ-124 *	2011 Q3	Primary Sample	**37.035 J ± 10.56**	15	pCi/L	Primary MCL	Shallow							X			
Gross alpha, Particulate	RD-18	2011 Q1	Primary Sample	1.16 J ± 0.48	15	pCi/L	Primary MCL	Chatsworth							X			
	RD-33C	2011 Q3	Primary Sample	0.567 J ± 0.315	15	pCi/L	Primary MCL	Chatsworth							X			
	RD-34C	2011 Q3	Primary Sample	0.67 J ± 0.313	15	pCi/L	Primary MCL	Chatsworth							X			
	RD-56B *	2011 Q3	Primary Sample	**19.672 ± 4.389**	15	pCi/L	Primary MCL	Chatsworth							X			
	RD-85	2011 Q1	Primary Sample	2.06 J ± 1.1	15	pCi/L	Primary MCL	Chatsworth							X			
Gross Beta, Dissolved	PZ-124 *	2011 Q3	Primary Sample	27.436 ± 7.41	50	pCi/L	Cal MCL	Shallow							X			
Gross beta, Particulate	RD-56B *	2011 Q3	Primary Sample	10.485 ± 1.563	50	pCi/L	Cal MCL	Chatsworth							X			
	RD-86	2011 Q1	Primary Sample	2.26 J ± 1.4	50	pCi/L	Cal MCL	Chatsworth							X			
	RS-18 *	2011 Q3	Primary Sample	4.001 J ± 1.527	50	pCi/L	Cal MCL	Shallow							X			
Hexachlorodibenzofurans	HAR-33 *	2011 Q3	Split Sample	0.73 J	--	pg/L	--	Shallow			X							
	RS-34 *	2011 Q3	Split Sample	2.3 J	--	pg/L	--	Shallow		X	X		X					
Hexachlorodibenzo-p-dioxins	PZ-140 *	2011 Q2	Split Sample	1.1 J	--	pg/L	--	Shallow									X	
	RS-34 *	2011 Q3	Split Sample	1.8 J	--	pg/L	--	Shallow		X	X		X					
Hexavalent Chromium	PZ-141	2011 Q1	Primary Sample	0.006 J	0.014	mg/L	SSFL Comparison	Shallow									X	
	PZ-144 *	2011 Q2	Primary Sample	0.011 J	0.014	mg/L	SSFL Comparison	Shallow									X	
	PZ-144 *	2011 Q2	Field Duplicate	0.0081 J	0.014	mg/L	SSFL Comparison	Shallow									X	
	PZ-147	2011 Q3	Primary Sample	0.0056 J	0.014	mg/L	SSFL Comparison	Shallow									X	
	RS-29 *	2011 Q2	Primary Sample	0.0047 J	0.014	mg/L	SSFL Comparison	Shallow									X	
Hexavalent Chromium, Dissolved	PZ-144 *	2011 Q2	Field Duplicate	0.0047 J	0.038	mg/L	SWGW RBSL	Shallow									X	
	RS-29 *	2011 Q2	Primary Sample	0.0064 J	0.038	mg/L	SWGW RBSL	Shallow									X	
Hydrazine	HAR-04	2011 Q2	Primary Sample	0.68 J	160000	ug/L	Taste/Odor	Shallow			X							
	HAR-16	2011 Q1	Field Duplicate	1.1 J	160000	ug/L	Taste/Odor	Chatsworth		X	X		X					
	RD-48A	2011 Q2	Primary Sample	0.93 J	160000	ug/L	Taste/Odor	Chatsworth			X							
	RS-13 *	2011 Q2	Primary Sample	1.8 J	160000	ug/L	Taste/Odor	Shallow			X							
Iron	RD-104 *	2011 Q2	Primary Sample	**7.7**	4.1	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-13 *	2011 Q1	Primary Sample	0.033 J	4.1	mg/L	SSFL Comparison	Chatsworth									X	
Iron, Dissolved	PZ-129 *	2011 Q1	Primary Sample	0.062 J	4.1	mg/L	SSFL Comparison	Shallow									X	
	PZ-146 *	2011 Q2	Primary Sample	3.2	4.1	mg/L	SSFL Comparison	Shallow									X	
	PZ-149	2011 Q3	Primary Sample	0.025 J	4.1	mg/L	SSFL Comparison	Shallow									X	

TABLE 10
FIRST-TIME DETECTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-wide	LUFT	SMOU RFI	Area IV
Iron, Dissolved	PZ-159	2011 Q1	Primary Sample	3.5	4.1	mg/L	SSFL Comparison	Shallow									X	
	RD-104 *	2011 Q2	Primary Sample	**8.1**	4.1	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RS-29 *	2011 Q2	Primary Sample	0.1	4.1	mg/L	SSFL Comparison	Shallow									X	
	RS-34	2011 Q2	Primary Sample	0.031 J	4.1	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-02	2011 Q1	Primary Sample	0.26	4.1	mg/L	SSFL Comparison	Shallow		X								
Kerosene Range Organics (C15-C20)	HAR-27	2011 Q1	Primary Sample	0.055 J	0.1	mg/L	Taste/Odor	Shallow		X	X		X					
	PZ-139	2011 Q2	Primary Sample	0.033 J	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-146 *	2011 Q2	Primary Sample	0.032 J	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-154 *	2011 Q1	Primary Sample	0.062 J	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-157 *	2011 Q3	Primary Sample	0.033 J	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-158	2011 Q3	Primary Sample	0.042 J	0.1	mg/L	Taste/Odor	Shallow									X	
	RD-104	2011 Q3	Primary Sample	0.085 J	0.1	mg/L	Taste/Odor	Chatsworth		X	X		X					
	RD-49B	2011 Q2	Primary Sample	0.039 J	0.1	mg/L	Taste/Odor	Chatsworth	X									
	RS-08	2011 Q3	Primary Sample	0.06 J	0.1	mg/L	Taste/Odor	Shallow			X							
Lead	HAR-02 *	2011 Q2	Primary Sample	0.0002 J	0.011	mg/L	SSFL Comparison	Shallow		X	X		X					
	RD-104 *	2011 Q2	Primary Sample	0.00084 J	0.011	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-13 *	2011 Q1	Primary Sample	0.0022	0.011	mg/L	SSFL Comparison	Chatsworth									X	
	RD-18 *	2011 Q3	Primary Sample	0.00033 J	0.011	mg/L	SSFL Comparison	Chatsworth							X			
	RD-33A (Port 2) *	2011 Q3	Primary Sample	**0.013**	0.011	mg/L	SSFL Comparison	Chatsworth							X			
	RD-33C *	2011 Q3	Primary Sample	0.0011 J	0.011	mg/L	SSFL Comparison	Chatsworth							X			
	RD-34C *	2011 Q3	Primary Sample	0.002	0.011	mg/L	SSFL Comparison	Chatsworth							X			
	RD-50 (Port 2) *	2011 Q3	Primary Sample	0.00089 J	0.011	mg/L	SSFL Comparison	Chatsworth							X			
	RD-50 (Port 2) *	2011 Q3	Split Sample	0.00093 J	0.011	mg/L	SSFL Comparison	Chatsworth							X			
	RD-54A (Port 2) *	2011 Q3	Primary Sample	0.00034 J	0.011	mg/L	SSFL Comparison	Chatsworth							X			
	RD-57 (Port 7) *	2011 Q3	Primary Sample	0.0051	0.011	mg/L	SSFL Comparison	#N/A							X			
	RD-59B *	2011 Q3	Primary Sample	0.002	0.011	mg/L	SSFL Comparison	Chatsworth							X			
	RD-59C *	2011 Q3	Primary Sample	0.002	0.011	mg/L	SSFL Comparison	Chatsworth							X			
Lead, Dissolved	PZ-154	2011 Q2	Primary Sample	0.00066 J	0.011	mg/L	SSFL Comparison	Shallow									X	
	PZ-158	2011 Q1	Primary Sample	0.0004 J	0.011	mg/L	SSFL Comparison	Shallow									X	
	PZ-159	2011 Q1	Primary Sample	0.0005 J	0.011	mg/L	SSFL Comparison	Shallow									X	
	RD-12	2011 Q2	Primary Sample	0.00019 J	0.011	mg/L	SSFL Comparison	Chatsworth			X							
	RD-13	2011 Q1	Primary Sample	0.0013 J	0.011	mg/L	SSFL Comparison	Chatsworth									X	
Magnesium	HAR-02 *	2011 Q2	Primary Sample	19	77	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-17 *	2011 Q1	Primary Sample	29	77	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-17 *	2011 Q1	Split Sample	30	77	mg/L	SSFL Comparison	Chatsworth									X	
	RD-104 *	2011 Q2	Primary Sample	29	77	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-13 *	2011 Q1	Primary Sample	11	77	mg/L	SSFL Comparison	Chatsworth									X	
	RD-58A *	2011 Q1	Primary Sample	39	77	mg/L	SSFL Comparison	Chatsworth									X	
	RD-58A *	2011 Q1	Split Sample	37	77	mg/L	SSFL Comparison	Chatsworth									X	
Magnesium, Dissolved	PZ-041 *	2011 Q1	Primary Sample	23	77	mg/L	SSFL Comparison	Shallow									X	
	PZ-129 *	2011 Q1	Primary Sample	35	77	mg/L	SSFL Comparison	Shallow									X	
	PZ-139 *	2011 Q1	Primary Sample	31	77	mg/L	SSFL Comparison	Shallow									X	
	PZ-139 *	2011 Q1	Field Duplicate	33	77	mg/L	SSFL Comparison	Shallow									X	
	PZ-140 *	2011 Q1	Primary Sample	35	77	mg/L	SSFL Comparison	Shallow									X	
	PZ-141 *	2011 Q1	Primary Sample	73	77	mg/L	SSFL Comparison	Shallow									X	
	PZ-141 *	2011 Q1	Split Sample	72	77	mg/L	SSFL Comparison	Shallow									X	
	PZ-144 *	2011 Q1	Primary Sample	13	77	mg/L	SSFL Comparison	Shallow									X	

TABLE 10
FIRST-TIME DETECTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-wide	LUFT	SMOU RFI	Area IV
Magnesium, Dissolved	PZ-146 *	2011 Q2	Primary Sample	68	77	mg/L	SSFL Comparison	Shallow									X	
	PZ-147 *	2011 Q2	Primary Sample	16	77	mg/L	SSFL Comparison	Shallow									X	
	PZ-148 *	2011 Q2	Primary Sample	20	77	mg/L	SSFL Comparison	Shallow									X	
	PZ-149 *	2011 Q2	Primary Sample	35	77	mg/L	SSFL Comparison	Shallow									X	
	PZ-152 *	2011 Q2	Primary Sample	21	77	mg/L	SSFL Comparison	Shallow									X	
	PZ-154 *	2011 Q1	Primary Sample	51	77	mg/L	SSFL Comparison	Shallow									X	
	PZ-155 *	2011 Q2	Primary Sample	35	77	mg/L	SSFL Comparison	Shallow									X	
	PZ-157 *	2011 Q3	Primary Sample	40	77	mg/L	SSFL Comparison	Shallow									X	
	PZ-158 *	2011 Q1	Primary Sample	70	77	mg/L	SSFL Comparison	Shallow									X	
	PZ-159 *	2011 Q1	Primary Sample	16	77	mg/L	SSFL Comparison	Shallow									X	
	RD-104 *	2011 Q2	Primary Sample	31	77	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RS-29 *	2011 Q2	Primary Sample	38	77	mg/L	SSFL Comparison	Shallow									X	
Manganese	ES-17	2011 Q1	Primary Sample	0.00062 J	0.15	mg/L	SSFL Comparison	Shallow	X	X	X		X					
	HAR-02 *	2011 Q2	Primary Sample	0.01	0.15	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-17 *	2011 Q1	Primary Sample	**0.52 J**	0.15	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-17 *	2011 Q1	Split Sample	**0.75 J**	0.15	mg/L	SSFL Comparison	Chatsworth									X	
	RD-104 *	2011 Q2	Primary Sample	**0.35**	0.15	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-13 *	2011 Q1	Primary Sample	0.0053 J	0.15	mg/L	SSFL Comparison	Chatsworth									X	
	SH-07	2011 Q2	Primary Sample	0.0015 J	0.15	mg/L	SSFL Comparison	Shallow	X									
	SH-09	2011 Q1	Primary Sample	0.051	0.15	mg/L	SSFL Comparison	Shallow		X	X							
Manganese, Dissolved	ES-17	2011 Q2	Primary Sample	0.00054 J	0.15	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-02 *	2011 Q2	Primary Sample	0.0084 J	0.15	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-17 *	2011 Q1	Primary Sample	0.033	0.15	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-17 *	2011 Q1	Split Sample	0.037	0.15	mg/L	SSFL Comparison	Chatsworth									X	
	PZ-041 *	2011 Q1	Primary Sample	0.0079 J	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-144	2011 Q3	Primary Sample	0.00069 J	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-146 *	2011 Q2	Primary Sample	**1.2**	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-147	2011 Q3	Primary Sample	0.0026	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-148 *	2011 Q2	Primary Sample	0.018	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-149 *	2011 Q2	Primary Sample	0.076	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-152 *	2011 Q2	Primary Sample	0.048	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-154 *	2011 Q1	Primary Sample	0.027	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-157 *	2011 Q3	Primary Sample	0.0072	0.15	mg/L	SSFL Comparison	Shallow									X	
	RD-104 *	2011 Q2	Primary Sample	**0.35**	0.15	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RS-29 *	2011 Q2	Primary Sample	**1.4**	0.15	mg/L	SSFL Comparison	Shallow									X	
	SH-03	2011 Q1	Primary Sample	0.00034 J	0.15	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-09	2011 Q1	Primary Sample	0.00059 J	0.15	mg/L	SSFL Comparison	Shallow		X	X							
Mercury	HAR-26	2011 Q2	Primary Sample	0.000031 J	0.000063	mg/L	SSFL Comparison	Chatsworth			X							
	RS-33	2011 Q2	Primary Sample	0.000048 J	0.000063	mg/L	SSFL Comparison	Shallow		X	X		X					
Methyl ethyl ketone	PZ-146 *	2011 Q2	Primary Sample	**4000**	3800	ug/L	SWGW RBSL	Shallow									X	
Methyl tert-butyl ether	PZ-152 *	2011 Q2	Primary Sample	1.7	5	ug/L	Secondary MCL	Shallow									X	
Molybdenum, Dissolved	PZ-129 *	2011 Q1	Primary Sample	**0.007**	0.0022	mg/L	SSFL Comparison	Shallow									X	
	PZ-144 *	2011 Q1	Primary Sample	**0.017**	0.0022	mg/L	SSFL Comparison	Shallow									X	
	PZ-146 *	2011 Q2	Primary Sample	**0.0042**	0.0022	mg/L	SSFL Comparison	Shallow									X	
	PZ-147 *	2011 Q2	Primary Sample	**0.0022**	0.0022	mg/L	SSFL Comparison	Shallow									X	
	PZ-148 *	2011 Q2	Primary Sample	**0.007**	0.0022	mg/L	SSFL Comparison	Shallow									X	
	PZ-149 *	2011 Q2	Primary Sample	**0.013**	0.0022	mg/L	SSFL Comparison	Shallow									X	

TABLE 10
FIRST-TIME DETECTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-wide	LUFT	SMOU RFI	Area IV
Molybdenum, Dissolved	PZ-152 *	2011 Q2	Primary Sample	**0.003**	0.0022	mg/L	SSFL Comparison	Shallow									X	
	PZ-154 *	2011 Q1	Primary Sample	**0.015**	0.0022	mg/L	SSFL Comparison	Shallow									X	
	PZ-157 *	2011 Q3	Primary Sample	**0.0065**	0.0022	mg/L	SSFL Comparison	Shallow									X	
	RS-13	2011 Q2	Primary Sample	**0.0033**	0.0022	mg/L	SSFL Comparison	Shallow									X	
	RS-29 *	2011 Q2	Primary Sample	**0.0039**	0.0022	mg/L	SSFL Comparison	Shallow									X	
Monomethylhydrazine	HAR-04	2011 Q2	Primary Sample	0.78 J	--	ug/L	--	Shallow			X							
	HAR-16	2011 Q1	Field Duplicate	1.5 J	--	ug/L	--	Chatsworth		X	X		X					
	HAR-33	2011 Q3	Primary Sample	0.5 J	--	ug/L	--	Shallow			X							
	RD-02	2011 Q3	Primary Sample	0.86 J	--	ug/L	--	Chatsworth							X			
	RD-58C	2011 Q3	Primary Sample	0.29 J	--	ug/L	--	Chatsworth			X				X			
m-Xylene & p-Xylene	RD-96	2011 Q1	Primary Sample	0.85 J	1750	ug/L	Cal MCL	Chatsworth							X			
Naphthalene	PZ-140	2011 Q3	Primary Sample	0.0069 J	17	ug/L	Notification Level	Shallow									X	
	PZ-141	2011 Q3	Primary Sample	0.0054 J	17	ug/L	Notification Level	Shallow									X	
	PZ-144	2011 Q3	Primary Sample	0.0075 J	17	ug/L	Notification Level	Shallow									X	
	PZ-146 *	2011 Q2	Primary Sample	0.0063 J	17	ug/L	Notification Level	Shallow									X	
	PZ-147 *	2011 Q2	Primary Sample	0.0057 J	17	ug/L	Notification Level	Shallow									X	
	PZ-148 *	2011 Q2	Primary Sample	0.01 J	17	ug/L	Notification Level	Shallow									X	
	PZ-149	2011 Q2	Primary Sample	0.006 J	17	ug/L	Notification Level	Shallow									X	
	PZ-159	2011 Q3	Primary Sample	0.01 J	17	ug/L	Notification Level	Shallow									X	
Nickel	ES-17	2011 Q2	Primary Sample	0.0015 J	0.017	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-02 *	2011 Q2	Primary Sample	0.004	0.017	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-25 *	2011 Q2	Primary Sample	0.00052 J	0.017	mg/L	SSFL Comparison	Chatsworth			X							
	HAR-32 *	2011 Q2	Primary Sample	0.0019 J	0.017	mg/L	SSFL Comparison	Shallow			X							
	PZ-041	2011 Q1	Primary Sample	0.0049	0.017	mg/L	SSFL Comparison	Shallow									X	
	PZ-108 *	2011 Q3	Primary Sample	0.0019 J	0.017	mg/L	SSFL Comparison	Shallow							X			
	RD-104 *	2011 Q2	Primary Sample	0.0052	0.017	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-13 *	2011 Q1	Primary Sample	0.0026	0.017	mg/L	SSFL Comparison	Chatsworth									X	
	RD-18 *	2011 Q3	Primary Sample	0.0018 J	0.017	mg/L	SSFL Comparison	Chatsworth							X			
	RD-19 *	2011 Q3	Primary Sample	0.0022	0.017	mg/L	SSFL Comparison	Chatsworth							X			
	RD-33A (Port 2) *	2011 Q3	Primary Sample	0.0016 J	0.017	mg/L	SSFL Comparison	Chatsworth							X			
	RD-33B *	2011 Q3	Primary Sample	0.00082 J	0.017	mg/L	SSFL Comparison	Chatsworth							X			
	RD-33C *	2011 Q3	Primary Sample	0.0005 J	0.017	mg/L	SSFL Comparison	Chatsworth							X			
	RD-34C *	2011 Q3	Primary Sample	0.001 J	0.017	mg/L	SSFL Comparison	Chatsworth							X			
	RD-50 (Port 2) *	2011 Q3	Primary Sample	0.00064 J	0.017	mg/L	SSFL Comparison	Chatsworth							X			
	RD-50 (Port 2) *	2011 Q3	Split Sample	0.00055 J	0.017	mg/L	SSFL Comparison	Chatsworth							X			
	RD-54A (Port 2) *	2011 Q3	Primary Sample	0.00076 J	0.017	mg/L	SSFL Comparison	Chatsworth							X			
	RD-57 (Port 7) *	2011 Q3	Primary Sample	0.0017 J	0.017	mg/L	SSFL Comparison	#N/A							X			
	RD-58A *	2011 Q1	Primary Sample	0.0045	0.017	mg/L	SSFL Comparison	Chatsworth									X	
	RD-59A *	2011 Q3	Primary Sample	0.0022	0.017	mg/L	SSFL Comparison	Chatsworth							X			
	RD-59B *	2011 Q3	Primary Sample	0.00049 J	0.017	mg/L	SSFL Comparison	Chatsworth							X			
	RD-59C *	2011 Q3	Primary Sample	0.00039 J	0.017	mg/L	SSFL Comparison	Chatsworth							X			
	RD-63 *	2011 Q3	Primary Sample	0.0017 J	0.017	mg/L	SSFL Comparison	Chatsworth							X			
	RD-85 *	2011 Q3	Primary Sample	0.0026	0.017	mg/L	SSFL Comparison	Chatsworth							X			
	RD-85 *	2011 Q3	Field Duplicate	0.0026	0.017	mg/L	SSFL Comparison	Chatsworth							X			
	RS-18 *	2011 Q3	Primary Sample	**0.1**	0.017	mg/L	SSFL Comparison	Shallow							X			
Nickel, Dissolved	HAR-02 *	2011 Q2	Primary Sample	0.0022	0.017	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-25	2011 Q2	Primary Sample	0.00051 J	0.017	mg/L	SSFL Comparison	Chatsworth			X							

TABLE 10
FIRST-TIME DETECTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier		Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
										Regulated Unit PCP								Other	
										Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-wide	LUFT	SMOU RFI	Area IV
Nickel, Dissolved	PZ-108	*	2011 Q3	Primary Sample	0.0015 J	0.017	mg/L	SSFL Comparison	Shallow							X			
	PZ-129	*	2011 Q1	Primary Sample	0.0018 J	0.017	mg/L	SSFL Comparison	Shallow									X	
	PZ-144	*	2011 Q1	Primary Sample	0.00059 J	0.017	mg/L	SSFL Comparison	Shallow									X	
	PZ-146	*	2011 Q2	Primary Sample	0.0051	0.017	mg/L	SSFL Comparison	Shallow									X	
	PZ-147	*	2011 Q2	Primary Sample	0.00093 J	0.017	mg/L	SSFL Comparison	Shallow									X	
	PZ-148	*	2011 Q2	Primary Sample	0.00078 J	0.017	mg/L	SSFL Comparison	Shallow									X	
	PZ-149	*	2011 Q2	Primary Sample	0.0026	0.017	mg/L	SSFL Comparison	Shallow									X	
	PZ-152	*	2011 Q2	Primary Sample	0.002	0.017	mg/L	SSFL Comparison	Shallow									X	
	PZ-154	*	2011 Q1	Primary Sample	0.0042	0.017	mg/L	SSFL Comparison	Shallow									X	
	RD-104	*	2011 Q2	Primary Sample	0.0044	0.017	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-63	*	2011 Q3	Primary Sample	0.0014 J	0.017	mg/L	SSFL Comparison	Chatsworth							X			
	RS-13		2011 Q2	Primary Sample	0.0012 J	0.017	mg/L	SSFL Comparison	Shallow									X	
	RS-29	*	2011 Q2	Primary Sample	0.0036	0.017	mg/L	SSFL Comparison	Shallow									X	
Nitrate-NO3	ES-01	*	2011 Q3	Primary Sample	0.51 J	45	mg/L	Cal MCL	Shallow							X			
	PZ-076	*	2011 Q3	Primary Sample	1.4 J	45	mg/L	Cal MCL	Shallow							X			
	PZ-077	*	2011 Q3	Primary Sample	11	45	mg/L	Cal MCL	Shallow							X			
	PZ-129	*	2011 Q1	Primary Sample	7.8	45	mg/L	Cal MCL	Shallow									X	
	PZ-144	*	2011 Q1	Primary Sample	23 J	45	mg/L	Cal MCL	Shallow									X	
	PZ-146		2011 Q3	Primary Sample	0.46 J	45	mg/L	Cal MCL	Shallow									X	
	PZ-148	*	2011 Q2	Primary Sample	0.72 J	45	mg/L	Cal MCL	Shallow									X	
	PZ-149		2011 Q2	Primary Sample	0.25 J	45	mg/L	Cal MCL	Shallow									X	
	PZ-157	*	2011 Q3	Primary Sample	1.8 J	45	mg/L	Cal MCL	Shallow									X	
	RS-29	*	2011 Q2	Primary Sample	1 J	45	mg/L	Cal MCL	Shallow									X	
Nitrite-N	PZ-139		2011 Q1	Primary Sample	0.32 J	1	mg/L	Primary MCL	Shallow									X	
	PZ-139		2011 Q1	Field Duplicate	0.35 J	1	mg/L	Primary MCL	Shallow									X	
	RS-29	*	2011 Q2	Primary Sample	0.22 J	1	mg/L	Primary MCL	Shallow									X	
n-Nitrosodimethylamine	HAR-30		2011 Q2	Primary Sample	**0.01**	0.01	ug/L	Notification Level	Shallow		X	X							
	PZ-146	*	2011 Q2	Primary Sample	0.0065 J	0.01	ug/L	Notification Level	Shallow									X	
	RD-104		2011 Q3	Primary Sample	0.0087	0.01	ug/L	Notification Level	Chatsworth		X	X		X					
	RD-104		2011 Q3	Field Duplicate	0.0089	0.01	ug/L	Notification Level	Chatsworth		X	X		X					
	RD-38B		2011 Q1	Primary Sample	0.0054 J	0.01	ug/L	Notification Level	Chatsworth			X				X			
	RD-45A		2011 Q1	Primary Sample	0.0069	0.01	ug/L	Notification Level	Chatsworth			X							
	RD-45A		2011 Q1	Field Duplicate	0.0065	0.01	ug/L	Notification Level	Chatsworth			X							
	RD-68A		2011 Q3	Primary Sample	**0.01** J	0.01	ug/L	Notification Level	Chatsworth			X				X			
	SH-09		2011 Q1	Primary Sample	0.0064	0.01	ug/L	Notification Level	Shallow		X	X							
	SH-09		2011 Q1	Field Duplicate	0.008	0.01	ug/L	Notification Level	Shallow		X	X							
n-Nitrosodi-n-propylamine	PZ-060		2011 Q2	Primary Sample	**0.42 J**	0.01	ug/L	Notification Level	Shallow			X							
	PZ-155		2011 Q2	Primary Sample	**1.3 J**	0.01	ug/L	Notification Level	Shallow									X	
Octachlorodibenzofuran	HAR-02	*	2011 Q2	Primary Sample	5.9 J	--	pg/L	--	Shallow		X	X		X					
	HAR-33		2011 Q3	Split Sample	0.99 J	--	pg/L	--	Shallow			X							
	PZ-149	*	2011 Q2	Primary Sample	2.3 J	--	pg/L	--	Shallow									X	
	RD-11		2011 Q2	Primary Sample	2.1 J	--	pg/L	--	Chatsworth			X							
	RS-34		2011 Q3	Primary Sample	3.1 J	--	pg/L	--	Shallow		X	X		X					
	RS-34		2011 Q3	Split Sample	0.99 J	--	pg/L	--	Shallow		X	X		X					
	SH-03		2011 Q2	Primary Sample	3.6 J	--	pg/L	--	Shallow		X	X		X					
Octachlorodibenzo-p-dioxin	HAR-02	*	2011 Q2	Primary Sample	78 J	--	pg/L	--	Shallow		X	X		X					
	HAR-33		2011 Q2	Primary Sample	2.3 J	--	pg/L	--	Shallow			X							

TABLE 10
FIRST-TIME DETECTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-wide	LUFT	SMOU RFI	Area IV
Octachlorodibenzo-p-dioxin	RS-34	2011 Q2	Primary Sample	9.1 J	--	pg/L	--	Shallow		X	X		X					
o-Xylene	RD-96	2011 Q1	Primary Sample	0.3 J	1750	ug/L	Cal MCL	Chatsworth							X			
p-Cresol	PZ-146	2011 Q3	Primary Sample	44	63	ug/L	SWGW RBSL	Shallow									X	
Pentachlorodibenzofurans	PZ-140 *	2011 Q2	Split Sample	0.44 J	--	pg/L	--	Shallow									X	
Pentachlorodibenzofurans	RS-34 *	2011 Q3	Split Sample	1.2 J	--	pg/L	--	Shallow		X	X		X					
Pentachlorodibenzo-p-dioxins	RS-34 *	2011 Q3	Split Sample	0.73 J	--	pg/L	--	Shallow		X	X		X					
Perchlorate	HAR-02	2011 Q2	Primary Sample	0.63 J	6	ug/L	Cal MCL	Shallow		X	X		X					
	HAR-02	2011 Q2	Primary Sample	1.3	6	ug/L	Cal MCL	Shallow		X	X		X					
	HAR-05	2011 Q3	Primary Sample	0.55 J	6	ug/L	Cal MCL	Chatsworth			X							
	HAR-05	2011 Q3	Primary Sample	0.3	6	ug/L	Cal MCL	Chatsworth			X							
	RD-35A	2011 Q3	Primary Sample	0.41 J	6	ug/L	Cal MCL	Chatsworth							X			
	RD-35A	2011 Q3	Primary Sample	0.58	6	ug/L	Cal MCL	Chatsworth							X			
	RD-48B	2011 Q2	Primary Sample	2.1	6	ug/L	Cal MCL	Chatsworth			X							
	RD-49C	2011 Q2	Primary Sample	0.78 J	6	ug/L	Cal MCL	Chatsworth			X							
	RD-50 (Port 2)	2011 Q3	Primary Sample	0.81 J	6	ug/L	Cal MCL	Chatsworth							X			
	RD-50 (Port 2)	2011 Q3	Primary Sample	0.41 J	6	ug/L	Cal MCL	Chatsworth							X			
	RD-55A	2011 Q3	Primary Sample	0.92 J	6	ug/L	Cal MCL	Chatsworth			X							
	RD-55A	2011 Q3	Primary Sample	0.31	6	ug/L	Cal MCL	Chatsworth			X							
	RD-58B	2011 Q2	Primary Sample	0.67 J	6	ug/L	Cal MCL	Chatsworth			X							
pH	HAR-02 *	2011 Q2	Primary Sample	6.51	--	pH Units	--	Shallow		X	X		X					
	HAR-11 *	2011 Q2	Primary Sample	6.85	--	pH Units	--	Shallow			X							
	HAR-20 *	2011 Q2	Primary Sample	7.64	--	pH Units	--	Chatsworth			X							
	HAR-21 *	2011 Q2	Primary Sample	7.32	--	pH Units	--	Chatsworth			X							
	PZ-060 *	2011 Q2	Primary Sample	7.94 J	--	pH Units	--	Shallow			X							
	RD-104 *	2011 Q2	Primary Sample	7.13	--	pH Units	--	Chatsworth		X	X		X					
	RD-49C *	2011 Q2	Primary Sample	7.41	--	pH Units	--	Chatsworth			X							
	RS-07 *	2011 Q1	Primary Sample	7.22 J	--	pH Units	--	Shallow			X							
	RS-08 *	2011 Q2	Primary Sample	7.2 J	--	pH Units	--	Shallow			X							
	RS-13 *	2011 Q2	Primary Sample	7.45 J	--	pH Units	--	Shallow			X							
Phenanthrene	PZ-139	2011 Q1	Primary Sample	0.01 J	3800	ug/L	SWGW RBSL	Shallow									X	
	RS-33	2011 Q2	Primary Sample	0.32 J	3800	ug/L	SWGW RBSL	Shallow		X	X		X					
Phenol	PZ-146 *	2011 Q2	Primary Sample	2.7 J	4200	ug/L	rchived Advisory Lev	Shallow									X	
Potassium	HAR-02 *	2011 Q2	Primary Sample	0.9 J	9.6	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-17 *	2011 Q1	Primary Sample	2.6 J	9.6	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-17 *	2011 Q1	Split Sample	2.8 J	9.6	mg/L	SSFL Comparison	Chatsworth									X	
	RD-104 *	2011 Q2	Primary Sample	5.8	9.6	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-13 *	2011 Q1	Primary Sample	3.7 J	9.6	mg/L	SSFL Comparison	Chatsworth									X	
	RD-55A *	2011 Q1	Primary Sample	2.6 J	9.6	mg/L	SSFL Comparison	Chatsworth									X	
	RD-58A *	2011 Q1	Primary Sample	4.6 J	9.6	mg/L	SSFL Comparison	Chatsworth									X	
	RD-58A *	2011 Q1	Split Sample	4 J	9.6	mg/L	SSFL Comparison	Chatsworth									X	
	SH-02	2011 Q1	Primary Sample	1.7 J	9.6	mg/L	SSFL Comparison	Shallow		X								
	SH-03	2011 Q1	Primary Sample	2.1 J	9.6	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-07	2011 Q1	Primary Sample	0.86 J	9.6	mg/L	SSFL Comparison	Shallow	X									
	SH-09	2011 Q1	Primary Sample	0.97 J	9.6	mg/L	SSFL Comparison	Shallow		X	X							
Potassium, Dissolved	PZ-041 *	2011 Q1	Primary Sample	6.5	9.6	mg/L	SSFL Comparison	Shallow									X	
	PZ-129 *	2011 Q1	Primary Sample	4.6	9.6	mg/L	SSFL Comparison	Shallow									X	
	PZ-139 *	2011 Q1	Primary Sample	2.4	9.6	mg/L	SSFL Comparison	Shallow									X	

TABLE 10
FIRST-TIME DETECTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-wide	LUFT	SMOU RFI	Area IV
Potassium, Dissolved	PZ-139 *	2011 Q1	Field Duplicate	2.5	9.6	mg/L	SSFL Comparison	Shallow									X	
	PZ-140 *	2011 Q1	Primary Sample	2.9	9.6	mg/L	SSFL Comparison	Shallow									X	
	PZ-141 *	2011 Q1	Primary Sample	**13**	9.6	mg/L	SSFL Comparison	Shallow									X	
	PZ-141 *	2011 Q1	Split Sample	**12**	9.6	mg/L	SSFL Comparison	Shallow									X	
	PZ-144 *	2011 Q1	Primary Sample	5.3	9.6	mg/L	SSFL Comparison	Shallow									X	
	PZ-146 *	2011 Q2	Primary Sample	**14**	9.6	mg/L	SSFL Comparison	Shallow									X	
	PZ-147 *	2011 Q2	Primary Sample	1.2	9.6	mg/L	SSFL Comparison	Shallow									X	
	PZ-148 *	2011 Q2	Primary Sample	3.2	9.6	mg/L	SSFL Comparison	Shallow									X	
	PZ-149 *	2011 Q2	Primary Sample	8.7	9.6	mg/L	SSFL Comparison	Shallow									X	
	PZ-152 *	2011 Q2	Primary Sample	4.6	9.6	mg/L	SSFL Comparison	Shallow									X	
	PZ-154 *	2011 Q1	Primary Sample	8	9.6	mg/L	SSFL Comparison	Shallow									X	
	PZ-155 *	2011 Q2	Primary Sample	7.4	9.6	mg/L	SSFL Comparison	Shallow									X	
	PZ-157 *	2011 Q3	Primary Sample	**13**	9.6	mg/L	SSFL Comparison	Shallow									X	
	PZ-158 *	2011 Q1	Primary Sample	**16**	9.6	mg/L	SSFL Comparison	Shallow									X	
	PZ-159 *	2011 Q1	Primary Sample	2.6	9.6	mg/L	SSFL Comparison	Shallow									X	
	RD-104 *	2011 Q2	Primary Sample	5.6	9.6	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RS-29 *	2011 Q2	Primary Sample	6.6	9.6	mg/L	SSFL Comparison	Shallow									X	
Potassium-40, Particulate	RD-33A (Port 2)	2011 Q3	Primary Sample	11 J ± 7.487	--	pCi/L	--	Chatsworth							X			
	RD-34A	2011 Q3	Primary Sample	13.45 J ± 9.821	--	pCi/L	--	Chatsworth							X			
	RD-34C	2011 Q3	Primary Sample	10.72 J ± 7.413	--	pCi/L	--	Chatsworth							X			
	RD-59C	2011 Q3	Primary Sample	2.437 J ± 1.708	--	pCi/L	--	Chatsworth							X			
	RD-86	2011 Q3	Primary Sample	12.72 J ± 7.699	--	pCi/L	--	Chatsworth							X			
Selenium	ES-17	2011 Q2	Primary Sample	**0.0024 J**	0.0016	mg/L	SSFL Comparison	Shallow		X	X		X					
	ES-27	2011 Q2	Primary Sample	0.001 J	0.0016	mg/L	SSFL Comparison	Shallow			X							
	HAR-02 *	2011 Q2	Primary Sample	**0.0045 J**	0.0016	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-19	2011 Q2	Primary Sample	**0.0018 J**	0.0016	mg/L	SSFL Comparison	Chatsworth		X	X							
	HAR-21	2011 Q2	Primary Sample	0.0007 J	0.0016	mg/L	SSFL Comparison	Chatsworth			X							
	HAR-25 *	2011 Q2	Primary Sample	**0.002 J**	0.0016	mg/L	SSFL Comparison	Chatsworth			X							
	HAR-28	2011 Q2	Primary Sample	0.00079 J	0.0016	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-32 *	2011 Q2	Primary Sample	**0.0036 J**	0.0016	mg/L	SSFL Comparison	Shallow			X							
	PZ-035	2011 Q2	Primary Sample	**0.0016** J	0.0016	mg/L	SSFL Comparison	Shallow			X							
	RD-50 (Port 2) *	2011 Q3	Primary Sample	**0.0053**	0.0016	mg/L	SSFL Comparison	Chatsworth							X			
	RD-50 (Port 2) *	2011 Q3	Split Sample	**0.0056**	0.0016	mg/L	SSFL Comparison	Chatsworth							X			
	RD-57 (Port 7) *	2011 Q3	Primary Sample	**0.0024 J**	0.0016	mg/L	SSFL Comparison	#N/A							X			
	RD-63 *	2011 Q3	Primary Sample	0.0012 J	0.0016	mg/L	SSFL Comparison	Chatsworth							X			
	RS-18 *	2011 Q3	Primary Sample	**0.0033 J**	0.0016	mg/L	SSFL Comparison	Shallow							X			
	RS-34	2011 Q2	Primary Sample	0.0013 J	0.0016	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-03	2011 Q2	Primary Sample	0.00079 J	0.0016	mg/L	SSFL Comparison	Shallow		X	X		X					
Selenium, Dissolved	ES-17	2011 Q2	Primary Sample	**0.0032 J**	0.0016	mg/L	SSFL Comparison	Shallow		X	X		X					
	ES-27	2011 Q2	Primary Sample	**0.0017 J**	0.0016	mg/L	SSFL Comparison	Shallow			X							
	HAR-02 *	2011 Q2	Primary Sample	**0.0054**	0.0016	mg/L	SSFL Comparison	Shallow		X	X		X					
	PZ-144 *	2011 Q1	Primary Sample	**0.0033 J**	0.0016	mg/L	SSFL Comparison	Shallow									X	
	PZ-152 *	2011 Q2	Primary Sample	**0.003 J**	0.0016	mg/L	SSFL Comparison	Shallow									X	
	PZ-154 *	2011 Q1	Primary Sample	**0.0016** J	0.0016	mg/L	SSFL Comparison	Shallow									X	
	PZ-159	2011 Q2	Primary Sample	0.0011 J	0.0016	mg/L	SSFL Comparison	Shallow									X	
	RS-29 *	2011 Q2	Primary Sample	0.00082 J	0.0016	mg/L	SSFL Comparison	Shallow									X	
	RS-34	2011 Q2	Primary Sample	0.0015 J	0.0016	mg/L	SSFL Comparison	Shallow		X	X		X					

TABLE 10
FIRST-TIME DETECTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-wide	LUFT	SMOU RFI	Area IV
Selenium, Dissolved	SH-03	2011 Q2	Primary Sample	0.0013 J	0.0016	mg/L	SSFL Comparison	Shallow		X	X		X					
Silver	HAR-02 *	2011 Q2	Primary Sample	0.00002 J	0.00017	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-03	2011 Q2	Primary Sample	0.00002 J	0.00017	mg/L	SSFL Comparison	Shallow			X							
	HAR-09	2011 Q2	Primary Sample	0.000018 J	0.00017	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-17	2011 Q1	Primary Sample	0.000016 J	0.00017	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-21	2011 Q2	Primary Sample	0.000016 J	0.00017	mg/L	SSFL Comparison	Chatsworth			X							
	HAR-28	2011 Q2	Primary Sample	0.000018 J	0.00017	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-29	2011 Q2	Primary Sample	0.000021 J	0.00017	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-30	2011 Q2	Primary Sample	0.00002 J	0.00017	mg/L	SSFL Comparison	Shallow		X	X							
	PZ-041	2011 Q1	Primary Sample	0.000059 J	0.00017	mg/L	SSFL Comparison	Shallow									X	
	RD-104 *	2011 Q2	Primary Sample	0.000016 J	0.00017	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-33A (Port 2) *	2011 Q3	Primary Sample	0.000021 J	0.00017	mg/L	SSFL Comparison	Chatsworth							X			
	RD-49C	2011 Q2	Primary Sample	0.000021 J	0.00017	mg/L	SSFL Comparison	Chatsworth			X							
	SH-03	2011 Q2	Primary Sample	0.000024 J	0.00017	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-09	2011 Q2	Primary Sample	0.000018 J	0.00017	mg/L	SSFL Comparison	Shallow		X	X							
	SH-11	2011 Q2	Primary Sample	0.000032 J	0.00017	mg/L	SSFL Comparison	Shallow			X							
Silver, Dissolved	HAR-03	2011 Q2	Primary Sample	0.000019 J	0.00017	mg/L	SSFL Comparison	Shallow			X							
	HAR-17	2011 Q1	Primary Sample	0.000022 J	0.00017	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-26	2011 Q2	Primary Sample	0.000022 J	0.00017	mg/L	SSFL Comparison	Chatsworth			X							
	HAR-29	2011 Q2	Primary Sample	0.000017 J	0.00017	mg/L	SSFL Comparison	Shallow		X	X							
	PZ-144	2011 Q2	Field Duplicate	0.000018 J	0.00017	mg/L	SSFL Comparison	Shallow									X	
	PZ-149 *	2011 Q2	Primary Sample	0.00016 J	0.00017	mg/L	SSFL Comparison	Shallow									X	
	PZ-154 *	2011 Q1	Primary Sample	0.000035 J	0.00017	mg/L	SSFL Comparison	Shallow									X	
	RD-11	2011 Q2	Primary Sample	0.000019 J	0.00017	mg/L	SSFL Comparison	Chatsworth			X							
	RD-49C	2011 Q2	Primary Sample	0.000017 J	0.00017	mg/L	SSFL Comparison	Chatsworth			X							
	RD-50 (Port 2)	2011 Q3	Primary Sample	0.000026 J	0.00017	mg/L	SSFL Comparison	Chatsworth							X			
	RD-58A	2011 Q1	Primary Sample	0.000016 J	0.00017	mg/L	SSFL Comparison	Chatsworth									X	
	RD-63	2011 Q3	Primary Sample	0.00002 J	0.00017	mg/L	SSFL Comparison	Chatsworth							X			
Sodium	HAR-02 *	2011 Q2	Primary Sample	37	190	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-17 *	2011 Q1	Primary Sample	120	190	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-17 *	2011 Q1	Split Sample	100	190	mg/L	SSFL Comparison	Chatsworth									X	
	RD-104 *	2011 Q2	Primary Sample	83	190	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-13 *	2011 Q1	Primary Sample	49	190	mg/L	SSFL Comparison	Chatsworth									X	
	RD-18 *	2011 Q3	Primary Sample	40	190	mg/L	SSFL Comparison	Chatsworth							X			
	RD-19 *	2011 Q3	Primary Sample	91	190	mg/L	SSFL Comparison	Chatsworth							X			
	RD-34A *	2011 Q3	Primary Sample	75	190	mg/L	SSFL Comparison	Chatsworth							X			
	RD-34C *	2011 Q3	Primary Sample	39	190	mg/L	SSFL Comparison	Chatsworth							X			
	RD-55A *	2011 Q1	Primary Sample	61	190	mg/L	SSFL Comparison	Chatsworth									X	
	RD-58A *	2011 Q1	Primary Sample	94	190	mg/L	SSFL Comparison	Chatsworth									X	
	RD-58A *	2011 Q1	Split Sample	83	190	mg/L	SSFL Comparison	Chatsworth									X	
	RD-59A *	2011 Q3	Primary Sample	95	190	mg/L	SSFL Comparison	Chatsworth							X			
	RD-59B *	2011 Q3	Primary Sample	98	190	mg/L	SSFL Comparison	Chatsworth							X			
	RD-59C *	2011 Q3	Primary Sample	140	190	mg/L	SSFL Comparison	Chatsworth							X			
	RD-63 *	2011 Q3	Primary Sample	57	190	mg/L	SSFL Comparison	Chatsworth							X			
	RD-85 *	2011 Q3	Primary Sample	87	190	mg/L	SSFL Comparison	Chatsworth							X			
	RD-85 *	2011 Q3	Field Duplicate	86	190	mg/L	SSFL Comparison	Chatsworth							X			
	RD-86 *	2011 Q3	Primary Sample	95	190	mg/L	SSFL Comparison	Chatsworth							X			

TABLE 10
FIRST-TIME DETECTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-wide	LUFT	SMOU RFI	Area IV
Sodium, Dissolved	PZ-041 *	2011 Q1	Primary Sample	67	190	mg/L	SSFL Comparison	Shallow									X	
	PZ-129 *	2011 Q1	Primary Sample	140	190	mg/L	SSFL Comparison	Shallow									X	
	PZ-139 *	2011 Q1	Primary Sample	120	190	mg/L	SSFL Comparison	Shallow									X	
	PZ-139 *	2011 Q1	Field Duplicate	120	190	mg/L	SSFL Comparison	Shallow									X	
	PZ-140 *	2011 Q1	Primary Sample	72	190	mg/L	SSFL Comparison	Shallow									X	
	PZ-141 *	2011 Q1	Primary Sample	130	190	mg/L	SSFL Comparison	Shallow									X	
	PZ-141 *	2011 Q1	Split Sample	120	190	mg/L	SSFL Comparison	Shallow									X	
	PZ-144 *	2011 Q1	Primary Sample	75	190	mg/L	SSFL Comparison	Shallow									X	
	PZ-146 *	2011 Q2	Primary Sample	170	190	mg/L	SSFL Comparison	Shallow									X	
	PZ-147 *	2011 Q2	Primary Sample	37	190	mg/L	SSFL Comparison	Shallow									X	
	PZ-148 *	2011 Q2	Primary Sample	66	190	mg/L	SSFL Comparison	Shallow									X	
	PZ-149 *	2011 Q2	Primary Sample	89	190	mg/L	SSFL Comparison	Shallow									X	
	PZ-152 *	2011 Q2	Primary Sample	79	190	mg/L	SSFL Comparison	Shallow									X	
	PZ-154 *	2011 Q1	Primary Sample	140	190	mg/L	SSFL Comparison	Shallow									X	
	PZ-155 *	2011 Q2	Primary Sample	150	190	mg/L	SSFL Comparison	Shallow									X	
	PZ-157 *	2011 Q3	Primary Sample	150	190	mg/L	SSFL Comparison	Shallow									X	
	PZ-158 *	2011 Q1	Primary Sample	140	190	mg/L	SSFL Comparison	Shallow									X	
	PZ-159 *	2011 Q1	Primary Sample	40	190	mg/L	SSFL Comparison	Shallow									X	
	RD-104 *	2011 Q2	Primary Sample	84	190	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-85 *	2011 Q3	Primary Sample	86	190	mg/L	SSFL Comparison	Chatsworth							X			
	RD-85 *	2011 Q3	Field Duplicate	87	190	mg/L	SSFL Comparison	Chatsworth							X			
	RD-86 *	2011 Q3	Primary Sample	95	190	mg/L	SSFL Comparison	Chatsworth							X			
	RS-29 *	2011 Q2	Primary Sample	92	190	mg/L	SSFL Comparison	Shallow									X	
Sodium-22, Particulate	RD-98	2011 Q3	Primary Sample	0.925 J ± 0.742	400	pCi/L	Primary MCL (a)	Chatsworth										X
Specific conductivity	HAR-02 *	2011 Q2	Primary Sample	580	900	umhos/cm	Recommended SMCL	Shallow		X	X		X					
	RD-104 *	2011 Q2	Primary Sample	990	900	umhos/cm	Recommended SMCL	Chatsworth		X	X		X					
Strontium	HAR-02 *	2011 Q2	Primary Sample	0.39	0.8	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-17 *	2011 Q1	Primary Sample	**0.83**	0.8	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-17 *	2011 Q1	Split Sample	**0.8**	0.8	mg/L	SSFL Comparison	Chatsworth									X	
	PZ-041 *	2011 Q1	Primary Sample	0.39	0.8	mg/L	SSFL Comparison	Shallow									X	
	RD-104 *	2011 Q2	Primary Sample	0.34	0.8	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-13 *	2011 Q1	Primary Sample	0.5	0.8	mg/L	SSFL Comparison	Chatsworth									X	
	RD-58A *	2011 Q1	Primary Sample	0.54	0.8	mg/L	SSFL Comparison	Chatsworth									X	
	RD-58A *	2011 Q1	Split Sample	0.49	0.8	mg/L	SSFL Comparison	Chatsworth									X	
Strontium, Dissolved	HAR-02 *	2011 Q2	Primary Sample	0.4	0.8	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-17 *	2011 Q1	Primary Sample	0.74	0.8	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-17 *	2011 Q1	Split Sample	**0.86**	0.8	mg/L	SSFL Comparison	Chatsworth									X	
	PZ-041 *	2011 Q1	Primary Sample	0.36	0.8	mg/L	SSFL Comparison	Shallow									X	
	RD-104 *	2011 Q2	Primary Sample	0.33	0.8	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-58A *	2011 Q1	Primary Sample	0.52	0.8	mg/L	SSFL Comparison	Chatsworth									X	
	RD-58A *	2011 Q1	Split Sample	0.52	0.8	mg/L	SSFL Comparison	Chatsworth									X	
Strontium-90, Particulate	RD-56B *	2011 Q3	Primary Sample	1.575 ± 0.551	8	pCi/L	Primary MCL	Chatsworth							X			
Sulfate	PZ-129 *	2011 Q1	Primary Sample	290	376	mg/L	SSFL Comparison	Shallow									X	
	PZ-144 *	2011 Q1	Primary Sample	31	376	mg/L	SSFL Comparison	Shallow									X	
	PZ-146 *	2011 Q2	Primary Sample	**490**	376	mg/L	SSFL Comparison	Shallow									X	
	PZ-147 *	2011 Q2	Primary Sample	22	376	mg/L	SSFL Comparison	Shallow									X	
	PZ-148 *	2011 Q2	Primary Sample	60	376	mg/L	SSFL Comparison	Shallow									X	

TABLE 10
FIRST-TIME DETECTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier		Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
										Regulated Unit PCP								Other	
										Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-wide	LUFT	SMOU RFI	Area IV
Sulfate	PZ-157	*	2011 Q3	Primary Sample	69	376	mg/L	SSFL Comparison	Shallow									X	
	RD-104	*	2011 Q2	Primary Sample	110	376	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RS-29	*	2011 Q2	Primary Sample	26	376	mg/L	SSFL Comparison	Shallow									X	
Sulfide	PZ-060		2011 Q2	Primary Sample	0.0088 J	--	mg/L	--	Shallow			X							
	RD-104	*	2011 Q2	Primary Sample	0.012 J	--	mg/L	--	Chatsworth		X	X		X					
	RD-11		2011 Q2	Primary Sample	0.029 J	--	mg/L	--	Chatsworth			X							
Tetrachloroethene	HAR-02		2011 Q2	Primary Sample	0.35 J	5	ug/L	Primary MCL	Shallow		X	X		X					
Thallium	HAR-03		2011 Q2	Primary Sample	0.000029 J	0.00013	mg/L	SSFL Comparison	Shallow			X							
	HAR-21		2011 Q2	Primary Sample	0.000022 J	0.00013	mg/L	SSFL Comparison	Chatsworth			X							
	HAR-29		2011 Q2	Primary Sample	0.000023 J	0.00013	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-30		2011 Q2	Primary Sample	0.000025 J	0.00013	mg/L	SSFL Comparison	Shallow		X	X							
	PZ-035		2011 Q2	Primary Sample	0.000037 J	0.00013	mg/L	SSFL Comparison	Shallow			X							
	RD-85	*	2011 Q3	Primary Sample	0.000037 J	0.00013	mg/L	SSFL Comparison	Chatsworth							X			
	RD-85	*	2011 Q3	Field Duplicate	0.000038 J	0.00013	mg/L	SSFL Comparison	Chatsworth							X			
	RS-18	*	2011 Q3	Primary Sample	0.000029 J	0.00013	mg/L	SSFL Comparison	Shallow							X			
Thallium, Dissolved	HAR-03		2011 Q2	Primary Sample	0.000021 J	0.00013	mg/L	SSFL Comparison	Shallow			X							
	HAR-26		2011 Q2	Primary Sample	0.000024 J	0.00013	mg/L	SSFL Comparison	Chatsworth			X							
	PZ-148	*	2011 Q2	Primary Sample	0.00008 J	0.00013	mg/L	SSFL Comparison	Shallow									X	
	PZ-154	*	2011 Q1	Primary Sample	0.000056 J	0.00013	mg/L	SSFL Comparison	Shallow									X	
	PZ-159		2011 Q1	Primary Sample	0.000033 J	0.00013	mg/L	SSFL Comparison	Shallow									X	
	RD-104	*	2011 Q2	Primary Sample	0.000021 J	0.00013	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-18		2011 Q3	Primary Sample	0.000026 J	0.00013	mg/L	SSFL Comparison	Chatsworth							X			
	RD-19		2011 Q3	Primary Sample	0.00002 J	0.00013	mg/L	SSFL Comparison	Chatsworth							X			
	RD-63	*	2011 Q3	Primary Sample	0.000064 J	0.00013	mg/L	SSFL Comparison	Chatsworth							X			
	RD-85		2011 Q3	Primary Sample	0.000036 J	0.00013	mg/L	SSFL Comparison	Chatsworth							X			
	RD-85		2011 Q3	Field Duplicate	0.000035 J	0.00013	mg/L	SSFL Comparison	Chatsworth							X			
	RS-13		2011 Q2	Primary Sample	0.000042 J	0.00013	mg/L	SSFL Comparison	Shallow									X	
	RS-18		2011 Q3	Primary Sample	0.000042 J	0.00013	mg/L	SSFL Comparison	Shallow							X			
Tin	ES-17		2011 Q2	Primary Sample	0.00089 J	0.0024	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-25	*	2011 Q2	Primary Sample	**0.0028 J**	0.0024	mg/L	SSFL Comparison	Chatsworth			X							
	HAR-32	*	2011 Q2	Primary Sample	0.00023 J	0.0024	mg/L	SSFL Comparison	Shallow			X							
Tin, Dissolved	HAR-17		2011 Q1	Primary Sample	0.00018 J	0.0024	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-26		2011 Q2	Primary Sample	0.00018 J	0.0024	mg/L	SSFL Comparison	Chatsworth			X							
Toluene	RD-96		2011 Q1	Primary Sample	1.1	150	ug/L	Cal MCL	Chatsworth							X			
Total Alkalinity	HAR-02	*	2011 Q2	Primary Sample	260	--	mg/L	--	Shallow		X	X		X					
	RD-104	*	2011 Q2	Primary Sample	420	--	mg/L	--	Chatsworth		X	X		X					
	SH-09		2011 Q1	Primary Sample	340	--	mg/L	--	Shallow		X	X							
Total Dissolved Solids	RD-104	*	2011 Q2	Primary Sample	590	--	mg/L	Recommended SMCL	Chatsworth		X	X		X					
trans-1,2-Dichloroethene	PZ-149		2011 Q1	Primary Sample	0.2 J	10	ug/L	Cal MCL	Shallow									X	
	RD-104	*	2011 Q2	Primary Sample	4	10	ug/L	Cal MCL	Chatsworth		X	X		X					
	RD-53		2011 Q3	Primary Sample	0.16 J	10	ug/L	Cal MCL	Chatsworth			X					X		
Trichloroethene	PZ-129	*	2011 Q1	Primary Sample	3.4 J	5	ug/L	Primary MCL	Shallow									X	
	PZ-144		2011 Q3	Primary Sample	2.7 J	5	ug/L	Primary MCL	Shallow									X	
	PZ-146	*	2011 Q2	Primary Sample	4.3 J	5	ug/L	Primary MCL	Shallow									X	
	PZ-147	*	2011 Q2	Primary Sample	**87 J**	5	ug/L	Primary MCL	Shallow									X	
	RD-104	*	2011 Q2	Primary Sample	**16**	5	ug/L	Primary MCL	Chatsworth		X	X		X					
	RD-82		2011 Q1	Primary Sample	0.31 J	5	ug/L	Primary MCL	Chatsworth							X			

TABLE 10
FIRST-TIME DETECTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-wide	LUFT	SMOU RFI	Area IV
Trichloroethene	RD-83	2011 Q1	Primary Sample	0.36 J	5	ug/L	Primary MCL	Chatsworth							X			
Trichlorofluoromethane	RS-18	2011 Q3	Primary Sample	1.7 J	150	ug/L	Cal MCL	Shallow							X			
Turbidity	HAR-02 *	2011 Q2	Primary Sample	1.4	5	NTU	Secondary MCL	Shallow		X	X		X					
	HAR-14	2011 Q1	Primary Sample	0.48	5	NTU	Secondary MCL	Shallow		X	X		X					
	RD-104 *	2011 Q2	Primary Sample	**56**	5	NTU	Secondary MCL	Chatsworth		X	X		X					
	SH-02	2011 Q1	Primary Sample	1.2	5	NTU	Secondary MCL	Shallow		X								
	SH-03	2011 Q1	Primary Sample	0.74	5	NTU	Secondary MCL	Shallow		X	X		X					
	SH-07	2011 Q1	Primary Sample	0.84	5	NTU	Secondary MCL	Shallow	X									
	SH-09	2011 Q1	Primary Sample	0.5	5	NTU	Secondary MCL	Shallow		X	X							
Uranium-233/234, Dissolved	PZ-124 *	2011 Q3	Primary Sample	**28.37 ± 5.174**	20	pCi/L	Cal MCL	Shallow							X			
	RD-20 *	2011 Q3	Primary Sample	5.455 ± 1.223	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-33B	2011 Q1	Primary Sample	0.171 J ± 0.086	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-33C	2011 Q1	Primary Sample	0.188 J ± 0.082	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-34C	2011 Q1	Primary Sample	0.157 J ± 0.079	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-59B	2011 Q1	Primary Sample	0.259 J ± 0.058	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-59B	2011 Q1	Field Duplicate	0.254 J ± 0.061	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-59C	2011 Q1	Primary Sample	0.207 J ± 0.071	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-60 *	2011 Q3	Primary Sample	4.777 ± 1.027	20	pCi/L	Cal MCL	Chatsworth							X			
Uranium-233/234, Particulate	PZ-124 *	2011 Q3	Primary Sample	0.188 J ± 0.139	20	pCi/L	Cal MCL	Shallow							X			
	RD-33A (Port 2)	2011 Q3	Primary Sample	0.232 J ± 0.156	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-56B *	2011 Q3	Primary Sample	1.986 J ± 0.93	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-85	2011 Q3	Field Duplicate	0.143 J ± 0.135	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-86	2011 Q3	Primary Sample	0.157 J ± 0.127	20	pCi/L	Cal MCL	Chatsworth							X			
	RS-18 *	2011 Q3	Primary Sample	0.207 J ± 0.142	20	pCi/L	Cal MCL	Shallow							X			
Uranium-235, Dissolved	PZ-124 *	2011 Q3	Primary Sample	1.929 ± 0.698	20	pCi/L	Cal MCL	Shallow							X			
	RD-20 *	2011 Q3	Primary Sample	0.365 J ± 0.266	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-60 *	2011 Q3	Primary Sample	0.276 J ± 0.204	20	pCi/L	Cal MCL	Chatsworth							X			
Uranium-238, Dissolved	PZ-124 *	2011 Q3	Primary Sample	**25.2 ± 4.645**	20	pCi/L	Cal MCL	Shallow							X			
	RD-20 *	2011 Q3	Primary Sample	5.166 ± 1.173	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-33B	2011 Q1	Primary Sample	0.103 J ± 0.069	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-33C	2011 Q1	Primary Sample	0.065 J ± 0.049	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-59B	2011 Q1	Primary Sample	0.128 J ± 0.045	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-59B	2011 Q1	Field Duplicate	0.106 J ± 0.036	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-59C	2011 Q1	Primary Sample	0.062 J ± 0.035	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-60 *	2011 Q3	Primary Sample	3.328 ± 0.791	20	pCi/L	Cal MCL	Chatsworth							X			
Uranium-238, Particulate	RD-54A (Port 2) *	2011 Q3	Primary Sample	0.114 J ± 0.107	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-56B *	2011 Q3	Primary Sample	1.223 J ± 0.689	20	pCi/L	Cal MCL	Chatsworth							X			
Vanadium	HAR-02 *	2011 Q2	Primary Sample	0.0011 J	0.0026	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-25 *	2011 Q2	Primary Sample	**0.0026** J	0.0026	mg/L	SSFL Comparison	Chatsworth			X							
	HAR-27	2011 Q2	Primary Sample	0.0005 J	0.0026	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-32 *	2011 Q2	Primary Sample	0.0013 J	0.0026	mg/L	SSFL Comparison	Shallow			X							
	PZ-041	2011 Q1	Primary Sample	**0.0043 J**	0.0026	mg/L	SSFL Comparison	Shallow									X	
	PZ-108 *	2011 Q3	Primary Sample	**0.0026** J	0.0026	mg/L	SSFL Comparison	Shallow							X			
	RD-104 *	2011 Q2	Primary Sample	0.0022 J	0.0026	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-13 *	2011 Q1	Primary Sample	0.0016 J	0.0026	mg/L	SSFL Comparison	Chatsworth									X	
	RD-18 *	2011 Q3	Primary Sample	**0.0037 J**	0.0026	mg/L	SSFL Comparison	Chatsworth							X			
	RD-19 *	2011 Q3	Primary Sample	0.0012 J	0.0026	mg/L	SSFL Comparison	Chatsworth							X			

TABLE 10
FIRST-TIME DETECTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-wide	LUFT	SMOU RFI	Area IV
Vanadium	RD-33A (Port 2) *	2011 Q3	Primary Sample	0.00017 J	0.0026	mg/L	SSFL Comparison	Chatsworth							X			
	RD-50 (Port 2) *	2011 Q3	Primary Sample	**0.003 J**	0.0026	mg/L	SSFL Comparison	Chatsworth							X			
	RD-50 (Port 2) *	2011 Q3	Split Sample	**0.0034**	0.0026	mg/L	SSFL Comparison	Chatsworth							X			
	RD-57 (Port 7) *	2011 Q3	Primary Sample	0.0013 J	0.0026	mg/L	SSFL Comparison	#N/A							X			
	RD-59A *	2011 Q3	Primary Sample	0.00038 J	0.0026	mg/L	SSFL Comparison	Chatsworth							X			
	RD-63 *	2011 Q3	Primary Sample	0.00023 J	0.0026	mg/L	SSFL Comparison	Chatsworth							X			
	RD-85 *	2011 Q3	Primary Sample	0.00087 J	0.0026	mg/L	SSFL Comparison	Chatsworth							X			
	RD-85 *	2011 Q3	Field Duplicate	0.00087 J	0.0026	mg/L	SSFL Comparison	Chatsworth							X			
	RS-18 *	2011 Q3	Primary Sample	0.002 J	0.0026	mg/L	SSFL Comparison	Shallow							X			
Vanadium, Dissolved	HAR-02 *	2011 Q2	Primary Sample	0.0009 J	0.0026	mg/L	SSFL Comparison	Shallow		X	X		X					
	PZ-035	2011 Q2	Primary Sample	0.0013 J	0.0026	mg/L	SSFL Comparison	Shallow			X							
	PZ-041 *	2011 Q1	Primary Sample	0.0019 J	0.0026	mg/L	SSFL Comparison	Shallow									X	
	PZ-108 *	2011 Q3	Primary Sample	0.0022 J	0.0026	mg/L	SSFL Comparison	Shallow							X			
	PZ-129 *	2011 Q1	Primary Sample	0.0013 J	0.0026	mg/L	SSFL Comparison	Shallow									X	
	PZ-144 *	2011 Q1	Primary Sample	**0.005 J**	0.0026	mg/L	SSFL Comparison	Shallow									X	
	PZ-146 *	2011 Q2	Primary Sample	0.0018 J	0.0026	mg/L	SSFL Comparison	Shallow									X	
	PZ-147 *	2011 Q2	Primary Sample	0.00099 J	0.0026	mg/L	SSFL Comparison	Shallow									X	
	PZ-148 *	2011 Q2	Primary Sample	0.0014 J	0.0026	mg/L	SSFL Comparison	Shallow									X	
	PZ-149 *	2011 Q2	Primary Sample	0.0018 J	0.0026	mg/L	SSFL Comparison	Shallow									X	
	PZ-152 *	2011 Q2	Primary Sample	**0.0026** J	0.0026	mg/L	SSFL Comparison	Shallow									X	
	PZ-154 *	2011 Q1	Primary Sample	0.0024 J	0.0026	mg/L	SSFL Comparison	Shallow									X	
	PZ-157 *	2011 Q3	Primary Sample	0.0024 J	0.0026	mg/L	SSFL Comparison	Shallow									X	
	RD-13	2011 Q1	Primary Sample	0.0015 J	0.0026	mg/L	SSFL Comparison	Chatsworth									X	
	RD-19	2011 Q3	Primary Sample	0.0012 J	0.0026	mg/L	SSFL Comparison	Chatsworth							X			
	RD-34A	2011 Q3	Primary Sample	0.00044 J	0.0026	mg/L	SSFL Comparison	Chatsworth							X			
	RD-63 *	2011 Q3	Primary Sample	0.00014 J	0.0026	mg/L	SSFL Comparison	Chatsworth							X			
	RS-13 *	2011 Q2	Primary Sample	0.0022 J	0.0026	mg/L	SSFL Comparison	Shallow									X	
	RS-29 *	2011 Q2	Primary Sample	**0.0049 J**	0.0026	mg/L	SSFL Comparison	Shallow									X	
Vinyl chloride	RD-104	2011 Q3	Primary Sample	**2.3**	0.5	ug/L	Cal MCL	Chatsworth		X	X		X					
Zinc	HAR-02 *	2011 Q2	Primary Sample	0.01 J	6.3	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-25 *	2011 Q2	Primary Sample	0.19	6.3	mg/L	SSFL Comparison	Chatsworth			X							
	PZ-108 *	2011 Q3	Primary Sample	0.0057 J	6.3	mg/L	SSFL Comparison	Shallow							X			
	RD-104 *	2011 Q2	Primary Sample	0.0078 J	6.3	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-13 *	2011 Q1	Primary Sample	0.086	6.3	mg/L	SSFL Comparison	Chatsworth									X	
	RD-18 *	2011 Q3	Primary Sample	0.52	6.3	mg/L	SSFL Comparison	Chatsworth							X			
	RD-19 *	2011 Q3	Primary Sample	0.049	6.3	mg/L	SSFL Comparison	Chatsworth							X			
	RD-33A (Port 2) *	2011 Q3	Primary Sample	0.18	6.3	mg/L	SSFL Comparison	Chatsworth							X			
	RD-33B *	2011 Q3	Primary Sample	0.013 J	6.3	mg/L	SSFL Comparison	Chatsworth							X			
	RD-33C *	2011 Q3	Primary Sample	0.23	6.3	mg/L	SSFL Comparison	Chatsworth							X			
	RD-34C *	2011 Q3	Primary Sample	1.8	6.3	mg/L	SSFL Comparison	Chatsworth							X			
	RD-50 (Port 2) *	2011 Q3	Primary Sample	0.15	6.3	mg/L	SSFL Comparison	Chatsworth							X			
	RD-50 (Port 2) *	2011 Q3	Split Sample	0.15	6.3	mg/L	SSFL Comparison	Chatsworth							X			
	RD-54A (Port 2) *	2011 Q3	Primary Sample	0.0033 J	6.3	mg/L	SSFL Comparison	Chatsworth							X			
	RD-57 (Port 7) *	2011 Q3	Primary Sample	0.081	6.3	mg/L	SSFL Comparison	#N/A							X			
	RD-58A *	2011 Q1	Primary Sample	0.29	6.3	mg/L	SSFL Comparison	Chatsworth									X	
	RD-58A *	2011 Q1	Split Sample	0.26	6.3	mg/L	SSFL Comparison	Chatsworth									X	
	RD-59A *	2011 Q3	Primary Sample	0.0069 J	6.3	mg/L	SSFL Comparison	Chatsworth							X			

TABLE 10
FIRST-TIME DETECTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-wide	LUFT	SMOU RFI	Area IV
Zinc	RD-59B *	2011 Q3	Primary Sample	0.019 J	6.3	mg/L	SSFL Comparison	Chatsworth							X			
	RD-59C *	2011 Q3	Primary Sample	0.015 J	6.3	mg/L	SSFL Comparison	Chatsworth							X			
	RD-63 *	2011 Q3	Primary Sample	0.11	6.3	mg/L	SSFL Comparison	Chatsworth							X			
	RD-85 *	2011 Q3	Primary Sample	0.0026 J	6.3	mg/L	SSFL Comparison	Chatsworth							X			
	RD-85 *	2011 Q3	Field Duplicate	0.0029 J	6.3	mg/L	SSFL Comparison	Chatsworth							X			
	SH-03	2011 Q1	Primary Sample	0.0095 J	6.3	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-09	2011 Q1	Primary Sample	0.0082 J	6.3	mg/L	SSFL Comparison	Shallow		X	X							
Zinc, Dissolved	HAR-02 *	2011 Q2	Primary Sample	0.012 J	6.3	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-31	2011 Q1	Primary Sample	0.0065 J	6.3	mg/L	SSFL Comparison	Shallow	X									
	HAR-33	2011 Q2	Primary Sample	0.0021 J	6.3	mg/L	SSFL Comparison	Shallow			X							
	PZ-060	2011 Q2	Primary Sample	0.0028 J	6.3	mg/L	SSFL Comparison	Shallow			X							
	PZ-108 *	2011 Q3	Primary Sample	0.004 J	6.3	mg/L	SSFL Comparison	Shallow							X			
	PZ-129 *	2011 Q1	Primary Sample	0.0023 J	6.3	mg/L	SSFL Comparison	Shallow									X	
	PZ-144	2011 Q3	Primary Sample	0.0049 J	6.3	mg/L	SSFL Comparison	Shallow									X	
	PZ-146 *	2011 Q2	Primary Sample	0.0032 J	6.3	mg/L	SSFL Comparison	Shallow									X	
	PZ-147 *	2011 Q2	Primary Sample	0.0029 J	6.3	mg/L	SSFL Comparison	Shallow									X	
	PZ-149 *	2011 Q2	Primary Sample	0.0023 J	6.3	mg/L	SSFL Comparison	Shallow									X	
	PZ-152 *	2011 Q2	Primary Sample	0.0043 J	6.3	mg/L	SSFL Comparison	Shallow									X	
	PZ-154	2011 Q2	Primary Sample	0.0047 J	6.3	mg/L	SSFL Comparison	Shallow									X	
	PZ-155	2011 Q3	Primary Sample	0.0034 J	6.3	mg/L	SSFL Comparison	Shallow									X	
	PZ-157 *	2011 Q3	Primary Sample	0.0035 J	6.3	mg/L	SSFL Comparison	Shallow									X	
	PZ-159	2011 Q1	Primary Sample	0.011	6.3	mg/L	SSFL Comparison	Shallow									X	
	RD-104 *	2011 Q2	Primary Sample	0.003 J	6.3	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-63 *	2011 Q3	Primary Sample	0.11	6.3	mg/L	SSFL Comparison	Chatsworth							X			
	RS-13	2011 Q2	Primary Sample	0.0043 J	6.3	mg/L	SSFL Comparison	Shallow									X	
	RS-29 *	2011 Q2	Primary Sample	0.0032 J	6.3	mg/L	SSFL Comparison	Shallow									X	
	SH-03	2011 Q1	Primary Sample	0.0062 J	6.3	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-09	2011 Q1	Primary Sample	0.007 J	6.3	mg/L	SSFL Comparison	Shallow		X	X							
	SH-11	2011 Q2	Primary Sample	0.0035 J	6.3	mg/L	SSFL Comparison	Shallow			X							

NOTES AND ABBREVIATIONS:

* first time analyzed for the detected analyte
bold - indicates results that exceed the screening value
J - Result is estimated
mg/L - milligrams per liter
ug/L - micrograms per liter
pg/L - picograms per liter
pCi/L - picocuries per liter
NTU - nephelometric turbidity units

Primary MCL - Primary Maximum Contaminant Level
Cal MCL - California Primary Maximum Contaminant Level
Secondary MCL - Secondary Maximum Contaminant Level
SMCL - Secondary Maximum Contaminant Level
Taste/Odor - Taste/Odor Threshold
SSFL Comparison - site-specific values for metals developed by DTSC
SWGW RBSL - Site-Wide Groundwater Risk-Based Screening Level
(a) - isoptope-specific MCL based on 4 mrem/yr limit

Chatsworth - Chatsworth Formation groundwater unit
Shallow - Near-surface groundwater unit

PCP - Post-Closure Permit
Bkgd - Background
DM - Detection Monitoring
EM - Evaluation Monitoring
EM(aff) - Evaluation Monitoring (affected media)
POC - Point of Compliance
CAIM - Corrective Measures Interim Measures
SMOU RFI - Surficial Media Operable Unit
RCRA Facility Investigation

TABLE 11
NEW MAXIMUM CONCENTRATIONS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV
1,1-Dichloroethane	RD-45A	2011 Q3	Primary Sample	0.43 J	5	ug/L	Cal MCL	Chatsworth			X							
1,1-Dichloroethene	ES-01	2011 Q3	Primary Sample	0.95 J	6	ug/L	Cal MCL	Shallow							X			
1,2,3,4,6,7,8-Heptachlorodibenzofuran	PZ-141	2011 Q2	Primary Sample	1.8 J	--	pg/L	--	Shallow									X	
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	PZ-141	2011 Q2	Primary Sample	9.6 J	--	pg/L	--	Shallow									X	
1,2,3-Trichloropropane	RD-35B	2011 Q3	Primary Sample	**0.032**	0.005	ug/L	Notification Level	Chatsworth							X			
	RD-46A	2011 Q2	Primary Sample	**0.02**	0.005	ug/L	Notification Level	Chatsworth			X							
	SH-09	2011 Q1	Primary Sample	0.0035 J	0.005	ug/L	Notification Level	Shallow		X	X							
	SH-09	2011 Q1	Field Duplicate	0.0036 J	0.005	ug/L	Notification Level	Shallow		X	X							
	SH-09	2011 Q1	Split Sample	**0.0053**	0.005	ug/L	Notification Level	Shallow		X	X							
1,4-Dioxane	ES-17	2011 Q3	Primary Sample	**2.3**	1	ug/L	Notification Level	Shallow	X	X	X		X					
	ES-26	2011 Q3	Primary Sample	0.75 J	1	ug/L	Notification Level	Shallow	X									
	HAR-11	2011 Q1	Primary Sample	**1.1 J**	1	ug/L	Notification Level	Shallow			X							
	PZ-035	2011 Q3	Primary Sample	**2.1**	1	ug/L	Notification Level	Shallow			X							
	PZ-060	2011 Q1	Primary Sample	**2.3**	1	ug/L	Notification Level	Shallow			X							
	PZ-146	2011 Q3	Primary Sample	1 J	1	ug/L	Notification Level	Shallow									X	
	RD-36C	2011 Q2	Primary Sample	**2.7**	1	ug/L	Notification Level	Chatsworth			X							
	RD-36D	2011 Q2	Primary Sample	**1.2 J**	1	ug/L	Notification Level	Chatsworth			X							
	RD-45A	2011 Q2	Primary Sample	**2.4**	1	ug/L	Notification Level	Chatsworth			X							
	RD-52C	2011 Q1	Primary Sample	0.96 J	1	ug/L	Notification Level	Chatsworth			X							
	RD-52C	2011 Q2	Primary Sample	**1.1 J**	1	ug/L	Notification Level	Chatsworth			X							
	RD-52C	2011 Q3	Primary Sample	**1.2 J**	1	ug/L	Notification Level	Chatsworth			X							
	RD-85	2011 Q3	Field Duplicate	0.87 J	1	ug/L	Notification Level	Chatsworth							X			
	RS-33	2011 Q1	Primary Sample	**2.7**	1	ug/L	Notification Level	Shallow		X	X		X					
	SH-09	2011 Q1	Primary Sample	**10**	1	ug/L	Notification Level	Shallow		X	X							
Acetone	ES-27	2011 Q3	Primary Sample	310 J	20000	ug/L	Taste/Odor	Shallow			X							
	RD-53	2011 Q2	Primary Sample	14	20000	ug/L	Taste/Odor	Chatsworth			X							
	RD-60	2011 Q3	Primary Sample	6 J	20000	ug/L	Taste/Odor	Chatsworth							X			
	RS-33	2011 Q3	Primary Sample	86 J	20000	ug/L	Taste/Odor	Shallow		X	X		X					
Aluminum, Dissolved	PZ-141	2011 Q1	Primary Sample	0.11 J	13	mg/L	SWGW RBSL	Shallow									X	
Ammonia-N	ES-27	2011 Q1	Primary Sample	0.13 J	--	mg/L	--	Shallow			X							
	HAR-08	2011 Q1	Primary Sample	0.14 J	--	mg/L	--	Chatsworth			X							
	HAR-15	2011 Q2	Primary Sample	0.19 J	--	mg/L	--	Shallow			X							
	HAR-25	2011 Q1	Primary Sample	0.09 J	--	mg/L	--	Chatsworth			X							
	HAR-29	2011 Q1	Primary Sample	0.18 J	--	mg/L	--	Shallow		X	X							
	RD-11	2011 Q3	Primary Sample	0.83	--	mg/L	--	Chatsworth			X							
	RD-36B	2011 Q1	Primary Sample	0.12 J	--	mg/L	--	Chatsworth			X							
	RD-36C	2011 Q1	Primary Sample	0.13 J	--	mg/L	--	Chatsworth			X							
	RD-36C	2011 Q2	Primary Sample	0.28 J	--	mg/L	--	Chatsworth			X							
	RD-36D	2011 Q1	Primary Sample	0.11 J	--	mg/L	--	Chatsworth			X							
	RD-38B	2011 Q1	Primary Sample	0.084 J	--	mg/L	--	Chatsworth			X							
	RD-38B	2011 Q1	Field Duplicate	0.064 J	--	mg/L	--	Chatsworth			X							
	RD-45B	2011 Q3	Primary Sample	0.069 J	--	mg/L	--	Chatsworth			X							
	RD-46A	2011 Q3	Primary Sample	0.075 J	--	mg/L	--	Chatsworth			X							
	RD-58C	2011 Q1	Primary Sample	0.15 J	--	mg/L	--	Chatsworth			X							
	RD-58C	2011 Q1	Field Duplicate	0.14 J	--	mg/L	--	Chatsworth			X							
	RD-68A	2011 Q1	Primary Sample	0.12 J	--	mg/L	--	Chatsworth			X							
	RD-68B	2011 Q1	Primary Sample	0.076 J	--	mg/L	--	Chatsworth			X							

TABLE 11
NEW MAXIMUM CONCENTRATIONS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV
Ammonia-N	WS-04A	2011 Q3	Primary Sample	0.16 J	--	mg/L	--	Chatsworth			X				X			
Antimony	HAR-09	2011 Q2	Primary Sample	0.00013 J	0.0025	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-14	2011 Q2	Primary Sample	0.00024 J	0.0025	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-17	2011 Q1	Primary Sample	0.00017 J	0.0025	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-17	2011 Q1	Split Sample	0.00031 J	0.0025	mg/L	SSFL Comparison	Chatsworth									X	
	RS-08	2011 Q2	Primary Sample	0.00025 J	0.0025	mg/L	SSFL Comparison	Shallow			X							
	SH-04	2011 Q2	Primary Sample	0.0003 J	0.0025	mg/L	SSFL Comparison	Shallow			X							
Antimony, Dissolved	HAR-19	2011 Q2	Primary Sample	0.00017 J	0.0025	mg/L	SSFL Comparison	Chatsworth		X	X							
	PZ-140	2011 Q2	Split Sample	0.00051 J	0.0025	mg/L	SSFL Comparison	Shallow									X	
	RD-49C	2011 Q2	Primary Sample	0.00023 J	0.0025	mg/L	SSFL Comparison	Chatsworth			X							
Arsenic	HAR-04	2011 Q2	Primary Sample	0.00041 J	0.0077	mg/L	SSFL Comparison	Shallow			X							
	HAR-15	2011 Q2	Primary Sample	**0.018**	0.0077	mg/L	SSFL Comparison	Shallow			X							
	HAR-17	2011 Q1	Primary Sample	0.0012 J	0.0077	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-17	2011 Q1	Split Sample	0.0016 J	0.0077	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-19	2011 Q2	Primary Sample	0.00034 J	0.0077	mg/L	SSFL Comparison	Chatsworth		X	X							
	HAR-20	2011 Q2	Primary Sample	0.0029 J	0.0077	mg/L	SSFL Comparison	Chatsworth			X							
	HAR-21	2011 Q2	Primary Sample	0.0007 J	0.0077	mg/L	SSFL Comparison	Chatsworth			X							
	HAR-27	2011 Q2	Primary Sample	**0.051**	0.0077	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-33	2011 Q2	Primary Sample	0.00066 J	0.0077	mg/L	SSFL Comparison	Shallow			X							
	RS-33	2011 Q2	Primary Sample	0.0014 J	0.0077	mg/L	SSFL Comparison	Shallow		X	X		X					
	RS-34	2011 Q2	Primary Sample	0.0017 J	0.0077	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-03	2011 Q2	Primary Sample	0.00056 J	0.0077	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-09	2011 Q2	Primary Sample	0.0005 J	0.0077	mg/L	SSFL Comparison	Shallow		X	X							
	SH-11	2011 Q2	Primary Sample	0.00092 J	0.0077	mg/L	SSFL Comparison	Shallow			X							
Arsenic, Dissolved	HAR-15	2011 Q2	Primary Sample	**0.018**	0.0077	mg/L	SSFL Comparison	Shallow			X							
	HAR-19	2011 Q2	Primary Sample	0.00038 J	0.0077	mg/L	SSFL Comparison	Chatsworth		X	X							
	HAR-20	2011 Q2	Primary Sample	0.0031 J	0.0077	mg/L	SSFL Comparison	Chatsworth			X							
	HAR-32	2011 Q2	Primary Sample	0.00051 J	0.0077	mg/L	SSFL Comparison	Shallow			X							
	HAR-33	2011 Q2	Primary Sample	0.00077 J	0.0077	mg/L	SSFL Comparison	Shallow			X							
	PZ-060	2011 Q2	Primary Sample	**0.011**	0.0077	mg/L	SSFL Comparison	Shallow			X							
	PZ-139	2011 Q2	Primary Sample	0.0026 J	0.0077	mg/L	SSFL Comparison	Shallow									X	
	PZ-146	2011 Q3	Primary Sample	**0.06**	0.0077	mg/L	SSFL Comparison	Shallow									X	
	PZ-154	2011 Q2	Primary Sample	0.0021 J	0.0077	mg/L	SSFL Comparison	Shallow									X	
	PZ-154	2011 Q3	Primary Sample	0.0028 J	0.0077	mg/L	SSFL Comparison	Shallow									X	
	PZ-159	2011 Q1	Primary Sample	0.0017 J	0.0077	mg/L	SSFL Comparison	Shallow									X	
	PZ-159	2011 Q3	Primary Sample	0.0019 J	0.0077	mg/L	SSFL Comparison	Shallow									X	
	RD-50 (Port 2)	2011 Q3	Primary Sample	**0.011**	0.0077	mg/L	SSFL Comparison	Chatsworth							X			
	RD-50 (Port 2)	2011 Q3	Split Sample	**0.0097**	0.0077	mg/L	SSFL Comparison	Chatsworth							X			
	RS-34	2011 Q2	Primary Sample	0.0018 J	0.0077	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-03	2011 Q2	Primary Sample	0.00055 J	0.0077	mg/L	SSFL Comparison	Shallow		X	X		X					
Barium	ES-17	2011 Q2	Primary Sample	0.022	0.15	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-01	2011 Q2	Primary Sample	0.038	0.15	mg/L	SSFL Comparison	Chatsworth			X							
	HAR-09	2011 Q2	Primary Sample	0.039	0.15	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-12	2011 Q2	Primary Sample	0.037	0.15	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-17	2011 Q1	Primary Sample	0.097	0.15	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-17	2011 Q1	Split Sample	0.11	0.15	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-28	2011 Q2	Primary Sample	0.054	0.15	mg/L	SSFL Comparison	Shallow		X	X							

TABLE 11
NEW MAXIMUM CONCENTRATIONS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV
Barium	HAR-29	2011 Q2	Primary Sample	0.11	0.15	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-33	2011 Q2	Primary Sample	0.071	0.15	mg/L	SSFL Comparison	Shallow			X							
	PZ-041	2011 Q1	Primary Sample	0.044	0.15	mg/L	SSFL Comparison	Shallow									X	
	RD-34A	2011 Q3	Primary Sample	0.048	0.15	mg/L	SSFL Comparison	Chatsworth							X			
	RD-86	2011 Q3	Primary Sample	0.05	0.15	mg/L	SSFL Comparison	Chatsworth							X			
	SH-04	2011 Q2	Primary Sample	0.04	0.15	mg/L	SSFL Comparison	Shallow			X							
	SH-11	2011 Q2	Primary Sample	0.07	0.15	mg/L	SSFL Comparison	Shallow			X							
Barium, Dissolved	ES-17	2011 Q2	Primary Sample	0.023	0.15	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-29	2011 Q2	Primary Sample	0.1	0.15	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-33	2011 Q2	Primary Sample	0.073	0.15	mg/L	SSFL Comparison	Shallow			X							
	PZ-035	2011 Q2	Primary Sample	0.031 J	0.15	mg/L	SSFL Comparison	Shallow			X							
	PZ-060	2011 Q2	Primary Sample	0.034	0.15	mg/L	SSFL Comparison	Shallow			X							
	PZ-139	2011 Q1	Field Duplicate	0.019	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-139	2011 Q2	Primary Sample	0.04 J	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-140	2011 Q1	Primary Sample	0.057	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-140	2011 Q2	Primary Sample	0.061	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-140	2011 Q2	Split Sample	0.059	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-140	2011 Q3	Primary Sample	0.068	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-140	2011 Q3	Field Duplicate	0.071	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-144	2011 Q2	Primary Sample	0.01	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-146	2011 Q3	Primary Sample	0.021	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-154	2011 Q3	Primary Sample	0.035	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-155	2011 Q2	Primary Sample	0.012	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-155	2011 Q3	Primary Sample	0.014	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-159	2011 Q3	Primary Sample	0.025	0.15	mg/L	SSFL Comparison	Shallow									X	
	RD-34A	2011 Q3	Primary Sample	0.049	0.15	mg/L	SSFL Comparison	Chatsworth							X			
	RD-55A	2011 Q1	Primary Sample	0.064	0.15	mg/L	SSFL Comparison	Chatsworth									X	
	RD-58A	2011 Q1	Primary Sample	0.066	0.15	mg/L	SSFL Comparison	Chatsworth									X	
	RD-63	2011 Q3	Primary Sample	0.058	0.15	mg/L	SSFL Comparison	Chatsworth							X			
	SH-11	2011 Q2	Primary Sample	0.075	0.15	mg/L	SSFL Comparison	Shallow			X							
Benzene	RD-57 (Port 7)	2011 Q1	Primary Sample	**1.1**	1	ug/L	Cal MCL	Chatsworth							X			
Benzyl alcohol	HAR-14	2011 Q3	Primary Sample	1.7 J	--	ug/L	--	Shallow		X	X		X					
Beryllium, Dissolved	PZ-139	2011 Q2	Primary Sample	**0.00016 J**	0.00014	mg/L	SSFL Comparison	Shallow									X	
bis(2-Ethylhexyl) phthalate	RD-51B	2011 Q2	Primary Sample	2.4 J	4	ug/L	Cal MCL	Chatsworth			X							
	RD-58B	2011 Q3	Primary Sample	1.2 J	4	ug/L	Cal MCL	Chatsworth			X				X			
Boron, Dissolved	PZ-139	2011 Q2	Primary Sample	0.065	0.34	mg/L	SSFL Comparison	Shallow									X	
	PZ-140	2011 Q2	Primary Sample	0.047 J	0.34	mg/L	SSFL Comparison	Shallow									X	
	PZ-140	2011 Q2	Split Sample	0.053	0.34	mg/L	SSFL Comparison	Shallow									X	
	PZ-146	2011 Q3	Primary Sample	**0.81**	0.34	mg/L	SSFL Comparison	Shallow									X	
	PZ-147	2011 Q3	Primary Sample	0.066	0.34	mg/L	SSFL Comparison	Shallow									X	
	PZ-159	2011 Q3	Primary Sample	0.069	0.34	mg/L	SSFL Comparison	Shallow									X	
Bromide	PZ-139	2011 Q3	Split Sample	0.47 J	--	mg/L	--	Shallow									X	
	PZ-140	2011 Q2	Split Sample	0.82	--	mg/L	--	Shallow									X	
	PZ-141	2011 Q1	Split Sample	0.36 J	--	mg/L	--	Shallow									X	
	PZ-146	2011 Q3	Primary Sample	1.5	--	mg/L	--	Shallow									X	
Cadmium	HAR-17	2011 Q1	Primary Sample	0.00015 J	0.0002	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-17	2011 Q1	Split Sample	0.00015 J	0.0002	mg/L	SSFL Comparison	Chatsworth									X	

TABLE 11
NEW MAXIMUM CONCENTRATIONS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV
Cadmium	SH-11	2011 Q2	Primary Sample	0.00015 J	0.0002	mg/L	SSFL Comparison	Shallow			X							
Cadmium, Dissolved	HAR-01	2011 Q2	Primary Sample	0.00018 J	0.0002	mg/L	SSFL Comparison	Chatsworth			X							
	PZ-139	2011 Q2	Primary Sample	**0.00023 J**	0.0002	mg/L	SSFL Comparison	Shallow									X	
	PZ-140	2011 Q2	Split Sample	0.00012 J	0.0002	mg/L	SSFL Comparison	Shallow									X	
	PZ-141	2011 Q2	Primary Sample	0.000043 J	0.0002	mg/L	SSFL Comparison	Shallow									X	
	PZ-141	2011 Q3	Primary Sample	0.00017 J	0.0002	mg/L	SSFL Comparison	Shallow									X	
	PZ-154	2011 Q3	Primary Sample	0.00015 J	0.0002	mg/L	SSFL Comparison	Shallow									X	
	PZ-158	2011 Q1	Primary Sample	0.00013 J	0.0002	mg/L	SSFL Comparison	Shallow									X	
	PZ-159	2011 Q3	Primary Sample	**0.0065**	0.0002	mg/L	SSFL Comparison	Shallow									X	
	SH-03	2011 Q2	Primary Sample	**0.00033 J**	0.0002	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-11	2011 Q2	Primary Sample	0.00015 J	0.0002	mg/L	SSFL Comparison	Shallow			X							
Calcium	ES-17	2011 Q2	Primary Sample	69	--	mg/L	--	Shallow		X	X		X					
	ES-26	2011 Q2	Primary Sample	150	--	mg/L	--	Shallow	X									
	ES-26	2011 Q2	Field Duplicate	150	--	mg/L	--	Shallow	X									
	HAR-09	2011 Q1	Primary Sample	190	--	mg/L	--	Shallow		X	X		X					
	HAR-29	2011 Q2	Primary Sample	170	--	mg/L	--	Shallow		X	X							
	PZ-041	2011 Q1	Primary Sample	120	--	mg/L	--	Shallow									X	
	RD-49B	2011 Q1	Primary Sample	180	--	mg/L	--	Chatsworth	X									
	RD-77	2011 Q1	Primary Sample	90	--	mg/L	--	Chatsworth	X									
	RS-33	2011 Q1	Primary Sample	140	--	mg/L	--	Shallow		X	X		X					
	RS-34	2011 Q1	Primary Sample	120	--	mg/L	--	Shallow		X	X		X					
	SH-07	2011 Q1	Primary Sample	58	--	mg/L	--	Shallow	X									
	SH-09	2011 Q1	Primary Sample	170	--	mg/L	--	Shallow		X	X							
Calcium, Dissolved	ES-17	2011 Q2	Primary Sample	70	--	mg/L	--	Shallow		X	X		X					
	ES-26	2011 Q2	Field Duplicate	160	--	mg/L	--	Shallow	X									
	HAR-17	2011 Q1	Primary Sample	150	--	mg/L	--	Chatsworth									X	
	HAR-17	2011 Q1	Split Sample	170	--	mg/L	--	Chatsworth									X	
	HAR-29	2011 Q2	Primary Sample	170	--	mg/L	--	Shallow		X	X							
	PZ-140	2011 Q2	Primary Sample	110	--	mg/L	--	Shallow									X	
	PZ-140	2011 Q2	Split Sample	130	--	mg/L	--	Shallow									X	
	PZ-155	2011 Q3	Primary Sample	180	--	mg/L	--	Shallow									X	
	PZ-159	2011 Q3	Primary Sample	80	--	mg/L	--	Shallow									X	
	RD-55A	2011 Q1	Primary Sample	110	--	mg/L	--	Chatsworth									X	
	RD-77	2011 Q1	Primary Sample	87	--	mg/L	--	Chatsworth	X									
	RS-34	2011 Q1	Primary Sample	120	--	mg/L	--	Shallow		X	X		X					
	SH-09	2011 Q1	Primary Sample	160	--	mg/L	--	Shallow		X	X							
Chloride	ES-26	2011 Q1	Primary Sample	100	250	mg/L	Secondary MCL	Shallow	X									
	ES-26	2011 Q1	Field Duplicate	100	250	mg/L	Secondary MCL	Shallow	X									
	HAR-19	2011 Q1	Primary Sample	73	250	mg/L	Secondary MCL	Chatsworth		X	X							
	HAR-19	2011 Q1	Field Duplicate	73	250	mg/L	Secondary MCL	Chatsworth		X	X							
	HAR-19	2011 Q2	Primary Sample	74	250	mg/L	Secondary MCL	Chatsworth		X	X							
	PZ-140	2011 Q2	Primary Sample	140	250	mg/L	Secondary MCL	Shallow									X	
	PZ-140	2011 Q2	Split Sample	130	250	mg/L	Secondary MCL	Shallow									X	
	PZ-140	2011 Q3	Primary Sample	180	250	mg/L	Secondary MCL	Shallow									X	
	PZ-140	2011 Q3	Field Duplicate	180	250	mg/L	Secondary MCL	Shallow									X	
	PZ-146	2011 Q3	Primary Sample	150	250	mg/L	Secondary MCL	Shallow									X	
	PZ-147	2011 Q3	Primary Sample	17	250	mg/L	Secondary MCL	Shallow									X	

TABLE 11
NEW MAXIMUM CONCENTRATIONS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV
Chloride	RD-46B	2011 Q3	Primary Sample	61	250	mg/L	Secondary MCL	Chatsworth			X				X			
	RD-49B	2011 Q2	Primary Sample	45	250	mg/L	Secondary MCL	Chatsworth	X									
	RD-49B	2011 Q2	Field Duplicate	45	250	mg/L	Secondary MCL	Chatsworth	X									
	RD-61	2011 Q3	Primary Sample	30	250	mg/L	Secondary MCL	Chatsworth							X			
	RS-34	2011 Q2	Primary Sample	110	250	mg/L	Secondary MCL	Shallow		X	X		X					
	SH-09	2011 Q1	Primary Sample	93	250	mg/L	Secondary MCL	Shallow		X	X							
Chloroform	RD-36B	2011 Q1	Primary Sample	0.39 J	80	ug/L	Primary MCL	Chatsworth			X							
	RD-46A	2011 Q2	Primary Sample	23 J	80	ug/L	Primary MCL	Chatsworth			X							
	RD-77	2011 Q2	Primary Sample	3 J	80	ug/L	Primary MCL	Chatsworth	X									
Chromium	HAR-01	2011 Q2	Primary Sample	0.0026 J	0.014	mg/L	SSFL Comparison	Chatsworth			X							
	HAR-17	2011 Q1	Primary Sample	0.0038 J	0.014	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-17	2011 Q1	Split Sample	0.0045 J	0.014	mg/L	SSFL Comparison	Chatsworth									X	
Chromium, Dissolved	PZ-144	2011 Q2	Primary Sample	0.00066 J	0.014	mg/L	SSFL Comparison	Shallow									X	
Chrysene	PZ-144	2011 Q3	Primary Sample	0.0062 J	--	ug/L	--	Shallow									X	
cis-1,2-Dichloroethene	ES-14	2011 Q3	Primary Sample	**140**	6	ug/L	Cal MCL	Shallow							X			
	HAR-02	2011 Q2	Primary Sample	3.5	6	ug/L	Cal MCL	Shallow		X	X		X					
	HAR-28	2011 Q2	Primary Sample	**11**	6	ug/L	Cal MCL	Shallow		X	X							
	PZ-035	2011 Q3	Primary Sample	**19 J**	6	ug/L	Cal MCL	Shallow			X							
	PZ-140	2011 Q2	Primary Sample	**7.1**	6	ug/L	Cal MCL	Shallow									X	
	PZ-140	2011 Q2	Split Sample	**7.3**	6	ug/L	Cal MCL	Shallow									X	
	PZ-140	2011 Q3	Primary Sample	**8.5**	6	ug/L	Cal MCL	Shallow									X	
	PZ-141	2011 Q1	Primary Sample	**18**	6	ug/L	Cal MCL	Shallow									X	
	PZ-141	2011 Q3	Primary Sample	**25 J**	6	ug/L	Cal MCL	Shallow									X	
	PZ-149	2011 Q1	Primary Sample	2.2	6	ug/L	Cal MCL	Shallow									X	
	PZ-149	2011 Q3	Primary Sample	2.6	6	ug/L	Cal MCL	Shallow									X	
	PZ-155	2011 Q2	Primary Sample	**10**	6	ug/L	Cal MCL	Shallow									X	
	PZ-155	2011 Q3	Primary Sample	**110 J**	6	ug/L	Cal MCL	Shallow									X	
	RD-02	2011 Q1	Primary Sample	**1100**	6	ug/L	Cal MCL	Chatsworth							X			
	RD-02	2011 Q2	Primary Sample	**1300 J**	6	ug/L	Cal MCL	Chatsworth										
	RD-09	2011 Q3	Primary Sample	**150**	6	ug/L	Cal MCL	Chatsworth							X			
	RD-104	2011 Q3	Primary Sample	**22**	6	ug/L	Cal MCL	Chatsworth		X	X		X					
	RD-37	2011 Q2	Primary Sample	0.31 J	6	ug/L	Cal MCL	Chatsworth			X							
	RD-37	2011 Q3	Primary Sample	0.35 J	6	ug/L	Cal MCL	Chatsworth			X				X	X		
	RD-45A	2011 Q1	Primary Sample	**73 J**	6	ug/L	Cal MCL	Chatsworth			X							
	RD-45A	2011 Q3	Primary Sample	**100**	6	ug/L	Cal MCL	Chatsworth			X							
	RD-68B	2011 Q3	Primary Sample	0.4 J	6	ug/L	Cal MCL	Chatsworth			X				X			
	RS-34	2011 Q2	Primary Sample	**23**	6	ug/L	Cal MCL	Shallow		X	X		X					
Cobalt	HAR-12	2011 Q2	Primary Sample	0.0001 J	0.0019	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-19	2011 Q2	Primary Sample	0.00017 J	0.0019	mg/L	SSFL Comparison	Chatsworth		X	X							
	HAR-21	2011 Q2	Primary Sample	0.00039 J	0.0019	mg/L	SSFL Comparison	Chatsworth			X							
	HAR-29	2011 Q2	Primary Sample	0.00018 J	0.0019	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-30	2011 Q2	Primary Sample	0.00028 J	0.0019	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-33	2011 Q2	Primary Sample	0.00052 J	0.0019	mg/L	SSFL Comparison	Shallow			X							
	SH-09	2011 Q2	Primary Sample	0.0003 J	0.0019	mg/L	SSFL Comparison	Shallow		X	X							
Cobalt, Dissolved	HAR-01	2011 Q2	Primary Sample	0.000059 J	0.0019	mg/L	SSFL Comparison	Chatsworth			X							
	HAR-27	2011 Q2	Primary Sample	0.00073 J	0.0019	mg/L	SSFL Comparison	Shallow		X	X		X					
	PZ-060	2011 Q2	Primary Sample	**0.0022**	0.0019	mg/L	SSFL Comparison	Shallow			X							

TABLE 11
NEW MAXIMUM CONCENTRATIONS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV
Cobalt, Dissolved	PZ-139	2011 Q2	Primary Sample	**0.0037**	0.0019	mg/L	SSFL Comparison	Shallow									X	
	PZ-140	2011 Q1	Primary Sample	0.00076 J	0.0019	mg/L	SSFL Comparison	Shallow									X	
	PZ-140	2011 Q3	Primary Sample	0.0018	0.0019	mg/L	SSFL Comparison	Shallow									X	
	PZ-140	2011 Q3	Field Duplicate	0.0018	0.0019	mg/L	SSFL Comparison	Shallow									X	
	PZ-144	2011 Q2	Primary Sample	0.000053 J	0.0019	mg/L	SSFL Comparison	Shallow									X	
	PZ-149	2011 Q3	Primary Sample	0.00019 J	0.0019	mg/L	SSFL Comparison	Shallow									X	
	PZ-154	2011 Q3	Primary Sample	0.00063 J	0.0019	mg/L	SSFL Comparison	Shallow									X	
	PZ-155	2011 Q3	Primary Sample	0.00086 J	0.0019	mg/L	SSFL Comparison	Shallow									X	
	PZ-159	2011 Q3	Primary Sample	0.00079 J	0.0019	mg/L	SSFL Comparison	Shallow									X	
	RD-55A	2011 Q1	Primary Sample	0.00024 J	0.0019	mg/L	SSFL Comparison	Chatsworth									X	
	SH-09	2011 Q2	Primary Sample	0.0003 J	0.0019	mg/L	SSFL Comparison	Shallow		X	X							
Copper	HAR-17	2011 Q1	Primary Sample	**0.023 J**	0.0047	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-17	2011 Q1	Split Sample	**0.038 J**	0.0047	mg/L	SSFL Comparison	Chatsworth									X	
Copper, Dissolved	PZ-141	2011 Q1	Split Sample	0.0015 J	0.0047	mg/L	SSFL Comparison	Shallow									X	
	PZ-149	2011 Q3	Primary Sample	0.0013 J	0.0047	mg/L	SSFL Comparison	Shallow									X	
	PZ-154	2011 Q2	Primary Sample	**0.0014 J**	0.0047	mg/L	SSFL Comparison	Shallow									X	
	PZ-159	2011 Q3	Primary Sample	0.0029	0.0047	mg/L	SSFL Comparison	Shallow									X	
	SH-11	2011 Q2	Primary Sample	0.0028	0.0047	mg/L	SSFL Comparison	Shallow			X							
Cyanides	HAR-30	2011 Q1	Primary Sample	0.003 J	0.15	mg/L	Cal MCL	Shallow		X	X							
Diesel Range Organics (C12-C14)	HAR-11	2011 Q1	Primary Sample	0.034 J	0.1	mg/L	Taste/Odor	Shallow			X							
	PZ-140	2011 Q3	Primary Sample	0.091 J	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-140	2011 Q3	Field Duplicate	0.069 J	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-141	2011 Q1	Split Sample	**0.29**	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-146	2011 Q3	Primary Sample	**0.34**	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-155	2011 Q2	Primary Sample	**0.38**	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-155	2011 Q3	Primary Sample	**0.44**	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-158	2011 Q2	Primary Sample	**0.3**	0.1	mg/L	Taste/Odor	Shallow									X	
	RD-38B	2011 Q3	Primary Sample	0.083 J	0.1	mg/L	Taste/Odor	Chatsworth			X				X	X		
	RD-38B	2011 Q3	Field Duplicate	0.082 J	0.1	mg/L	Taste/Odor	Chatsworth			X				X	X		
	RD-48C	2011 Q3	Primary Sample	**0.3**	0.1	mg/L	Taste/Odor	Chatsworth			X				X			
Diesel Range Organics (C21-C30)	HAR-09	2011 Q1	Primary Sample	0.066 J	0.1	mg/L	Taste/Odor	Shallow		X	X		X					
	HAR-20	2011 Q1	Primary Sample	0.064 J	0.1	mg/L	Taste/Odor	Chatsworth			X							
	PZ-060	2011 Q1	Primary Sample	0.1 J	0.1	mg/L	Taste/Odor	Shallow			X							
	PZ-141	2011 Q3	Primary Sample	0.045 J	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-155	2011 Q2	Primary Sample	0.057 J	0.1	mg/L	Taste/Odor	Shallow									X	
	RD-36C	2011 Q2	Primary Sample	0.092 J	0.1	mg/L	Taste/Odor	Chatsworth			X							
	RD-48A	2011 Q1	Primary Sample	0.069 J	0.1	mg/L	Taste/Odor	Chatsworth			X							
	RD-49C	2011 Q1	Primary Sample	**0.12 J**	0.1	mg/L	Taste/Odor	Chatsworth			X							
	RD-52B	2011 Q1	Primary Sample	**0.17 J**	0.1	mg/L	Taste/Odor	Chatsworth			X							
Diesel Range Organics (C8-C30)	PZ-060	2011 Q1	Primary Sample	**1.3**	0.1	mg/L	Taste/Odor	Shallow			X							
	PZ-140	2011 Q3	Primary Sample	**0.11 J**	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-141	2011 Q1	Primary Sample	**0.11 J**	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-141	2011 Q1	Split Sample	**0.46**	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-146	2011 Q3	Primary Sample	**0.41**	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-154	2011 Q3	Primary Sample	**0.28**	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-155	2011 Q3	Primary Sample	**1.2**	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-158	2011 Q1	Primary Sample	**0.29**	0.1	mg/L	Taste/Odor	Shallow									X	

TABLE 11
NEW MAXIMUM CONCENTRATIONS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV
Diesel Range Organics (C8-C30)	PZ-158	2011 Q2	Primary Sample	**0.32**	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-158	2011 Q3	Primary Sample	**0.36**	0.1	mg/L	Taste/Odor	Shallow									X	
	RD-36C	2011 Q2	Primary Sample	**0.14 J**	0.1	mg/L	Taste/Odor	Chatsworth			X							
	RD-48C	2011 Q3	Primary Sample	**0.35**	0.1	mg/L	Taste/Odor	Chatsworth			X				X			
Diethyl phthalate	PZ-140	2011 Q1	Primary Sample	0.73 J	10000	ug/L	SWGW RBSL	Shallow									X	
	PZ-140	2011 Q3	Primary Sample	1.3 J	10000	ug/L	SWGW RBSL	Shallow									X	
	PZ-140	2011 Q3	Primary Sample	1.4 J	10000	ug/L	SWGW RBSL	Shallow									X	
	PZ-141	2011 Q3	Primary Sample	2.8 J	10000	ug/L	SWGW RBSL	Shallow									X	
	PZ-141	2011 Q3	Primary Sample	3 J	10000	ug/L	SWGW RBSL	Shallow									X	
	PZ-144	2011 Q2	Primary Sample	0.47 J	10000	ug/L	SWGW RBSL	Shallow									X	
	PZ-149	2011 Q1	Primary Sample	7.8 J	10000	ug/L	SWGW RBSL	Shallow									X	
	PZ-154	2011 Q3	Primary Sample	0.96 J	10000	ug/L	SWGW RBSL	Shallow									X	
	PZ-155	2011 Q3	Primary Sample	1.7 J	10000	ug/L	SWGW RBSL	Shallow									X	
	RS-07	2011 Q2	Primary Sample	1 J	10000	ug/L	SWGW RBSL	Shallow			X							
	SH-11	2011 Q2	Primary Sample	0.46 J	10000	ug/L	SWGW RBSL	Shallow			X							
	SH-11	2011 Q2	Field Duplicate	0.39 J	10000	ug/L	SWGW RBSL	Shallow			X							
Di-n-octyl phthalate	PZ-139	2011 Q1	Field Duplicate	2.2 J	500	ug/L	SWGW RBSL	Shallow									X	
Ethylbenzene	RD-96	2011 Q3	Primary Sample	0.76 J	300	ug/L	Cal MCL	Chatsworth							X			
Fluoride	ES-27	2011 Q2	Primary Sample	**1.1**	0.8	mg/L	SSFL Comparison	Shallow			X							
	HAR-09	2011 Q2	Primary Sample	0.38 J	0.8	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-12	2011 Q3	Primary Sample	0.53	0.8	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-14	2011 Q1	Primary Sample	0.4 J	0.8	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-14	2011 Q2	Primary Sample	0.42 J	0.8	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-27	2011 Q2	Primary Sample	0.8	0.8	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-32	2011 Q2	Primary Sample	**0.86**	0.8	mg/L	SSFL Comparison	Shallow			X							
	HAR-33	2011 Q1	Primary Sample	**0.82**	0.8	mg/L	SSFL Comparison	Shallow			X							
	PZ-140	2011 Q2	Split Sample	0.55	0.8	mg/L	SSFL Comparison	Shallow									X	
	PZ-144	2011 Q2	Primary Sample	0.73	0.8	mg/L	SSFL Comparison	Shallow									X	
	PZ-144	2011 Q2	Field Duplicate	0.73	0.8	mg/L	SSFL Comparison	Shallow									X	
	PZ-154	2011 Q3	Primary Sample	0.75	0.8	mg/L	SSFL Comparison	Shallow									X	
	PZ-155	2011 Q3	Primary Sample	0.36 J	0.8	mg/L	SSFL Comparison	Shallow									X	
	PZ-158	2011 Q1	Primary Sample	0.62	0.8	mg/L	SSFL Comparison	Shallow									X	
	RD-104	2011 Q3	Primary Sample	0.31 J	0.8	mg/L	SSFL Comparison	Chatsworth		X	X		X					
	RD-12	2011 Q2	Primary Sample	0.48 J	0.8	mg/L	SSFL Comparison	Chatsworth			X							
	RD-19	2011 Q3	Primary Sample	0.4 J	0.8	mg/L	SSFL Comparison	Chatsworth							X			
	RD-19	2011 Q3	Split Sample	0.49 J	0.8	mg/L	SSFL Comparison	Chatsworth							X			
	RD-39A	2011 Q1	Primary Sample	0.23 J	0.8	mg/L	SSFL Comparison	Chatsworth			X							
	RD-51A	2011 Q1	Primary Sample	0.39 J	0.8	mg/L	SSFL Comparison	Chatsworth			X							
	RD-51A	2011 Q2	Primary Sample	0.48 J	0.8	mg/L	SSFL Comparison	Chatsworth			X							
	RD-68A	2011 Q1	Primary Sample	0.28 J	0.8	mg/L	SSFL Comparison	Chatsworth			X							
	RS-07	2011 Q1	Primary Sample	0.74	0.8	mg/L	SSFL Comparison	Shallow			X							
	RS-08	2011 Q1	Primary Sample	0.49 J	0.8	mg/L	SSFL Comparison	Shallow			X							
	RS-33	2011 Q2	Primary Sample	0.53	0.8	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-02	2011 Q3	Primary Sample	**1.6 J**	0.8	mg/L	SSFL Comparison	Shallow		X								
	SH-03	2011 Q1	Primary Sample	**1.6**	0.8	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-03	2011 Q2	Primary Sample	**2.3**	0.8	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-09	2011 Q1	Primary Sample	**1.4**	0.8	mg/L	SSFL Comparison	Shallow		X	X							

TABLE 11
NEW MAXIMUM CONCENTRATIONS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV
Formaldehyde	RD-37	2011 Q2	Primary Sample	27 J	100	ug/L	Notification Level	Chatsworth			X							
Gross Alpha, Dissolved	RD-56A	2011 Q3	Primary Sample	4.788 ± 2.175	15	pCi/L	Primary MCL	Chatsworth							X			
	RD-57 (Port 7)	2011 Q3	Primary Sample	9.787 J ± 2.375	15	pCi/L	Primary MCL	Chatsworth							X			
	RD-59C	2011 Q1	Primary Sample	3.32 ± 1.3	15	pCi/L	Primary MCL	Chatsworth							X			
	RD-96	2011 Q1	Primary Sample	7.54 ± 2.1	15	pCi/L	Primary MCL	Chatsworth							X			
	RD-98	2011 Q3	Primary Sample	7.609 J ± 2.469	15	pCi/L	Primary MCL	Chatsworth										X
Gross alpha, Particulate	RD-86	2011 Q1	Primary Sample	1.89 J ± 0.75	15	pCi/L	Primary MCL	Chatsworth							X			
Gross Beta, Dissolved	RD-33A (Port 2)	2011 Q3	Primary Sample	8.979 ± 1.949	50	pCi/L	Cal MCL	Chatsworth							X			
	RD-59C	2011 Q3	Primary Sample	14.574 ± 2.871	50	pCi/L	Cal MCL	Chatsworth							X			
	RD-98	2011 Q1	Primary Sample	**113 ± 4.2**	50	pCi/L	Cal MCL	Chatsworth										X
	RD-98	2011 Q2	Primary Sample	**246 ± 4.6**	50	pCi/L	Cal MCL	Chatsworth										X
Gross beta, Particulate	RD-34A	2011 Q1	Primary Sample	20 ± 2.6	50	pCi/L	Cal MCL	Chatsworth							X			
	RD-86	2011 Q3	Primary Sample	2.295 ± 0.79	50	pCi/L	Cal MCL	Chatsworth							X			
Hexavalent Chromium	PZ-141	2011 Q2	Primary Sample	0.018 J	0.014	mg/L	SSFL Comparison	Shallow									X	
Iron	HAR-09	2011 Q1	Primary Sample	**11**	4.1	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-13	2011 Q1	Primary Sample	**13**	4.1	mg/L	SSFL Comparison	Shallow	X									
	HAR-13	2011 Q2	Primary Sample	**14**	4.1	mg/L	SSFL Comparison	Shallow	X									
	HAR-14	2011 Q1	Primary Sample	0.04 J	4.1	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-14	2011 Q2	Primary Sample	0.15	4.1	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-17	2011 Q1	Primary Sample	**11 J**	4.1	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-17	2011 Q1	Split Sample	**19 J**	4.1	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-28	2011 Q1	Primary Sample	0.25	4.1	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-30	2011 Q1	Primary Sample	1.3	4.1	mg/L	SSFL Comparison	Shallow		X	X							
	PZ-041	2011 Q1	Primary Sample	1.7	4.1	mg/L	SSFL Comparison	Shallow									X	
	RD-41A	2011 Q1	Primary Sample	2.5	4.1	mg/L	SSFL Comparison	Chatsworth	X									
	RD-49B	2011 Q1	Primary Sample	2	4.1	mg/L	SSFL Comparison	Chatsworth	X									
	SH-02	2011 Q1	Primary Sample	0.42	4.1	mg/L	SSFL Comparison	Shallow		X								
	SH-03	2011 Q1	Primary Sample	0.1	4.1	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-07	2011 Q1	Primary Sample	0.057 J	4.1	mg/L	SSFL Comparison	Shallow	X									
Iron, Dissolved	HAR-12	2011 Q1	Primary Sample	0.11	4.1	mg/L	SSFL Comparison	Shallow		X	X							
	PZ-141	2011 Q1	Primary Sample	0.16	4.1	mg/L	SSFL Comparison	Shallow									X	
	PZ-146	2011 Q3	Primary Sample	**18**	4.1	mg/L	SSFL Comparison	Shallow									X	
	PZ-158	2011 Q1	Primary Sample	0.56	4.1	mg/L	SSFL Comparison	Shallow									X	
	RD-41A	2011 Q1	Primary Sample	1.7	4.1	mg/L	SSFL Comparison	Chatsworth	X									
	RD-49B	2011 Q1	Primary Sample	0.96	4.1	mg/L	SSFL Comparison	Chatsworth	X									
Kerosene Range Organics (C15-C20)	HAR-19	2011 Q3	Primary Sample	0.06 J	0.1	mg/L	Taste/Odor	Chatsworth		X	X							
	PZ-060	2011 Q1	Primary Sample	**0.76**	0.1	mg/L	Taste/Odor	Shallow			X							
	PZ-146	2011 Q3	Primary Sample	0.039 J	0.1	mg/L	Taste/Odor	Shallow									X	
	PZ-154	2011 Q3	Primary Sample	0.063 J	0.1	mg/L	Taste/Odor	Shallow									X	
Lead	HAR-17	2011 Q1	Primary Sample	0.0057	0.011	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-17	2011 Q1	Split Sample	0.0062	0.011	mg/L	SSFL Comparison	Chatsworth									X	
Lead, Dissolved	PZ-139	2011 Q2	Primary Sample	0.0021	0.011	mg/L	SSFL Comparison	Shallow									X	
	PZ-159	2011 Q3	Primary Sample	0.0009 J	0.011	mg/L	SSFL Comparison	Shallow									X	
Magnesium	ES-17	2011 Q2	Primary Sample	11	77	mg/L	SSFL Comparison	Shallow		X	X		X					
	ES-26	2011 Q2	Primary Sample	17	77	mg/L	SSFL Comparison	Shallow	X									
	ES-26	2011 Q2	Field Duplicate	17	77	mg/L	SSFL Comparison	Shallow	X									
	HAR-09	2011 Q1	Primary Sample	**83**	77	mg/L	SSFL Comparison	Shallow		X	X		X					

TABLE 11
NEW MAXIMUM CONCENTRATIONS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV
Magnesium	HAR-13	2011 Q1	Primary Sample	8.3	77	mg/L	SSFL Comparison	Shallow	X									
	HAR-19	2011 Q1	Field Duplicate	19	77	mg/L	SSFL Comparison	Chatsworth		X	X							
	RD-49B	2011 Q1	Primary Sample	28	77	mg/L	SSFL Comparison	Chatsworth	X									
	RD-55A	2011 Q1	Primary Sample	22	77	mg/L	SSFL Comparison	Chatsworth									X	
	RD-77	2011 Q1	Primary Sample	18	77	mg/L	SSFL Comparison	Chatsworth	X									
	SH-02	2011 Q2	Primary Sample	34	77	mg/L	SSFL Comparison	Shallow		X								
	SH-09	2011 Q1	Primary Sample	47	77	mg/L	SSFL Comparison	Shallow		X	X							
Magnesium, Dissolved	ES-17	2011 Q2	Primary Sample	12	77	mg/L	SSFL Comparison	Shallow		X	X		X					
	ES-26	2011 Q2	Primary Sample	18	77	mg/L	SSFL Comparison	Shallow	X									
	ES-26	2011 Q2	Field Duplicate	18	77	mg/L	SSFL Comparison	Shallow	X									
	HAR-17	2011 Q1	Primary Sample	28	77	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-17	2011 Q1	Split Sample	31	77	mg/L	SSFL Comparison	Chatsworth									X	
	PZ-139	2011 Q2	Primary Sample	34	77	mg/L	SSFL Comparison	Shallow									X	
	PZ-140	2011 Q2	Primary Sample	37	77	mg/L	SSFL Comparison	Shallow									X	
	PZ-140	2011 Q2	Split Sample	39	77	mg/L	SSFL Comparison	Shallow									X	
	PZ-140	2011 Q3	Primary Sample	41	77	mg/L	SSFL Comparison	Shallow									X	
	PZ-140	2011 Q3	Field Duplicate	41	77	mg/L	SSFL Comparison	Shallow									X	
	PZ-141	2011 Q2	Primary Sample	75	77	mg/L	SSFL Comparison	Shallow									X	
	PZ-146	2011 Q3	Primary Sample	**88**	77	mg/L	SSFL Comparison	Shallow									X	
	PZ-159	2011 Q3	Primary Sample	20	77	mg/L	SSFL Comparison	Shallow									X	
	RD-49B	2011 Q1	Primary Sample	26	77	mg/L	SSFL Comparison	Chatsworth	X									
	RD-55A	2011 Q1	Primary Sample	22	77	mg/L	SSFL Comparison	Chatsworth									X	
	RS-34	2011 Q2	Primary Sample	41	77	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-09	2011 Q1	Primary Sample	45	77	mg/L	SSFL Comparison	Shallow		X	X							
Manganese	HAR-13	2011 Q2	Primary Sample	0.03	0.15	mg/L	SSFL Comparison	Shallow	X									
	HAR-29	2011 Q2	Primary Sample	0.0049 J	0.15	mg/L	SSFL Comparison	Shallow		X	X							
	PZ-041	2011 Q1	Primary Sample	**0.16**	0.15	mg/L	SSFL Comparison	Shallow									X	
	RD-41A	2011 Q1	Primary Sample	0.084	0.15	mg/L	SSFL Comparison	Chatsworth	X									
	RD-49B	2011 Q1	Primary Sample	0.15	0.15	mg/L	SSFL Comparison	Chatsworth	X									
	RS-33	2011 Q1	Primary Sample	0.032	0.15	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-02	2011 Q1	Primary Sample	0.12	0.15	mg/L	SSFL Comparison	Shallow		X								
	SH-03	2011 Q1	Primary Sample	0.07	0.15	mg/L	SSFL Comparison	Shallow		X	X		X					
Manganese, Dissolved	PZ-139	2011 Q2	Primary Sample	**0.28**	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-140	2011 Q3	Primary Sample	0.13	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-140	2011 Q3	Field Duplicate	0.12	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-146	2011 Q3	Primary Sample	**1.6**	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-149	2011 Q3	Primary Sample	0.099	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-154	2011 Q3	Primary Sample	0.12	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-155	2011 Q2	Primary Sample	0.033	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-155	2011 Q3	Primary Sample	**1.1**	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-159	2011 Q1	Primary Sample	0.025	0.15	mg/L	SSFL Comparison	Shallow									X	
	PZ-159	2011 Q3	Primary Sample	0.069	0.15	mg/L	SSFL Comparison	Shallow									X	
	RD-49B	2011 Q1	Primary Sample	0.12	0.15	mg/L	SSFL Comparison	Chatsworth	X									
	RS-33	2011 Q1	Primary Sample	0.028	0.15	mg/L	SSFL Comparison	Shallow		X	X		X					
m-Xylene & p-Xylene	RD-96	2011 Q3	Primary Sample	3.8	1750	ug/L	Cal MCL	Chatsworth							X			
Naphthalene	PZ-146	2011 Q3	Primary Sample	0.0072 J	17	ug/L	Notification Level	Shallow									X	
	PZ-149	2011 Q3	Primary Sample	0.011 J	17	ug/L	Notification Level	Shallow									X	

TABLE 11
NEW MAXIMUM CONCENTRATIONS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV
Nickel	HAR-01	2011 Q2	Primary Sample	0.002	0.017	mg/L	SSFL Comparison	Chatsworth			X							
	HAR-03	2011 Q2	Primary Sample	0.00056 J	0.017	mg/L	SSFL Comparison	Shallow			X							
	HAR-04	2011 Q2	Primary Sample	0.00061 J	0.017	mg/L	SSFL Comparison	Shallow			X							
	HAR-12	2011 Q2	Primary Sample	0.0011 J	0.017	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-21	2011 Q2	Primary Sample	0.0019 J	0.017	mg/L	SSFL Comparison	Chatsworth			X							
	HAR-30	2011 Q2	Primary Sample	0.0019 J	0.017	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-33	2011 Q2	Primary Sample	0.012	0.017	mg/L	SSFL Comparison	Shallow			X							
	RD-86	2011 Q3	Primary Sample	0.016	0.017	mg/L	SSFL Comparison	Chatsworth							X			
	RS-34	2011 Q2	Primary Sample	0.0053	0.017	mg/L	SSFL Comparison	Shallow		X	X		X					
Nickel, Dissolved	HAR-33	2011 Q2	Primary Sample	0.013	0.017	mg/L	SSFL Comparison	Shallow			X							
	PZ-035	2011 Q2	Primary Sample	0.0059	0.017	mg/L	SSFL Comparison	Shallow			X							
	PZ-139	2011 Q2	Primary Sample	0.01	0.017	mg/L	SSFL Comparison	Shallow									X	
	PZ-144	2011 Q2	Primary Sample	0.00061 J	0.017	mg/L	SSFL Comparison	Shallow									X	
	PZ-159	2011 Q3	Primary Sample	0.003	0.017	mg/L	SSFL Comparison	Shallow									X	
	RD-19	2011 Q3	Primary Sample	0.0018 J	0.017	mg/L	SSFL Comparison	Chatsworth							X			
	RD-86	2011 Q3	Primary Sample	0.016	0.017	mg/L	SSFL Comparison	Chatsworth							X			
	RS-33	2011 Q2	Primary Sample	0.0064	0.017	mg/L	SSFL Comparison	Shallow		X	X		X					
Nitrate-NO3	ES-17	2011 Q2	Primary Sample	21	45	mg/L	Cal MCL	Shallow		X	X		X					
	ES-27	2011 Q2	Primary Sample	34	45	mg/L	Cal MCL	Shallow			X							
	HAR-05	2011 Q1	Primary Sample	2.3 J	45	mg/L	Cal MCL	Chatsworth			X							
	HAR-12	2011 Q1	Primary Sample	18	45	mg/L	Cal MCL	Shallow		X	X							
	HAR-14	2011 Q1	Primary Sample	**91**	45	mg/L	Cal MCL	Shallow		X	X		X					
	HAR-29	2011 Q2	Primary Sample	**94**	45	mg/L	Cal MCL	Shallow		X	X							
	HAR-33	2011 Q2	Primary Sample	21	45	mg/L	Cal MCL	Shallow			X							
	PZ-140	2011 Q1	Primary Sample	13	45	mg/L	Cal MCL	Shallow									X	
	PZ-141	2011 Q2	Primary Sample	8.5	45	mg/L	Cal MCL	Shallow									X	
	PZ-158	2011 Q1	Primary Sample	14 J	45	mg/L	Cal MCL	Shallow									X	
	PZ-159	2011 Q1	Primary Sample	2.9	45	mg/L	Cal MCL	Shallow									X	
	RD-01	2011 Q2	Primary Sample	11	45	mg/L	Cal MCL	Chatsworth										
	RD-43A	2011 Q2	Primary Sample	25	45	mg/L	Cal MCL	Chatsworth			X							
	RD-48A	2011 Q1	Primary Sample	5.9	45	mg/L	Cal MCL	Chatsworth			X							
	RD-51A	2011 Q3	Primary Sample	5.9	45	mg/L	Cal MCL	Chatsworth			X				X			
	RS-08	2011 Q1	Primary Sample	0.47 J	45	mg/L	Cal MCL	Shallow			X							
	RS-08	2011 Q2	Primary Sample	2 J	45	mg/L	Cal MCL	Shallow			X							
	RS-33	2011 Q2	Primary Sample	8	45	mg/L	Cal MCL	Shallow		X	X		X					
	RS-33	2011 Q3	Primary Sample	8.1	45	mg/L	Cal MCL	Shallow		X	X		X					
	RS-34	2011 Q1	Primary Sample	5.9	45	mg/L	Cal MCL	Shallow		X	X		X					
	SH-07	2011 Q1	Primary Sample	12	45	mg/L	Cal MCL	Shallow	X									
	SH-11	2011 Q1	Primary Sample	2 J	45	mg/L	Cal MCL	Shallow			X							
n-Nitrosodimethylamine	ES-17	2011 Q3	Primary Sample	**0.53**	0.01	ug/L	Notification Level	Shallow		X	X		X					
	ES-17	2011 Q3	Primary Sample	**0.53**	0.01	ug/L	Notification Level	Shallow	X									
	ES-17	2011 Q3	Field Duplicate	**0.42**	0.01	ug/L	Notification Level	Shallow		X	X		X					
	ES-17	2011 Q3	Field Duplicate	**0.42**	0.01	ug/L	Notification Level	Shallow	X									
	HAR-19	2011 Q3	Primary Sample	0.0091 J	0.01	ug/L	Notification Level	Chatsworth		X	X							
	HAR-19	2011 Q3	Field Duplicate	0.0091 J	0.01	ug/L	Notification Level	Chatsworth		X	X							
	PZ-035	2011 Q2	Primary Sample	0.0098	0.01	ug/L	Notification Level	Shallow			X							
	PZ-035	2011 Q2	Field Duplicate	**0.016**	0.01	ug/L	Notification Level	Shallow			X							

TABLE 11
NEW MAXIMUM CONCENTRATIONS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV
n-Nitrosodimethylamine	PZ-035	2011 Q3	Primary Sample	**0.023**	0.01	ug/L	Notification Level	Shallow			X							
	PZ-035	2011 Q3	Field Duplicate	**0.033**	0.01	ug/L	Notification Level	Shallow			X							
	PZ-154	2011 Q1	Primary Sample	**0.023**	0.01	ug/L	Notification Level	Shallow									X	
	PZ-154	2011 Q1	Field Duplicate	**0.025**	0.01	ug/L	Notification Level	Shallow									X	
	RD-45A	2011 Q2	Primary Sample	**0.066**	0.01	ug/L	Notification Level	Chatsworth			X							
	RD-45A	2011 Q2	Field Duplicate	**0.066**	0.01	ug/L	Notification Level	Chatsworth			X							
	RD-45A	2011 Q3	Primary Sample	**0.11 J**	0.01	ug/L	Notification Level	Chatsworth			X							
	RD-45A	2011 Q3	Field Duplicate	**0.16 J**	0.01	ug/L	Notification Level	Chatsworth			X							
	RD-49C	2011 Q1	Primary Sample	**0.026**	0.01	ug/L	Notification Level	Chatsworth			X							
	RD-51B	2011 Q2	Primary Sample	0.0063	0.01	ug/L	Notification Level	Chatsworth			X							
	RD-51B	2011 Q3	Primary Sample	0.0081	0.01	ug/L	Notification Level	Chatsworth			X				X			
	RS-33	2011 Q1	Field Duplicate	**0.25 J**	0.01	ug/L	Notification Level	Shallow		X	X		X					
	RS-34	2011 Q1	Primary Sample	**0.015**	0.01	ug/L	Notification Level	Shallow		X	X		X					
	RS-34	2011 Q1	Field Duplicate	**0.015**	0.01	ug/L	Notification Level	Shallow		X	X		X					
	SH-09	2011 Q2	Primary Sample	0.01	0.01	ug/L	Notification Level	Shallow		X	X							
	SH-09	2011 Q2	Field Duplicate	0.0084	0.01	ug/L	Notification Level	Shallow		X	X							
Octachlorodibenzofuran	HAR-07	2011 Q2	Primary Sample	6.8 J	--	pg/L	--	Chatsworth			X							
	HAR-07	2011 Q2	Field Duplicate	6.2 J	--	pg/L	--	Chatsworth			X							
	PZ-141	2011 Q2	Primary Sample	6.5 J	--	pg/L	--	Shallow									X	
Octachlorodibenzo-p-dioxin	RS-34	2011 Q3	Primary Sample	17 J	--	pg/L	--	Shallow		X	X		X					
	RS-34	2011 Q3	Field Duplicate	16 J	--	pg/L	--	Shallow		X	X		X					
	SH-03	2011 Q2	Primary Sample	600	--	pg/L	--	Shallow		X	X		X					
o-Xylene	RD-96	2011 Q3	Primary Sample	1.3	1750	ug/L	Cal MCL	Chatsworth							X			
Perchlorate	HAR-04	2011 Q2	Primary Sample	1.5	6	ug/L	Cal MCL	Shallow			X							
	HAR-04	2011 Q2	Split Sample	1.9 J	6	ug/L	Cal MCL	Shallow			X							
	HAR-29	2011 Q2	Primary Sample	2.3	6	ug/L	Cal MCL	Shallow		X	X							
	RS-18	2011 Q3	Primary Sample	**6.3**	6	ug/L	Cal MCL	Shallow							X			
pH	ES-26	2011 Q2	Primary Sample	7.75 J	--	pH Units	--	Shallow	X									
	ES-26	2011 Q2	Field Duplicate	7.58 J	--	pH Units	--	Shallow	X									
	ES-27	2011 Q2	Primary Sample	7.68 J	--	pH Units	--	Shallow			X							
	HAR-01	2011 Q1	Primary Sample	6.9 J	--	pH Units	--	Chatsworth			X							
	HAR-01	2011 Q3	Primary Sample	7.18 J	--	pH Units	--	Chatsworth			X							
	HAR-03	2011 Q1	Primary Sample	6.71 J	--	pH Units	--	Shallow			X							
	HAR-04	2011 Q2	Split Sample	6.9	--	pH Units	--	Shallow			X							
	HAR-07	2011 Q1	Primary Sample	6.85	--	pH Units	--	Chatsworth			X							
	HAR-07	2011 Q2	Primary Sample	6.86	--	pH Units	--	Chatsworth			X							
	HAR-07	2011 Q2	Field Duplicate	6.82	--	pH Units	--	Chatsworth			X							
	HAR-08	2011 Q2	Primary Sample	7.18 J	--	pH Units	--	Chatsworth			X							
	HAR-08	2011 Q3	Primary Sample	7.25	--	pH Units	--	Chatsworth			X							
	HAR-12	2011 Q1	Primary Sample	7.1 J	--	pH Units	--	Shallow		X	X							
	HAR-13	2011 Q1	Primary Sample	6.97 J	--	pH Units	--	Shallow	X									
	HAR-16	2011 Q2	Primary Sample	6.81 J	--	pH Units	--	Chatsworth		X	X		X					
	HAR-16	2011 Q2	Field Duplicate	6.88 J	--	pH Units	--	Chatsworth		X	X		X					
	HAR-23	2011 Q3	Primary Sample	7.39 J	--	pH Units	--	Chatsworth			X							
	HAR-26	2011 Q2	Primary Sample	8.23	--	pH Units	--	Chatsworth			X							
	HAR-26	2011 Q3	Primary Sample	8.34 J	--	pH Units	--	Chatsworth			X							
	HAR-30	2011 Q2	Primary Sample	7	--	pH Units	--	Shallow		X	X							

TABLE 11
NEW MAXIMUM CONCENTRATIONS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV
pH	HAR-31	2011 Q2	Primary Sample	7.19	--	pH Units	--	Shallow	X									
	HAR-32	2011 Q2	Primary Sample	7.6 J	--	pH Units	--	Shallow			X							
	RD-05A	2011 Q2	Primary Sample	7.27	--	pH Units	--	Chatsworth			X							
	RD-05B	2011 Q1	Primary Sample	9.06	--	pH Units	--	Chatsworth			X							
	RD-05B	2011 Q2	Primary Sample	9.17	--	pH Units	--	Chatsworth			X							
	RD-05B	2011 Q3	Primary Sample	9.25 J	--	pH Units	--	Chatsworth			X							
	RD-05C	2011 Q3	Primary Sample	7.68 J	--	pH Units	--	Chatsworth			X							
	RD-08	2011 Q2	Primary Sample	8.48	--	pH Units	--	Chatsworth			X							
	RD-08	2011 Q3	Primary Sample	8.54 J	--	pH Units	--	Chatsworth			X							
	RD-11	2011 Q1	Primary Sample	8.25	--	pH Units	--	Chatsworth			X							
	RD-12	2011 Q2	Primary Sample	7.85	--	pH Units	--	Chatsworth			X							
	RD-36D	2011 Q1	Primary Sample	8.29 J	--	pH Units	--	Chatsworth			X							
	RD-36D	2011 Q2	Primary Sample	8.5	--	pH Units	--	Chatsworth			X							
	RD-39B	2011 Q1	Primary Sample	8.16	--	pH Units	--	Chatsworth			X							
	RD-39B	2011 Q2	Primary Sample	8.31	--	pH Units	--	Chatsworth			X							
	RD-39B	2011 Q2	Field Duplicate	8.31	--	pH Units	--	Chatsworth			X							
	RD-39B	2011 Q3	Primary Sample	8.4	--	pH Units	--	Chatsworth			X				X			
	RD-43C	2011 Q2	Primary Sample	7.42	--	pH Units	--	Chatsworth			X							
	RD-43C	2011 Q3	Primary Sample	7.44	--	pH Units	--	Chatsworth			X				X			
	RD-43C	2011 Q3	Field Duplicate	7.44	--	pH Units	--	Chatsworth			X				X			
	RD-45A	2011 Q1	Primary Sample	7.09	--	pH Units	--	Chatsworth			X							
	RD-45A	2011 Q2	Primary Sample	7.26	--	pH Units	--	Chatsworth			X							
	RD-46B	2011 Q3	Primary Sample	8.92 J	--	pH Units	--	Chatsworth			X				X			
	RD-48C	2011 Q2	Primary Sample	7.49	--	pH Units	--	Chatsworth			X							
	RD-49B	2011 Q2	Primary Sample	7.17	--	pH Units	--	Chatsworth	X									
	RD-52A	2011 Q2	Primary Sample	7.09 J	--	pH Units	--	Chatsworth			X							
	RD-52A	2011 Q3	Primary Sample	7.14 J	--	pH Units	--	Chatsworth			X							
	RD-53	2011 Q3	Primary Sample	7.2 J	--	pH Units	--	Chatsworth			X					X		
	RD-58A	2011 Q1	Primary Sample	7.23	--	pH Units	--	Chatsworth			X							
	RD-58A	2011 Q1	Split Sample	7.33	--	pH Units	--	Chatsworth			X							
	RD-58C	2011 Q1	Primary Sample	7.9	--	pH Units	--	Chatsworth			X							
	RD-77	2011 Q2	Primary Sample	7.45	--	pH Units	--	Chatsworth	X									
	RS-07	2011 Q2	Primary Sample	7.31 J	--	pH Units	--	Shallow			X							
	RS-34	2011 Q2	Primary Sample	7.71 J	--	pH Units	--	Shallow		X	X		X					
	SH-02	2011 Q1	Primary Sample	6.93	--	pH Units	--	Shallow		X								
	SH-03	2011 Q1	Primary Sample	7.05	--	pH Units	--	Shallow		X	X		X					
	SH-04	2011 Q2	Primary Sample	6.96	--	pH Units	--	Shallow			X							
	SH-07	2011 Q3	Primary Sample	7.52	--	pH Units	--	Shallow	X									
	SH-09	2011 Q1	Primary Sample	7.22 J	--	pH Units	--	Shallow		X	X							
Phenol	PZ-146	2011 Q3	Primary Sample	3.6 J	4200	ug/L	rchived Advisory Lev	Shallow									X	
Potassium	HAR-13	2011 Q1	Primary Sample	1.3 J	9.6	mg/L	SSFL Comparison	Shallow	X									
	HAR-27	2011 Q1	Primary Sample	2.1 J	9.6	mg/L	SSFL Comparison	Shallow		X	X		X					
	RD-77	2011 Q1	Primary Sample	3.6 J	9.6	mg/L	SSFL Comparison	Chatsworth	X									
Potassium, Dissolved	ES-26	2011 Q2	Primary Sample	2.5 J	9.6	mg/L	SSFL Comparison	Shallow	X									
	ES-26	2011 Q2	Field Duplicate	2.6 J	9.6	mg/L	SSFL Comparison	Shallow	X									
	HAR-17	2011 Q1	Primary Sample	2.5 J	9.6	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-17	2011 Q1	Split Sample	2.5 J	9.6	mg/L	SSFL Comparison	Chatsworth									X	

TABLE 11
NEW MAXIMUM CONCENTRATIONS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV
Potassium, Dissolved	PZ-140	2011 Q2	Primary Sample	3.3	9.6	mg/L	SSFL Comparison	Shallow									X	
	PZ-140	2011 Q2	Split Sample	3.1	9.6	mg/L	SSFL Comparison	Shallow									X	
	PZ-146	2011 Q3	Primary Sample	**20**	9.6	mg/L	SSFL Comparison	Shallow									X	
	PZ-154	2011 Q3	Primary Sample	**18**	9.6	mg/L	SSFL Comparison	Shallow									X	
	PZ-159	2011 Q3	Primary Sample	2.7	9.6	mg/L	SSFL Comparison	Shallow									X	
	RD-49A	2011 Q2	Primary Sample	7.7	9.6	mg/L	SSFL Comparison	Chatsworth	X									
	RD-55A	2011 Q1	Primary Sample	2.5 J	9.6	mg/L	SSFL Comparison	Chatsworth									X	
	RD-58A	2011 Q1	Primary Sample	4.4 J	9.6	mg/L	SSFL Comparison	Chatsworth									X	
	RD-58A	2011 Q1	Split Sample	4.3 J	9.6	mg/L	SSFL Comparison	Chatsworth									X	
	RD-77	2011 Q2	Primary Sample	3.5 J	9.6	mg/L	SSFL Comparison	Chatsworth	X									
Selenium	HAR-12	2011 Q2	Primary Sample	**0.0031 J**	0.0016	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-33	2011 Q2	Primary Sample	**0.0033 J**	0.0016	mg/L	SSFL Comparison	Shallow			X							
	RD-34A	2011 Q3	Primary Sample	**0.0034 J**	0.0016	mg/L	SSFL Comparison	Chatsworth							X			
Selenium, Dissolved	HAR-12	2011 Q2	Primary Sample	**0.0033 J**	0.0016	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-17	2011 Q1	Primary Sample	**0.0042 J**	0.0016	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-19	2011 Q2	Primary Sample	**0.0022 J**	0.0016	mg/L	SSFL Comparison	Chatsworth		X	X							
	HAR-25	2011 Q2	Primary Sample	**0.0021 J**	0.0016	mg/L	SSFL Comparison	Chatsworth			X							
	HAR-29	2011 Q2	Primary Sample	**0.031**	0.0016	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-32	2011 Q2	Primary Sample	**0.0036 J**	0.0016	mg/L	SSFL Comparison	Shallow			X							
	HAR-33	2011 Q2	Primary Sample	**0.0041 J**	0.0016	mg/L	SSFL Comparison	Shallow			X							
	PZ-140	2011 Q2	Split Sample	0.0015 J	0.0016	mg/L	SSFL Comparison	Shallow									X	
	PZ-141	2011 Q2	Primary Sample	**0.0027 J**	0.0016	mg/L	SSFL Comparison	Shallow									X	
	PZ-144	2011 Q2	Primary Sample	**0.0037 J**	0.0016	mg/L	SSFL Comparison	Shallow									X	
	PZ-144	2011 Q2	Field Duplicate	**0.0035 J**	0.0016	mg/L	SSFL Comparison	Shallow									X	
	PZ-154	2011 Q2	Primary Sample	**0.0018 J**	0.0016	mg/L	SSFL Comparison	Shallow									X	
	PZ-158	2011 Q1	Primary Sample	**0.0033 J**	0.0016	mg/L	SSFL Comparison	Shallow									X	
	RD-50 (Port 2)	2011 Q3	Primary Sample	**0.0056**	0.0016	mg/L	SSFL Comparison	Chatsworth							X			
	RD-50 (Port 2)	2011 Q3	Split Sample	**0.0046**	0.0016	mg/L	SSFL Comparison	Chatsworth							X			
	RS-08	2011 Q2	Primary Sample	**0.0063**	0.0016	mg/L	SSFL Comparison	Shallow			X							
Sodium	HAR-09	2011 Q1	Primary Sample	78	190	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-14	2011 Q1	Primary Sample	58	190	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-29	2011 Q2	Primary Sample	96	190	mg/L	SSFL Comparison	Shallow		X	X							
	PZ-041	2011 Q1	Primary Sample	70	190	mg/L	SSFL Comparison	Shallow									X	
	RD-41A	2011 Q2	Primary Sample	110	190	mg/L	SSFL Comparison	Chatsworth	X									
	RD-49A	2011 Q1	Primary Sample	150	190	mg/L	SSFL Comparison	Chatsworth	X									
	RD-77	2011 Q1	Primary Sample	37	190	mg/L	SSFL Comparison	Chatsworth	X									
	SH-07	2011 Q1	Primary Sample	50	190	mg/L	SSFL Comparison	Shallow	X									
	SH-09	2011 Q1	Primary Sample	140	190	mg/L	SSFL Comparison	Shallow		X	X							
Sodium, Dissolved	ES-17	2011 Q1	Primary Sample	89	190	mg/L	SSFL Comparison	Shallow	X	X	X		X					
	ES-26	2011 Q2	Field Duplicate	99	190	mg/L	SSFL Comparison	Shallow	X									
	HAR-14	2011 Q1	Primary Sample	57	190	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-17	2011 Q1	Primary Sample	110	190	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-17	2011 Q1	Split Sample	120	190	mg/L	SSFL Comparison	Chatsworth									X	
	PZ-139	2011 Q2	Primary Sample	130	190	mg/L	SSFL Comparison	Shallow									X	
	PZ-140	2011 Q2	Primary Sample	74	190	mg/L	SSFL Comparison	Shallow									X	
	PZ-140	2011 Q2	Split Sample	71	190	mg/L	SSFL Comparison	Shallow									X	
	PZ-140	2011 Q3	Primary Sample	75	190	mg/L	SSFL Comparison	Shallow									X	

TABLE 11
NEW MAXIMUM CONCENTRATIONS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV
Sodium, Dissolved	PZ-140	2011 Q3	Field Duplicate	75	190	mg/L	SSFL Comparison	Shallow									X	
	PZ-146	2011 Q3	Primary Sample	**230**	190	mg/L	SSFL Comparison	Shallow									X	
	PZ-159	2011 Q2	Primary Sample	44	190	mg/L	SSFL Comparison	Shallow									X	
	RD-19	2011 Q3	Primary Sample	88	190	mg/L	SSFL Comparison	Chatsworth							X			
	RD-34A	2011 Q3	Primary Sample	76	190	mg/L	SSFL Comparison	Chatsworth							X			
	RD-34C	2011 Q3	Primary Sample	40	190	mg/L	SSFL Comparison	Chatsworth							X			
	RD-41A	2011 Q2	Primary Sample	100	190	mg/L	SSFL Comparison	Chatsworth	X									
	RD-49B	2011 Q2	Primary Sample	53	190	mg/L	SSFL Comparison	Chatsworth	X									
	RD-49B	2011 Q2	Field Duplicate	53	190	mg/L	SSFL Comparison	Chatsworth	X									
	RD-55A	2011 Q1	Primary Sample	60	190	mg/L	SSFL Comparison	Chatsworth									X	
	RD-63	2011 Q3	Primary Sample	58	190	mg/L	SSFL Comparison	Chatsworth							X			
	SH-09	2011 Q1	Primary Sample	130	190	mg/L	SSFL Comparison	Shallow		X	X							
Specific conductivity	HAR-09	2011 Q1	Primary Sample	1600	900	umhos/cm	Recommended SMCL	Shallow		X	X		X					
	HAR-12	2011 Q1	Primary Sample	740	900	umhos/cm	Recommended SMCL	Shallow		X	X							
	HAR-12	2011 Q2	Primary Sample	760	900	umhos/cm	Recommended SMCL	Shallow		X	X							
	HAR-13	2011 Q1	Primary Sample	320	900	umhos/cm	Recommended SMCL	Shallow	X									
	HAR-14	2011 Q1	Primary Sample	730	900	umhos/cm	Recommended SMCL	Shallow		X	X		X					
	HAR-19	2011 Q1	Primary Sample	**20000**	900	umhos/cm	Recommended SMCL	Chatsworth		X	X							
	HAR-19	2011 Q1	Field Duplicate	**21000**	900	umhos/cm	Recommended SMCL	Chatsworth		X	X							
	HAR-29	2011 Q2	Primary Sample	1200	900	umhos/cm	Recommended SMCL	Shallow		X	X							
	RD-41A	2011 Q2	Primary Sample	1300	900	umhos/cm	Recommended SMCL	Chatsworth	X									
	RD-49B	2011 Q1	Primary Sample	1200	900	umhos/cm	Recommended SMCL	Chatsworth	X									
	SH-09	2011 Q1	Primary Sample	1600	900	umhos/cm	Recommended SMCL	Shallow		X	X							
Strontium	ES-17	2011 Q2	Primary Sample	0.37	0.8	mg/L	SSFL Comparison	Shallow		X	X		X					
	ES-26	2011 Q2	Primary Sample	**0.81**	0.8	mg/L	SSFL Comparison	Shallow	X									
	ES-26	2011 Q2	Field Duplicate	**0.82**	0.8	mg/L	SSFL Comparison	Shallow	X									
	HAR-09	2011 Q1	Primary Sample	0.65	0.8	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-27	2011 Q1	Primary Sample	0.77	0.8	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-28	2011 Q1	Primary Sample	0.65	0.8	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-29	2011 Q2	Primary Sample	0.71	0.8	mg/L	SSFL Comparison	Shallow		X	X							
	RD-49B	2011 Q1	Primary Sample	0.62	0.8	mg/L	SSFL Comparison	Chatsworth	X									
	RD-55A	2011 Q1	Primary Sample	0.57	0.8	mg/L	SSFL Comparison	Chatsworth									X	
	RS-33	2011 Q1	Primary Sample	0.7	0.8	mg/L	SSFL Comparison	Shallow		X	X		X					
	RS-34	2011 Q1	Primary Sample	0.57	0.8	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-07	2011 Q1	Primary Sample	0.24	0.8	mg/L	SSFL Comparison	Shallow	X									
	SH-09	2011 Q1	Primary Sample	0.73	0.8	mg/L	SSFL Comparison	Shallow		X	X							
Strontium, Dissolved	ES-17	2011 Q2	Primary Sample	0.38	0.8	mg/L	SSFL Comparison	Shallow		X	X		X					
	ES-26	2011 Q1	Field Duplicate	0.78	0.8	mg/L	SSFL Comparison	Shallow	X									
	ES-26	2011 Q2	Primary Sample	**0.83**	0.8	mg/L	SSFL Comparison	Shallow	X									
	ES-26	2011 Q2	Field Duplicate	**0.84**	0.8	mg/L	SSFL Comparison	Shallow	X									
	HAR-09	2011 Q1	Primary Sample	0.62	0.8	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-19	2011 Q2	Primary Sample	0.56	0.8	mg/L	SSFL Comparison	Chatsworth		X	X							
	HAR-27	2011 Q1	Primary Sample	0.76	0.8	mg/L	SSFL Comparison	Shallow		X	X		X					
	HAR-28	2011 Q1	Primary Sample	0.64	0.8	mg/L	SSFL Comparison	Shallow		X	X							

TABLE 11
NEW MAXIMUM CONCENTRATIONS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV
Strontium, Dissolved	HAR-28	2011 Q2	Primary Sample	0.64	0.8	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-29	2011 Q2	Primary Sample	0.7	0.8	mg/L	SSFL Comparison	Shallow		X	X							
	RD-49B	2011 Q2	Primary Sample	0.59	0.8	mg/L	SSFL Comparison	Chatsworth	X									
	RD-49B	2011 Q2	Field Duplicate	0.59	0.8	mg/L	SSFL Comparison	Chatsworth	X									
	RD-55A	2011 Q1	Primary Sample	0.55	0.8	mg/L	SSFL Comparison	Chatsworth									X	
	RS-33	2011 Q1	Primary Sample	0.68	0.8	mg/L	SSFL Comparison	Shallow		X	X		X					
	RS-34	2011 Q1	Primary Sample	0.59	0.8	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-09	2011 Q1	Primary Sample	0.67	0.8	mg/L	SSFL Comparison	Shallow		X	X							
Strontium-90, Dissolved	RD-98	2011 Q1	Primary Sample	**64.2 ± 2.4**	8	pCi/L	Primary MCL	Chatsworth										X
	RD-98	2011 Q2	Primary Sample	**142 ± 3.4**	8	pCi/L	Primary MCL	Chatsworth										X
Sulfate	ES-17	2011 Q2	Primary Sample	58	376	mg/L	SSFL Comparison	Shallow		X	X		X					
	ES-26	2011 Q2	Primary Sample	210	376	mg/L	SSFL Comparison	Shallow	X									
	ES-26	2011 Q2	Field Duplicate	200	376	mg/L	SSFL Comparison	Shallow	X									
	HAR-09	2011 Q1	Primary Sample	290	376	mg/L	SSFL Comparison	Shallow		X	X		X					
	PZ-140	2011 Q3	Primary Sample	150	376	mg/L	SSFL Comparison	Shallow									X	
	PZ-140	2011 Q3	Field Duplicate	150	376	mg/L	SSFL Comparison	Shallow									X	
	PZ-147	2011 Q3	Primary Sample	24	376	mg/L	SSFL Comparison	Shallow									X	
	PZ-154	2011 Q1	Primary Sample	210	376	mg/L	SSFL Comparison	Shallow									X	
	RD-49A	2011 Q1	Primary Sample	**640**	376	mg/L	SSFL Comparison	Chatsworth	X									
	RD-49B	2011 Q1	Primary Sample	270	376	mg/L	SSFL Comparison	Chatsworth	X									
	RS-33	2011 Q2	Primary Sample	210	376	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-09	2011 Q1	Primary Sample	280	376	mg/L	SSFL Comparison	Shallow		X	X							
Sulfide	HAR-30	2011 Q1	Primary Sample	0.39	--	mg/L	--	Shallow		X	X							
	HAR-30	2011 Q1	Field Duplicate	0.33	--	mg/L	--	Shallow		X	X							
	HAR-30	2011 Q1	Split Sample	0.42 J	--	mg/L	--	Shallow		X	X							
	PZ-060	2011 Q3	Split Sample	0.027 J	--	mg/L	--	Shallow			X							
	RD-11	2011 Q3	Primary Sample	0.088 J	--	mg/L	--	Chatsworth			X							
	RD-11	2011 Q3	Field Duplicate	0.091 J	--	mg/L	--	Chatsworth			X							
	RD-11	2011 Q3	Split Sample	0.084 J	--	mg/L	--	Chatsworth			X							
Tetrachloroethene	PZ-158	2011 Q1	Primary Sample	0.43 J	5	ug/L	Primary MCL	Shallow									X	
	PZ-158	2011 Q2	Primary Sample	0.47 J	5	ug/L	Primary MCL	Shallow									X	
	RD-36B	2011 Q1	Primary Sample	**17**	5	ug/L	Primary MCL	Chatsworth			X							
Thallium	HAR-17	2011 Q1	Primary Sample	0.000067 J	0.00013	mg/L	SSFL Comparison	Chatsworth									X	
Thallium, Dissolved	PZ-139	2011 Q2	Primary Sample	0.000092 J	0.00013	mg/L	SSFL Comparison	Shallow									X	
	PZ-154	2011 Q2	Primary Sample	0.000067 J	0.00013	mg/L	SSFL Comparison	Shallow									X	
Toluene	RD-96	2011 Q3	Primary Sample	2.5	150	ug/L	Cal MCL	Chatsworth							X			
Total Alkalinity	ES-26	2011 Q1	Primary Sample	310	--	mg/L	--	Shallow	X									
	ES-26	2011 Q1	Field Duplicate	310	--	mg/L	--	Shallow	X									
	ES-26	2011 Q2	Primary Sample	340	--	mg/L	--	Shallow	X									
	ES-26	2011 Q2	Field Duplicate	310	--	mg/L	--	Shallow	X									
	HAR-12	2011 Q2	Primary Sample	330	--	mg/L	--	Shallow		X	X							
	HAR-19	2011 Q1	Field Duplicate	500	--	mg/L	--	Chatsworth		X	X							
	HAR-28	2011 Q2	Primary Sample	520	--	mg/L	--	Shallow		X	X							
	RD-41A	2011 Q2	Primary Sample	490	--	mg/L	--	Chatsworth	X									

TABLE 11
NEW MAXIMUM CONCENTRATIONS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV
Total Alkalinity	RD-49B	2011 Q2	Primary Sample	330	--	mg/L	--	Chatsworth	X									
	RS-33	2011 Q1	Primary Sample	350	--	mg/L	--	Shallow		X	X		X					
	RS-34	2011 Q1	Primary Sample	440	--	mg/L	--	Shallow		X	X		X					
	SH-02	2011 Q2	Primary Sample	340	--	mg/L	--	Shallow		X								
	SH-07	2011 Q1	Primary Sample	300	--	mg/L	--	Shallow	X									
Total Dissolved Solids	ES-26	2011 Q1	Primary Sample	750	--	mg/L	Recommended SMCL	Shallow	X									
	ES-26	2011 Q2	Primary Sample	760	--	mg/L	Recommended SMCL	Shallow	X									
	ES-26	2011 Q2	Field Duplicate	770	--	mg/L	Recommended SMCL	Shallow	X									
	SH-09	2011 Q1	Primary Sample	1100	--	mg/L	Recommended SMCL	Shallow		X	X							
trans-1,2-Dichloroethene	PZ-141	2011 Q3	Primary Sample	1.6 J	10	ug/L	Cal MCL	Shallow									X	
	PZ-149	2011 Q2	Primary Sample	0.26 J	10	ug/L	Cal MCL	Shallow									X	
	PZ-149	2011 Q3	Primary Sample	0.33 J	10	ug/L	Cal MCL	Shallow									X	
	PZ-154	2011 Q2	Primary Sample	**440 J**	10	ug/L	Cal MCL	Shallow									X	
	PZ-155	2011 Q2	Primary Sample	0.5 J	10	ug/L	Cal MCL	Shallow									X	
	PZ-155	2011 Q3	Primary Sample	3.2	10	ug/L	Cal MCL	Shallow									X	
	RD-02	2011 Q1	Primary Sample	**53**	10	ug/L	Cal MCL	Chatsworth							X			
	RD-02	2011 Q2	Primary Sample	**74 J**	10	ug/L	Cal MCL	Chatsworth										
	RD-104	2011 Q3	Primary Sample	**11**	10	ug/L	Cal MCL	Chatsworth		X	X		X					
	RD-33A (Port 2)	2011 Q3	Primary Sample	1.2	10	ug/L	Cal MCL	Chatsworth							X			
	RD-41B	2011 Q1	Primary Sample	**110**	10	ug/L	Cal MCL	Chatsworth							X			
	RD-41B	2011 Q3	Primary Sample	**120**	10	ug/L	Cal MCL	Chatsworth							X			
	RD-41B	2011 Q3	Field Duplicate	**120**	10	ug/L	Cal MCL	Chatsworth							X			
	RD-77	2011 Q1	Primary Sample	7.7	10	ug/L	Cal MCL	Chatsworth	X									
	RS-33	2011 Q1	Primary Sample	0.48 J	10	ug/L	Cal MCL	Shallow		X	X		X					
	RS-34	2011 Q2	Primary Sample	1.3	10	ug/L	Cal MCL	Shallow		X	X		X					
Trichloroethene	HAR-01	2011 Q3	Primary Sample	**470**	5	ug/L	Primary MCL	Chatsworth			X							
	PZ-155	2011 Q2	Primary Sample	3.1	5	ug/L	Primary MCL	Shallow									X	
	PZ-155	2011 Q3	Primary Sample	**1200 J**	5	ug/L	Primary MCL	Shallow									X	
	PZ-158	2011 Q3	Primary Sample	0.31 J	5	ug/L	Primary MCL	Shallow									X	
	RD-39B	2011 Q2	Primary Sample	0.41 J	5	ug/L	Primary MCL	Chatsworth			X							
	RD-39B	2011 Q2	Field Duplicate	0.39 J	5	ug/L	Primary MCL	Chatsworth			X							
	RD-46A	2011 Q2	Primary Sample	**27000 J**	5	ug/L	Primary MCL	Chatsworth			X							
	RD-46A	2011 Q3	Primary Sample	**32000**	5	ug/L	Primary MCL	Chatsworth			X							
	RS-34	2011 Q2	Primary Sample	**31**	5	ug/L	Primary MCL	Shallow		X	X		X					
Turbidity	HAR-09	2011 Q1	Primary Sample	**120**	5	NTU	Secondary MCL	Shallow		X	X		X					
	HAR-13	2011 Q1	Primary Sample	**130**	5	NTU	Secondary MCL	Shallow	X									
	HAR-14	2011 Q2	Primary Sample	0.88	5	NTU	Secondary MCL	Shallow		X	X		X					
	RD-49B	2011 Q1	Primary Sample	**6.6**	5	NTU	Secondary MCL	Chatsworth	X									
Uranium-233/234, Dissolved	RD-13	2011 Q1	Primary Sample	2.47 ± 0.31	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-13	2011 Q3	Primary Sample	2.509 ± 0.623	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-18	2011 Q3	Primary Sample	3.38 J ± 0.717	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-19	2011 Q3	Primary Sample	14.16 J ± 2.662	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-19	2011 Q3	Split Sample	14.8 ± 0.63	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-33A (Port 2)	2011 Q3	Primary Sample	2.073 J ± 0.555	20	pCi/L	Cal MCL	Chatsworth							X			

TABLE 11
NEW MAXIMUM CONCENTRATIONS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV
Uranium-233/234, Dissolved	RD-34A	2011 Q3	Primary Sample	12.4 J ± 2.367	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-34B	2011 Q1	Primary Sample	1.87 ± 0.45	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-50 (Port 2)	2011 Q1	Primary Sample	12.7 ± 0.74	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-57 (Port 7)	2011 Q3	Primary Sample	4.875 J ± 1.204	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-59A	2011 Q3	Primary Sample	1.101 J ± 0.369	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-59B	2011 Q3	Primary Sample	0.299 J ± 0.209	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-59C	2011 Q3	Primary Sample	0.421 ± 0.227	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-85	2011 Q1	Primary Sample	3.13 ± 0.29	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-85	2011 Q3	Primary Sample	5.852 J ± 1.114	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-85	2011 Q3	Field Duplicate	5.483 ± 1.068	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-86	2011 Q3	Primary Sample	2.978 ± 0.847	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-96	2011 Q1	Primary Sample	5.8 ± 0.36	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-98	2011 Q1	Primary Sample	6.75 ± 0.55	20	pCi/L	Cal MCL	Chatsworth										X
Uranium-235, Dissolved	RD-13	2011 Q3	Primary Sample	0.22 J ± 0.169	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-18	2011 Q1	Primary Sample	0.143 J ± 0.076	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-18	2011 Q3	Primary Sample	0.256 J ± 0.172	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-34A	2011 Q3	Primary Sample	1.237 J ± 0.582	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-57 (Port 7)	2011 Q3	Primary Sample	0.5975 J ± 0.388	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-63	2011 Q3	Primary Sample	0.545 J ± 0.271	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-85	2011 Q1	Primary Sample	0.155 J ± 0.065	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-85	2011 Q3	Primary Sample	0.197 J ± 0.156	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-85	2011 Q3	Field Duplicate	0.432 ± 0.237	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-86	2011 Q1	Primary Sample	0.158 J ± 0.059	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-96	2011 Q1	Primary Sample	0.224 J ± 0.067	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-96	2011 Q3	Primary Sample	0.574 J ± 0.256	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-98	2011 Q1	Primary Sample	0.27 J ± 0.11	20	pCi/L	Cal MCL	Chatsworth										X
Uranium-238, Dissolved	RD-13	2011 Q3	Primary Sample	1.988 ± 0.535	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-33A (Port 2)	2011 Q1	Primary Sample	1.07 ± 0.19	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-34A	2011 Q3	Primary Sample	14.51 J ± 2.678	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-34B	2011 Q1	Primary Sample	1.59 ± 0.4	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-34C	2011 Q1	Primary Sample	0.063 J ± 0.047	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-50 (Port 2)	2011 Q1	Primary Sample	10 ± 0.63	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-57 (Port 7)	2011 Q3	Primary Sample	4.268 J ± 1.101	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-59A	2011 Q1	Primary Sample	0.517 J ± 0.095	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-63	2011 Q3	Primary Sample	6.195 J ± 1.186	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-85	2011 Q1	Primary Sample	2.64 ± 0.26	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-85	2011 Q3	Primary Sample	4.709 J ± 0.943	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-85	2011 Q3	Field Duplicate	4.75 ± 0.956	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-86	2011 Q3	Primary Sample	2.247 ± 0.705	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-96	2011 Q1	Primary Sample	5.81 ± 0.36	20	pCi/L	Cal MCL	Chatsworth							X			
	RD-98	2011 Q1	Primary Sample	2.89 ± 0.33	20	pCi/L	Cal MCL	Chatsworth										X
Uranium-238, Particulate	RD-34A	2011 Q1	Primary Sample	0.138 J ± 0.05	20	pCi/L	Cal MCL	Chatsworth							X			
Vanadium	ES-27	2011 Q2	Primary Sample	0.0017 J	0.0026	mg/L	SSFL Comparison	Shallow			X							
	HAR-04	2011 Q2	Primary Sample	0.00092 J	0.0026	mg/L	SSFL Comparison	Shallow			X							

TABLE 11
NEW MAXIMUM CONCENTRATIONS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV
Vanadium	HAR-12	2011 Q2	Primary Sample	0.0012 J	0.0026	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-17	2011 Q1	Primary Sample	0.0023 J	0.0026	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-17	2011 Q1	Split Sample	**0.0029 J**	0.0026	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-28	2011 Q2	Primary Sample	0.0017 J	0.0026	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-30	2011 Q2	Primary Sample	0.0006 J	0.0026	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-33	2011 Q2	Primary Sample	0.0018 J	0.0026	mg/L	SSFL Comparison	Shallow			X							
	RD-86	2011 Q3	Primary Sample	0.0013 J	0.0026	mg/L	SSFL Comparison	Chatsworth							X			
	RS-33	2011 Q2	Primary Sample	0.0014 J	0.0026	mg/L	SSFL Comparison	Shallow		X	X		X					
	RS-34	2011 Q2	Primary Sample	0.0022 J	0.0026	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-03	2011 Q2	Primary Sample	0.0014 J	0.0026	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-09	2011 Q2	Primary Sample	0.0013 J	0.0026	mg/L	SSFL Comparison	Shallow		X	X							
	SH-11	2011 Q2	Primary Sample	0.00089 J	0.0026	mg/L	SSFL Comparison	Shallow			X							
Vanadium, Dissolved	ES-17	2011 Q2	Primary Sample	**0.0034 J**	0.0026	mg/L	SSFL Comparison	Shallow		X	X		X					
	ES-27	2011 Q2	Primary Sample	0.0016 J	0.0026	mg/L	SSFL Comparison	Shallow			X							
	HAR-12	2011 Q2	Primary Sample	0.0012 J	0.0026	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-28	2011 Q2	Primary Sample	0.0015 J	0.0026	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-30	2011 Q2	Primary Sample	0.00062 J	0.0026	mg/L	SSFL Comparison	Shallow		X	X							
	HAR-32	2011 Q2	Primary Sample	0.0013 J	0.0026	mg/L	SSFL Comparison	Shallow			X							
	HAR-33	2011 Q2	Primary Sample	0.0017 J	0.0026	mg/L	SSFL Comparison	Shallow			X							
	PZ-139	2011 Q2	Primary Sample	**0.012**	0.0026	mg/L	SSFL Comparison	Shallow									X	
	PZ-144	2011 Q2	Field Duplicate	**0.0051 J**	0.0026	mg/L	SSFL Comparison	Shallow									X	
	PZ-144	2011 Q3	Primary Sample	**0.0059 J**	0.0026	mg/L	SSFL Comparison	Shallow									X	
	PZ-146	2011 Q3	Primary Sample	**0.0035 J**	0.0026	mg/L	SSFL Comparison	Shallow									X	
	PZ-154	2011 Q2	Primary Sample	**0.0035 J**	0.0026	mg/L	SSFL Comparison	Shallow									X	
	PZ-159	2011 Q1	Primary Sample	**0.0035 J**	0.0026	mg/L	SSFL Comparison	Shallow									X	
	PZ-159	2011 Q3	Primary Sample	**0.0042 J**	0.0026	mg/L	SSFL Comparison	Shallow									X	
	RD-50 (Port 2)	2011 Q3	Primary Sample	**0.0031 J**	0.0026	mg/L	SSFL Comparison	Chatsworth							X			
	RD-50 (Port 2)	2011 Q3	Split Sample	0.0025	0.0026	mg/L	SSFL Comparison	Chatsworth							X			
	RD-55A	2011 Q1	Primary Sample	0.0016 J	0.0026	mg/L	SSFL Comparison	Chatsworth									X	
	RS-33	2011 Q2	Primary Sample	0.0014 J	0.0026	mg/L	SSFL Comparison	Shallow		X	X		X					
	RS-34	2011 Q2	Primary Sample	0.0019 J	0.0026	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-03	2011 Q2	Primary Sample	0.0013 J	0.0026	mg/L	SSFL Comparison	Shallow		X	X		X					
	SH-09	2011 Q2	Primary Sample	0.0013 J	0.0026	mg/L	SSFL Comparison	Shallow		X	X							
Vinyl chloride	HAR-21	2011 Q1	Primary Sample	**160**	0.5	ug/L	Cal MCL	Chatsworth			X							
	PZ-155	2011 Q3	Primary Sample	**2**	0.5	ug/L	Cal MCL	Shallow									X	
Zinc	ES-17	2011 Q2	Primary Sample	0.039	6.3	mg/L	SSFL Comparison	Shallow		X	X		X					
	ES-26	2011 Q1	Primary Sample	0.13	6.3	mg/L	SSFL Comparison	Shallow	X									
	ES-26	2011 Q1	Field Duplicate	0.13	6.3	mg/L	SSFL Comparison	Shallow	X									
	HAR-13	2011 Q2	Primary Sample	0.022	6.3	mg/L	SSFL Comparison	Shallow	X									
	HAR-17	2011 Q1	Primary Sample	1	6.3	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-17	2011 Q1	Split Sample	1	6.3	mg/L	SSFL Comparison	Chatsworth									X	
	HAR-19	2011 Q1	Primary Sample	0.068	6.3	mg/L	SSFL Comparison	Chatsworth		X	X							
	HAR-19	2011 Q1	Field Duplicate	0.067	6.3	mg/L	SSFL Comparison	Chatsworth		X	X							
	HAR-21	2011 Q2	Primary Sample	0.071	6.3	mg/L	SSFL Comparison	Chatsworth			X							

TABLE 11
NEW MAXIMUM CONCENTRATIONS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Analyte	Well Identifier	Event	Sample Type	Result	Groundwater Screening Reference Value	Units	Screening Type	Groundwater Unit	Monitoring Program									
									Regulated Unit PCP								Other	
									Bkgd	DM	EM	EM(aff)	POC	CAIM	Site-Wide	LUFT	SMOU RFI	Area IV
Zinc	RD-11	2011 Q2	Primary Sample	0.11	6.3	mg/L	SSFL Comparison	Chatsworth			X							
	RD-49B	2011 Q1	Primary Sample	4.3	6.3	mg/L	SSFL Comparison	Chatsworth	X									
	RD-49C	2011 Q2	Primary Sample	0.68	6.3	mg/L	SSFL Comparison	Chatsworth			X							
	SH-02	2011 Q1	Primary Sample	0.0096 J	6.3	mg/L	SSFL Comparison	Shallow		X								
	SH-07	2011 Q1	Primary Sample	0.0049 J	6.3	mg/L	SSFL Comparison	Shallow	X									
Zinc, Dissolved	ES-17	2011 Q1	Primary Sample	0.032	6.3	mg/L	SSFL Comparison	Shallow	X	X	X		X					
	ES-17	2011 Q2	Primary Sample	0.045	6.3	mg/L	SSFL Comparison	Shallow		X	X		X					
	PZ-139	2011 Q2	Primary Sample	0.022	6.3	mg/L	SSFL Comparison	Shallow									X	
	PZ-140	2011 Q1	Primary Sample	0.0027 J	6.3	mg/L	SSFL Comparison	Shallow									X	
	PZ-159	2011 Q3	Primary Sample	0.016	6.3	mg/L	SSFL Comparison	Shallow									X	
	RD-11	2011 Q2	Primary Sample	0.11	6.3	mg/L	SSFL Comparison	Chatsworth			X							
	RD-49C	2011 Q2	Primary Sample	0.76	6.3	mg/L	SSFL Comparison	Chatsworth			X							
	RS-33	2011 Q2	Primary Sample	0.0084 J	6.3	mg/L	SSFL Comparison	Shallow		X	X		X					

NOTES AND ABBREVIATIONS:

bold - indicates results that exceed the screening value
J - Result is estimated
mg/L - milligrams per liter
ug/L - micrograms per liter
pCi/L - picocuries per liter
NTU - nephelometric turbidity units

Primary MCL - Primary Maximum Contaminant Level
Cal MCL - California Primary Maximum Contaminant Level
Secondary MCL - Secondary Maximum Contaminant Level
SMCL - Secondary Maximum Contaminant Level
Taste/Odor - Taste/Odor Threshold
SSFL Comparison - site-specific values for metals developed by DTSC
SWGW RBSL - Site-Wide Groundwater Risk-Based Screening Level

Chatsworth - Chatsworth Formation groundwater unit
Shallow - Near-surface groundwater unit

PCP - Post-Closure Permit
Bkgd - Background
DM - Detection Monitoring
EM - Evaluation Monitoring
EM(aff) - Evaluation Monitoring (affected media)
POC - Point of Compliance
CAIM - Corrective Measures Interim Measures
SMOU - Surficial Media Operable Unit
RCRA Facility Investigation

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		ES-01	ES-14	ES-17	ES-17	ES-17	ES-17	ES-17	ES-26
SampleType:		Primary	Primary	Primary	Primary	Primary	Split	Field Duplicate	Primary
Sample Name:		ES-01_072711_01	ES-14_072211_01	ES-17_012711_01	ES-17_042511_01	ES-17_072611_01	ES-17_072611_03	ES-17_072611_36	ES-26_011811_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver
Collection Date:		7/27/2011	7/22/2011	1/27/2011	4/25/2011	7/26/2011	7/26/2011	7/26/2011	1/18/2011
Analyte (ug/L)	**Method**								
1,1,1,2-Tetrachloroethane	8260B	--	--	--	0.42 U	2.1 U	11 UJ	2.1 U	--
1,1,1-Trichloroethane	8260B	0.16 U	0.16 U	1.6 U	2.8 J	4.4 J	12 U	4.7 J	0.16 U
1,1,2,2-Tetrachloroethane	8260B	--	--	--	0.42 UJ	2.1 U	12 U	2.1 U	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.42 U	4.6 J	2100	1900	3100 J	--	--	15
1,1,2-Trichloroethane	8260B	0.27 U	0.27 U	2.7 U	0.54 U	2.7 U	12 U	2.7 U	0.27 U
1,1-Dichloroethane	8260B	0.22 U	0.31 J	2.2 U	0.68 J	3.5 J	16 U	3.9 J	0.22 U
1,1-Dichloroethene	8260B	0.95 J	2.2 J	2.3 U	7.6 J	15 J	17 U	16 J	0.23 U
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	0.0017 U	--	--	0.0017 U	--	--	--	--
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	--	0.0067 U	--	--	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	--	0.0037 UJ	--	--	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	--	0.3 U	1.5 U	13 U	1.5 U	--
1,2-Dichloroethane	8260B	0.13 U	0.13 U	1.3 U	0.26 U	1.3 U	11 U	1.3 U	0.13 U
1,2-Dichloropropane	8260B	--	--	--	0.36 U	1.8 U	14 U	1.8 U	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	--	0.26 U	1.3 U	14 U	1.3 U	--
1,4-Dichlorobenzene	8260B	--	--	--	0.32 U	1.6 U	15 U	1.6 U	--
1,4-Dioxane	8260B SIM	1.2 J	--	0.75 U	0.75 J	2.3	--	--	0.75 U
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	--	3.4 U	17 U	100 U	17 U	--
Acetone	8260B	1.9 U	3.4 J	19 U	300 J	19 U	180 UJ	19 U	1.9 U
Acetonitrile	8260B	--	--	--	19 U	96 UJ	360 UJ	96 UJ	--
Acrolein	8260B	--	--	--	2.8 UJ	--	--	--	--
Acrylonitrile	8260B	--	--	--	1.4 UJ	--	--	--	--
Allylchloride	8260B	--	--	--	0.34 U	1.7 U	28 UJ	1.7 U	--
Benzene	8260B	0.16 U	0.16 U	1.6 U	0.32 U	1.6 U	11 U	1.6 U	0.16 U
Bromobenzene	8260B	--	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	--	0.34 U	1.7 U	12 U	1.7 U	--
Bromoform	8260B	--	--	--	0.38 UJ	1.9 U	16 U	1.9 U	--
Bromomethane	8260B	--	--	--	0.42 U	2.1 U	17 U	2.1 U	--
CarbonDisulfide	8260B	--	--	--	0.9 UJ	4.5 U	19 U	4.5 U	--
CarbonTetrachloride	8260B	0.19 U	0.19 U	1.9 U	0.38 UJ	1.9 U	11 UJ	1.9 U	0.19 U
Chlorobenzene	8260B	--	--	--	0.34 U	1.7 U	14 U	1.7 U	--
Chloroethane	8260B	--	--	--	0.82 U	4.1 U	16 U	4.1 U	--
Chloroform	8260B	0.16 U	0.16 U	1.6 U	0.32 U	1.6 U	13 U	1.6 U	0.16 U
Chloromethane	8260B	--	--	--	0.6 U	3 U	16 U	3 U	--
Chloroprene	8260B	--	--	--	0.42 U	2.1 U	24 U	2.1 U	--
cis-1,2-Dichloroethene	8260B	130 J	140	5 J	110	260 J	220	280 J	1.7
cis-1,3-Dichloropropene	8260B	--	--	--	0.32 U	1.6 U	8.8 U	1.6 U	--
Cumene	8260B	--	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	--	0.34 UJ	1.7 U	16 UJ	1.7 U	--
Dibromomethane	8260B	--	--	--	0.34 U	1.7 U	14 U	1.7 U	--
Dichlorodifluoromethane	8260B	--	--	--	3.2 J	6.2 J	10 U	6.1 J	--
Diisopropylether	8260B	--	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	--	7.4 U	37 U	280 UJ	37 U	--
Ethylmethacrylate	8260B	--	--	--	1.7 U	8.6 U	36 U	8.6 U	--
Ethylbenzene	8260B	0.16 U	0.16 U	1.6 U	0.32 U	1.6 U	10 U	1.6 U	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	--	0.46 U	2.3 U	40 U	2.3 U	--
Isobutanol	8260B	--	--	--	73 U	370 UJ	280 U	370 UJ	--
Isopropanol	8260B	--	--	130 U	26 U	130 U	--	--	13 U
Methacrylonitrile	8260B	--	--	--	3.2 U	16 U	36 U	16 U	--
Methylethylketone	8260B	2 U	2 U	20 U	4 U	20 U	190 UJ	20 U	2 U
Methylisobutylketone(MIBK)	8260B	--	--	--	2 U	9.8 U	140 UJ	9.8 U	--
Methylmethacrylate	8260B	--	--	--	2.2 U	11 U	36 U	11 U	--
Methyltert-butylether	8260B	--	--	--	--	--	--	--	--
Methylenechloride	8260B	0.32 U	0.32 U	50 U	0.96 J	3.2 U	38 U	3.2 U	0.32 U
m-Xylene&p-Xylene	8260B	0.34 U	0.34 U	3.4 U	0.68 U	3.4 U	24 U	3.4 U	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 U	0.19 U	1.9 U	0.38 U	1.9 U	12 U	1.9 U	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--	--
Styrene	8260B	--	--	--	0.34 U	1.7 U	8 U	1.7 U	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.2 U	0.2 U	2 U	1.3 J	2 U	13 U	2 U	0.2 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	--	--
Toluene	8260B	0.17 U	0.17 U	1.7 U	0.34 U	1.7 U	14 U	1.7 U	0.17 U
trans-1,2-Dichloroethene	8260B	22	0.52 J	1.5 U	0.6 J	1.5 U	12 U	1.5 U	0.15 U
trans-1,3-Dichloropropene	8260B	--	--	--	0.38 U	1.9 U	13 U	1.9 U	--
trans-1,4-Dichloro-2-butene	8260B	--	--	--	1.6 U	8 U	100 U	8 U	--
Trichloroethene	8260B	260 J	1.4 J	79	370	1900 J	2000	1900 J	7.9
Trichlorofluoromethane	8260B	0.29 U	0.29 U	2.9 U	0.58 UJ	2.9 UJ	14 U	2.9 UJ	0.29 U
Vinylacetate	8260B	--	--	--	1.9 U	9.4 U	40 UJ	9.4 U	--
Vinylchloride	8260B	1.9	0.1 U	1 U	0.2 U	1 U	16 U	1 U	0.1 U
Xylenes,Total	8260B	--	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		ES-26	ES-26	ES-26	ES-26	ES-27	ES-27	ES-27
SampleType:		Field Duplicate	Primary	Field Duplicate	Primary	Primary	Primary	Primary
Sample Name:		ES-26_011811_36	ES-26_042611_01	ES-26_042611_36	ES-26_072611_01	ES-27_011711_01	ES-27_042511_01	ES-27_072611_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/18/2011	4/26/2011	4/26/2011	7/26/2011	1/17/2011	4/25/2011	7/26/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	0.84 U	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.64 U	0.64 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	0.84 U	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	15	9.3 J	8.5 J	3.6 J	370 J	850	1600 J
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	1.1 U	1.1 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.88 U	0.88 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.92 U	0.92 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	--	--	--	--	0.0017 U	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	0.0067 U	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	0.0036 UJ	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	0.6 U	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.52 U	0.52 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	0.72 U	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	0.52 U	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	0.64 U	--
1,4-Dioxane	**8260B SIM**	0.75 U	0.64 U	0.64 U	0.75 J	0.75 U	0.64 U	0.64 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	6.8 U	--
Acetone	**8260B**	1.9 U	1.9 U	1.9 U	10 UJ	32	140	310 J
Acetonitrile	**8260B**	--	--	--	--	--	38 U	--
Acrolein	**8260B**	--	--	--	--	--	2.8 U	--
Acrylonitrile	**8260B**	--	--	--	--	--	1.4 U	--
Allylchloride	**8260B**	--	--	--	--	--	0.68 U	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.64 U	0.64 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	0.68 U	--
Bromoform	**8260B**	--	--	--	--	--	0.76 U	--
Bromomethane	**8260B**	--	--	--	--	--	0.84 U	--
CarbonDisulfide	**8260B**	--	--	--	--	--	1.8 U	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.76 U	0.76 U
Chlorobenzene	**8260B**	--	--	--	--	--	0.68 U	--
Chloroethane	**8260B**	--	--	--	--	--	1.6 U	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.64 U	0.64 U
Chloromethane	**8260B**	--	--	--	--	--	1.2 U	--
Chloroprene	**8260B**	--	--	--	--	--	0.84 U	--
cis-1,2-Dichloroethene	**8260B**	1.7	1.4 J	1.4 J	5.9 J	2.4	0.6 U	0.6 U
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	0.64 U	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	0.68 U	--
Dibromomethane	**8260B**	--	--	--	--	--	0.68 U	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	1.2 U	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	15 U	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	3.4 U	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.64 U	0.64 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	0.92 U	--
Isobutanol	**8260B**	--	--	--	--	--	150 U	--
Isopropanol	**8260B**	13 U	13 U	13 U	13 U	13 U	52 U	52 U
Methacrylonitrile	**8260B**	--	--	--	--	--	6.4 U	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	2 U	8 U	8 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	3.9 U	--
Methylmethacrylate	**8260B**	--	--	--	--	--	4.4 U	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	1.4 J	1.3 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 UJ	0.34 U	1.4 U	1.4 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.76 U	0.76 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	0.68 U	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.8 U	0.8 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.68 U	0.68 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.6 U	0.6 U
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	0.76 U	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	3.2 U	--
Trichloroethene	**8260B**	7.7	5.1 J	5.3 J	1.4 J	25	8.8	5.9 J
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	1.2 U	1.2 U
Vinylacetate	**8260B**	--	--	--	--	--	3.8 U	--
Vinylchloride	**8260B**	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.4 U	0.4 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		ES-29	FDP-835	FDP-890	HAR-01	HAR-01	HAR-01	HAR-02
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		ES-29_072211_01	FDP-835_011411_01	FDP-890_011411_01	HAR-01_020111_01	HAR-01_042011_01	HAR-01_080911_01	HAR-02_042211_01
Groundwater Unit:		Shallow	--	--	Chatsworth	Chatsworth	Chatsworth	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/22/2011	1/14/2011	1/14/2011	2/1/2011	4/20/2011	8/9/2011	4/22/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	8260B	--	--	--	--	0.21 U	--	0.21 U
1,1,1-Trichloroethane	8260B	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.32 UJ	2.5
1,1,2,2-Tetrachloroethane	8260B	--	--	--	--	0.21 U	--	0.21 U
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	5.4	0.42 UJ	0.42 U	0.42 U	0.42 U	0.84 UJ	0.42 U
1,1,2-Trichloroethane	8260B	0.27 U	0.27 UJ	0.27 U	0.27 U	0.27 U	0.54 UJ	0.27 U
1,1-Dichloroethane	8260B	0.22 U	0.22 UJ	0.22 U	0.22 U	0.22 U	0.44 UJ	0.22 U
1,1-Dichloroethene	8260B	0.25 J	0.23 UJ	0.39 J	0.23 U	0.23 U	0.46 UJ	0.23 J
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	--	--	--	--	0.0017 U	--	0.0017 U
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	--	--	0.0067 U	--	0.0066 U
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	--	--	0.0036 U	--	0.0036 U
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	--	--	0.15 U	--	0.15 U
1,2-Dichloroethane	8260B	0.13 U	0.13 UJ	0.13 U	0.13 U	0.13 U	0.26 UJ	0.13 U
1,2-Dichloropropane	8260B	--	--	--	--	0.18 U	--	0.18 U
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	--	--	0.13 U	--	0.13 U
1,4-Dichlorobenzene	8260B	--	--	--	--	0.16 U	--	0.16 U
1,4-Dioxane	8260B SIM	--	0.75 U	0.75 U	0.75 U	0.64 U	0.64 U	0.64 U
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	--	--	1.7 U	--	1.7 U
Acetone	8260B	1.9 U	1.9 UJ	1.9 U	1.9 U	1.9 U	3.8 UJ	3.5 J
Acetonitrile	8260B	--	--	--	--	9.6 U	--	9.6 U
Acrolein	8260B	--	--	--	--	2.8 U	--	2.8 U
Acrylonitrile	8260B	--	--	--	--	1.4 U	--	1.4 U
Allylchloride	8260B	--	--	--	--	0.17 U	--	0.17 U
Benzene	8260B	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.32 UJ	0.16 UJ
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	--	--	0.17 U	--	0.17 U
Bromoform	8260B	--	--	--	--	0.19 U	--	0.19 U
Bromomethane	8260B	--	--	--	--	0.21 U	--	0.21 U
CarbonDisulfide	8260B	--	--	--	--	0.45 U	--	0.45 U
CarbonTetrachloride	8260B	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.38 UJ	0.19 U
Chlorobenzene	8260B	--	--	--	--	0.17 U	--	0.17 U
Chloroethane	8260B	--	--	--	--	0.41 U	--	0.41 U
Chloroform	8260B	0.16 U	0.16 UJ	0.16 U	0.23 J	0.16 U	0.32 UJ	0.23 J
Chloromethane	8260B	--	--	--	--	0.3 U	--	0.3 U
Chloroprene	8260B	--	--	--	--	0.21 U	--	0.21 U
cis-1,2-Dichloroethene	8260B	0.15 U	0.15 UJ	210 J	2.6	3.6 J	4.3 J	3.5
cis-1,3-Dichloropropene	8260B	--	--	--	--	0.16 U	--	0.16 U
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	--	--	0.17 U	--	0.17 U
Dibromomethane	8260B	--	--	--	--	0.17 U	--	0.17 U
Dichlorodifluoromethane	8260B	--	--	--	--	0.31 U	--	0.31 UJ
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	--	--	3.7 U	--	3.7 U
Ethylmethacrylate	8260B	--	--	--	--	0.86 U	--	0.86 U
Ethylbenzene	8260B	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.32 UJ	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	--	--	0.23 U	--	0.23 U
Isobutanol	8260B	--	--	--	--	36 U	--	36 U
Isopropanol	8260B	--	--	--	13 U	13 U	26 UJ	13 U
Methacrylonitrile	8260B	--	--	--	--	1.6 U	--	1.6 U
Methylethylketone	8260B	2 U	2 UJ	2 U	2 U	2 U	4 UJ	2 U
Methylisobutylketone(MIBK)	8260B	--	--	--	--	0.98 U	--	0.98 U
Methylmethacrylate	8260B	--	--	--	--	1.1 U	--	1.1 U
Methyltert-butylether	8260B	--	--	--	--	--	--	--
Methylenechloride	8260B	0.32 U	0.32 UJ	0.32 U	0.32 U	0.32 U	0.64 UJ	5 U
m-Xylene&p-Xylene	8260B	0.34 U	0.34 UJ	0.34 U	0.34 U	0.34 U	0.68 UJ	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.38 UJ	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	--	--	--	0.17 U	--	0.17 U
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.2 U	0.2 UJ	0.2 U	0.2 U	0.43 J	0.4 UJ	0.35 J
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.17 U	0.17 UJ	0.17 U	0.17 U	0.17 U	0.34 UJ	0.17 U
trans-1,2-Dichloroethene	8260B	0.15 U	0.15 UJ	8	0.15 U	0.15 U	0.3 UJ	0.15 U
trans-1,3-Dichloropropene	8260B	--	--	--	--	0.19 U	--	0.19 U
trans-1,4-Dichloro-2-butene	8260B	--	--	--	--	0.8 U	--	0.8 U
Trichloroethene	8260B	3.8	0.16 UJ	30	210	250	470	340
Trichlorofluoromethane	8260B	0.29 U	0.29 UJ	0.29 U	0.29 U	0.29 U	0.58 UJ	0.29 UJ
Vinylacetate	8260B	--	--	--	--	0.94 U	--	0.94 U
Vinylchloride	8260B	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.2 UJ	0.1 U
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-03	HAR-03	HAR-03	HAR-04	HAR-04	HAR-04	HAR-04
SampleType:		Primary	Primary	Primary	Primary	Primary	Split	Primary
Sample Name:		HAR-03_012511_01	HAR-03_042011_01	HAR-03_080811_01	HAR-04_012511_01	HAR-04_042011_01	HAR-04_042011_03	HAR-04_080511_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver
Collection Date:		1/25/2011	4/20/2011	8/8/2011	1/25/2011	4/20/2011	4/20/2011	8/5/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	8260B	--	0.21 U	--	--	0.21 U	0.27 U	--
1,1,1-Trichloroethane	8260B	0.7 J	0.16 U	2	1.2 J	0.54 J	0.53 J	2.1 J
1,1,2,2-Tetrachloroethane	8260B	--	0.21 U	--	--	0.21 U	0.3 U	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.5 U	0.84 UJ
1,1,2-Trichloroethane	8260B	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.3 U	0.54 UJ
1,1-Dichloroethane	8260B	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.4 U	0.44 UJ
1,1-Dichloroethene	8260B	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.42 U	0.46 UJ
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	--	0.0017 U	0.0017 U	--	0.0017 U	--	0.0017 U
1,2,3-Trichloropropane	524M	--	--	--	--	--	0.00081 U	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	0.0066 U	--	--	0.0066 U	0.003 U	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	0.0036 U	--	--	0.0036 U	0.003 U	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	0.15 U	--	--	0.15 U	0.32 U	--
1,2-Dichloroethane	8260B	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.28 U	0.26 UJ
1,2-Dichloropropane	8260B	--	0.18 U	--	--	0.18 U	0.35 U	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	0.13 U	--	--	0.13 U	0.35 U	--
1,4-Dichlorobenzene	8260B	--	0.16 U	--	--	0.16 U	0.37 U	--
1,4-Dioxane	8260B SIM	0.75 U	0.64 U	0.64 U	0.75 U	0.64 U	1 U	0.64 U
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	1.7 U	--	--	1.7 U	2.6 U	--
Acetone	8260B	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	4.5 U	3.8 UJ
Acetonitrile	8260B	--	9.6 U	--	--	9.6 U	9 U	--
Acrolein	8260B	--	2.8 U	--	--	2.8 U	4 U	--
Acrylonitrile	8260B	--	1.4 U	--	--	1.4 U	1.2 U	--
Allylchloride	8260B	--	0.17 U	--	--	0.17 U	0.7 U	--
Benzene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.28 U	0.32 UJ
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	0.17 U	--	--	0.17 U	0.3 U	--
Bromoform	8260B	--	0.19 U	--	--	0.19 U	0.4 U	--
Bromomethane	8260B	--	0.21 U	--	--	0.21 U	0.42 U	--
CarbonDisulfide	8260B	--	0.45 U	--	--	0.45 U	0.48 U	--
CarbonTetrachloride	8260B	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.28 U	0.38 UJ
Chlorobenzene	8260B	--	0.17 U	--	--	0.17 U	0.36 U	--
Chloroethane	8260B	--	0.41 U	--	--	0.41 U	0.4 U	--
Chloroform	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.33 U	0.32 UJ
Chloromethane	8260B	--	0.3 U	--	--	0.3 U	0.4 U	--
Chloroprene	8260B	--	0.21 U	--	--	0.21 U	0.6 U	--
cis-1,2-Dichloroethene	8260B	20	0.94 J	8.7	21	7.6	8.6	29 J
cis-1,3-Dichloropropene	8260B	--	0.16 U	--	--	0.16 U	0.22 U	--
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	0.17 U	--	--	0.17 U	0.4 U	--
Dibromomethane	8260B	--	0.17 U	--	--	0.17 U	0.36 U	--
Dichlorodifluoromethane	8260B	--	0.31 U	--	--	0.31 U	0.26 U	--
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	3.7 U	--	--	3.7 U	7 U	--
Ethylmethacrylate	8260B	--	0.86 U	--	--	0.86 U	0.9 U	--
Ethylbenzene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.25 U	0.32 UJ
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	0.23 U	--	--	0.23 U	1 U	--
Isobutanol	8260B	--	36 U	--	--	36 U	7 U	--
Isopropanol	8260B	13 U	13 U	13 U	13 U	13 U	50 U	26 UJ
Methacrylonitrile	8260B	--	1.6 U	--	--	1.6 U	0.9 U	--
Methylethylketone	8260B	2 U	2 U	2 U	2 U	2 U	4.7 U	4 UJ
Methylisobutylketone(MIBK)	8260B	--	0.98 U	--	--	0.98 U	3.5 U	--
Methylmethacrylate	8260B	--	1.1 U	--	--	1.1 U	0.9 U	--
Methyltert-butylether	8260B	--	--	--	--	--	--	--
Methylenechloride	8260B	0.32 U	0.32 U	0.32 U	0.32 R	0.32 U	0.95 U	10 UJ
m-Xylene&p-Xylene	8260B	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.6 U	0.68 UJ
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.3 U	0.38 UJ
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	0.17 U	--	--	0.17 U	0.2 U	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.32 U	0.4 UJ
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.36 U	0.34 UJ
trans-1,2-Dichloroethene	8260B	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.3 U	0.3 UJ
trans-1,3-Dichloropropene	8260B	--	0.19 U	--	--	0.19 U	0.32 U	--
trans-1,4-Dichloro-2-butene	8260B	--	0.8 U	--	--	0.8 U	2.5 U	--
Trichloroethene	8260B	320	55 J	450	310	100	140	600 J
Trichlorofluoromethane	8260B	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.34 U	0.58 UJ
Vinylacetate	8260B	--	0.94 U	--	--	0.94 U	1 U	--
Vinylchloride	8260B	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.4 U	0.2 UJ
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-04	HAR-05	HAR-05	HAR-05	HAR-07	HAR-07	HAR-07
SampleType:		Field Duplicate	Primary	Primary	Primary	Primary	Primary	Field Duplicate
Sample Name:		HAR-04_080511_36	HAR-05_012411_01	HAR-05_041311_01	HAR-05_072511_01	HAR-07_012711_01	HAR-07_041211_01	HAR-07_041211_36
Groundwater Unit:		Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/5/2011	1/24/2011	4/13/2011	7/25/2011	1/27/2011	4/12/2011	4/12/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	8260B	--	--	--	--	--	0.42 U	1.7 U
1,1,1-Trichloroethane	8260B	2.4 J	0.16 U	0.16 U	0.16 UJ	1.1 U	0.32 U	1.3 U
1,1,2,2-Tetrachloroethane	8260B	--	--	--	--	--	0.42 U	1.7 U
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.84 UJ	0.42 U	0.42 U	0.42 UJ	2.8 U	0.84 U	3.4 U
1,1,2-Trichloroethane	8260B	0.54 UJ	0.27 U	0.27 U	0.27 UJ	1.8 U	0.54 U	2.2 U
1,1-Dichloroethane	8260B	0.44 UJ	0.22 U	0.22 U	0.22 UJ	1.5 U	0.44 U	1.8 U
1,1-Dichloroethene	8260B	0.46 UJ	0.23 U	0.23 U	0.23 UJ	4.1 J	2.7	2.7 J
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	--	--	--	--	--	0.0017 U	0.0017 U
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	--	--	--	0.0066 U	0.0067 U
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	--	--	--	0.0036 U	0.0036 U
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	--	--	--	0.3 U	1.2 U
1,2-Dichloroethane	8260B	0.26 UJ	0.13 U	0.13 U	0.13 UJ	0.87 U	0.26 U	1 U
1,2-Dichloropropane	8260B	--	--	--	--	--	0.36 U	1.4 U
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	--	--	--	0.26 U	1 U
1,4-Dichlorobenzene	8260B	--	--	--	--	--	0.32 U	1.3 U
1,4-Dioxane	8260B SIM	0.64 U	0.75 UJ	0.64 U	0.64 U	0.75 U	0.64 U	0.64 U
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	--	--	--	3.4 U	14 U
Acetone	8260B	3.8 UJ	1.9 U	1.9 U	1.9 UJ	13 U	3.8 U	15 U
Acetonitrile	8260B	--	--	--	--	--	19 U	76 U
Acrolein	8260B	--	--	--	--	--	2.8 U	2.8 U
Acrylonitrile	8260B	--	--	--	--	--	1.4 U	1.4 U
Allylchloride	8260B	--	--	--	--	--	0.34 U	1.4 U
Benzene	8260B	0.32 UJ	0.16 U	0.16 U	0.16 UJ	1.1 U	0.32 U	1.3 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	--	--	--	0.34 U	1.4 U
Bromoform	8260B	--	--	--	--	--	0.38 U	1.5 U
Bromomethane	8260B	--	--	--	--	--	0.42 U	1.7 U
CarbonDisulfide	8260B	--	--	--	--	--	0.9 U	3.6 U
CarbonTetrachloride	8260B	0.38 UJ	0.19 U	0.19 U	0.19 UJ	1.3 U	0.38 U	1.5 U
Chlorobenzene	8260B	--	--	--	--	--	0.34 U	1.4 U
Chloroethane	8260B	--	--	--	--	--	0.82 U	3.3 U
Chloroform	8260B	0.32 UJ	0.16 U	0.16 U	0.16 UJ	1.1 U	0.32 U	1.3 U
Chloromethane	8260B	--	--	--	--	--	0.6 U	2.4 U
Chloroprene	8260B	--	--	--	--	--	0.42 U	1.7 U
cis-1,2-Dichloroethene	8260B	34 J	0.15 U	0.15 U	0.15 UJ	1100	740	840
cis-1,3-Dichloropropene	8260B	--	--	--	--	--	0.32 U	1.3 U
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	--	--	--	0.34 U	1.4 U
Dibromomethane	8260B	--	--	--	--	--	0.34 U	1.4 U
Dichlorodifluoromethane	8260B	--	--	--	--	--	0.62 U	2.5 U
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	--	--	--	7.4 U	30 U
Ethylmethacrylate	8260B	--	--	--	--	--	1.7 U	6.9 U
Ethylbenzene	8260B	0.32 UJ	0.16 U	0.16 U	0.16 UJ	1.1 U	0.32 U	1.3 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	--	--	--	0.46 U	1.8 U
Isobutanol	8260B	--	--	--	--	--	73 U	290 U
Isopropanol	8260B	26 UJ	13 U	13 U	13 UJ	--	26 U	100 U
Methacrylonitrile	8260B	--	--	--	--	--	3.2 U	13 U
Methylethylketone	8260B	4 UJ	2 U	2 U	2 UJ	13 U	4 U	16 U
Methylisobutylketone(MIBK)	8260B	--	--	--	--	--	2 U	7.8 U
Methylmethacrylate	8260B	--	--	--	--	--	2.2 U	8.9 U
Methyltert-butylether	8260B	--	--	--	--	--	--	--
Methylenechloride	8260B	10 UJ	0.32 U	0.32 U	0.32 UJ	2.2 J	0.64 U	2.6 U
m-Xylene&p-Xylene	8260B	0.68 UJ	0.34 U	0.34 U	0.34 UJ	2.3 U	0.68 U	2.7 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.38 UJ	0.19 U	0.19 U	0.19 UJ	1.3 U	0.38 U	1.5 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	--	--	--	--	0.34 U	1.4 U
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.4 UJ	0.2 U	0.2 U	0.2 UJ	1.3 U	0.4 U	1.6 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.34 UJ	0.17 U	0.17 U	0.17 UJ	1.1 U	0.34 U	1.4 U
trans-1,2-Dichloroethene	8260B	0.3 UJ	0.15 U	0.15 U	0.15 UJ	54	42	45
trans-1,3-Dichloropropene	8260B	--	--	--	--	--	0.38 U	1.5 U
trans-1,4-Dichloro-2-butene	8260B	--	--	--	--	--	1.6 U	6.4 U
Trichloroethene	8260B	690	0.67 J	0.62 J	0.66 J	3100	2300	2600
Trichlorofluoromethane	8260B	0.58 UJ	0.29 U	0.29 U	0.29 UJ	1.9 U	0.58 U	2.3 U
Vinylacetate	8260B	--	--	--	--	--	1.9 U	7.5 U
Vinylchloride	8260B	0.2 UJ	0.1 U	0.1 U	0.1 UJ	4.1 J	17	17
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-07	HAR-08	HAR-08	HAR-08	HAR-09	HAR-09	HAR-09
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-07_080211_01	HAR-08_011711_01	HAR-08_041911_01	HAR-08_080211_01	HAR-09_012611_01	HAR-09_041411_01	HAR-09_080411_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/2/2011	1/17/2011	4/19/2011	8/2/2011	1/26/2011	4/14/2011	8/4/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	8260B	--	--	0.21 U	--	--	0.21 U	--
1,1,1-Trichloroethane	8260B	0.32 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	8260B	--	--	0.21 U	--	--	0.21 U	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.84 U	0.42 U	--	0.42 UJ	0.42 U	--	0.42 U
1,1,2-Trichloroethane	8260B	0.54 U	0.27 U	0.27 U	0.27 UJ	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	8260B	0.44 U	0.22 U	0.22 U	0.22 UJ	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	8260B	5.2	0.23 U	0.23 U	0.23 UJ	0.23 U	0.23 U	0.23 U
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	--	--	0.0017 U	--	--	0.0017 U	--
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	0.0066 U	--	--	0.0066 U	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	0.0036 U	--	--	0.0036 U	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	0.15 U	--	--	0.15 U	--
1,2-Dichloroethane	8260B	0.26 U	0.13 U	0.13 U	0.13 UJ	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	8260B	--	--	0.18 U	--	--	0.18 U	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	0.13 U	--	--	0.13 U	--
1,4-Dichlorobenzene	8260B	--	--	0.16 U	--	--	0.16 U	--
1,4-Dioxane	8260B SIM	0.64 U	0.82 J	0.72 J	1.1 J	0.75 U	0.64 U	1.3 J
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	1.7 U	--	--	1.7 U	--
Acetone	8260B	3.8 U	1.9 U	9.7 J	10 UJ	1.9 U	1.9 U	1.9 U
Acetonitrile	8260B	--	--	9.6 U	--	--	9.6 U	--
Acrolein	8260B	--	--	2.8 U	--	--	2.8 U	--
Acrylonitrile	8260B	--	--	1.4 U	--	--	1.4 U	--
Allylchloride	8260B	--	--	0.17 U	--	--	0.17 U	--
Benzene	8260B	0.32 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	0.17 U	--	--	0.17 U	--
Bromoform	8260B	--	--	0.19 U	--	--	0.19 U	--
Bromomethane	8260B	--	--	0.21 U	--	--	0.21 U	--
CarbonDisulfide	8260B	--	--	0.45 U	--	--	0.45 U	--
CarbonTetrachloride	8260B	0.38 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U
Chlorobenzene	8260B	--	--	0.17 U	--	--	0.17 U	--
Chloroethane	8260B	--	--	0.41 U	--	--	0.41 U	--
Chloroform	8260B	0.32 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U
Chloromethane	8260B	--	--	0.3 U	--	--	0.3 U	--
Chloroprene	8260B	--	--	0.21 U	--	--	0.21 U	--
cis-1,2-Dichloroethene	8260B	1000 J	15 J	11 J	19 J	23	11	45
cis-1,3-Dichloropropene	8260B	--	--	0.16 U	--	--	0.16 U	--
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	0.17 U	--	--	0.17 U	--
Dibromomethane	8260B	--	--	0.17 U	--	--	0.17 U	--
Dichlorodifluoromethane	8260B	--	--	0.31 U	--	--	0.31 U	--
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	3.7 U	--	--	3.7 U	--
Ethylmethacrylate	8260B	--	--	0.86 U	--	--	0.86 U	--
Ethylbenzene	8260B	0.32 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	0.23 U	--	--	0.23 U	--
Isobutanol	8260B	--	--	36 U	--	--	36 U	--
Isopropanol	8260B	26 U	--	--	--	--	--	--
Methacrylonitrile	8260B	--	--	1.6 U	--	--	1.6 U	--
Methylethylketone	8260B	4 U	2 U	2 U	2 UJ	2 U	2 U	2 U
Methylisobutylketone(MIBK)	8260B	--	--	0.98 U	--	--	0.98 U	--
Methylmethacrylate	8260B	--	--	1.1 U	--	--	1.1 U	--
Methyltert-butylether	8260B	--	--	--	--	--	--	--
Methylenechloride	8260B	0.64 U	0.32 U	0.32 U	5 UJ	0.32 U	0.32 U	5 U
m-Xylene&p-Xylene	8260B	0.68 U	0.34 U	0.34 U	0.34 UJ	0.34 U	0.34 U	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.38 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	--	0.17 U	--	--	0.17 U	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	1.3 J	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.34 U	0.17 U	0.17 U	0.17 UJ	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	8260B	45	1.2 J	0.8 J	1.9 J	2	0.8 J	2.1
trans-1,3-Dichloropropene	8260B	--	--	0.19 U	--	--	0.19 U	--
trans-1,4-Dichloro-2-butene	8260B	--	--	0.8 U	--	--	0.8 UJ	--
Trichloroethene	8260B	7600	1.2 J	0.72 J	1.4 J	0.52 J	0.16 U	0.16 U
Trichlorofluoromethane	8260B	0.58 U	0.29 U	0.29 U	0.29 UJ	0.29 U	0.29 U	0.29 U
Vinylacetate	8260B	--	--	0.94 U	--	--	0.94 U	--
Vinylchloride	8260B	4.1	6.2 J	3.6 J	7.4 J	16	4.2	27
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-11	HAR-11	HAR-11	HAR-12	HAR-12	HAR-12	HAR-13
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-11_012011_01	HAR-11_041411_01	HAR-11_072711_01	HAR-12_011811_01	HAR-12_041511_01	HAR-12_072911_01	HAR-13_011811_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/20/2011	4/14/2011	7/27/2011	1/18/2011	4/15/2011	7/29/2011	1/18/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	8260B	--	0.21 U	--	--	0.21 U	--	--
1,1,1-Trichloroethane	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	8260B	--	0.21 U	--	--	0.21 U	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.42 U	--	0.42 U	2.1 J	0.48 J	0.5 J	1.7 J
1,1,2-Trichloroethane	8260B	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	8260B	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	8260B	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	--	0.0017 U	--	--	0.0017 U	--	--
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	0.0066 U	--	--	0.0066 U	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	0.0036 U	--	--	0.0036 U	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	0.15 U	--	--	0.15 U	--	--
1,2-Dichloroethane	8260B	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	8260B	--	0.18 U	--	--	0.18 U	--	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	0.13 U	--	--	0.13 U	--	--
1,4-Dichlorobenzene	8260B	--	0.16 U	--	--	0.16 U	--	--
1,4-Dioxane	8260B SIM	1.1 J	0.64 U	0.64 U	0.75 U	0.64 U	0.64 U	0.75 U
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	1.7 U	--	--	1.7 U	--	--
Acetone	8260B	1.9 U	1.9 U	10 U	1.9 U	1.9 U	10 UJ	1.9 U
Acetonitrile	8260B	--	9.6 U	--	--	9.6 U	--	--
Acrolein	8260B	--	2.8 U	--	--	2.8 U	--	--
Acrylonitrile	8260B	--	1.4 U	--	--	1.4 U	--	--
Allylchloride	8260B	--	0.17 U	--	--	0.17 U	--	--
Benzene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	0.17 U	--	--	0.17 U	--	--
Bromoform	8260B	--	0.19 U	--	--	0.19 U	--	--
Bromomethane	8260B	--	0.21 U	--	--	0.21 U	--	--
CarbonDisulfide	8260B	--	0.45 U	--	--	0.45 U	--	--
CarbonTetrachloride	8260B	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.29 J
Chlorobenzene	8260B	--	0.17 U	--	--	0.17 U	--	--
Chloroethane	8260B	--	0.41 U	--	--	0.41 U	--	--
Chloroform	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.66 J
Chloromethane	8260B	--	0.3 U	--	--	0.3 U	--	--
Chloroprene	8260B	--	0.21 U	--	--	0.21 U	--	--
cis-1,2-Dichloroethene	8260B	3.8	1.1	4.8	0.15 U	0.15 U	0.15 U	0.15 U
cis-1,3-Dichloropropene	8260B	--	0.16 U	--	--	0.16 U	--	--
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	0.17 U	--	--	0.17 U	--	--
Dibromomethane	8260B	--	0.17 U	--	--	0.17 U	--	--
Dichlorodifluoromethane	8260B	--	0.31 U	--	--	0.31 U	--	--
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	3.7 U	--	--	3.7 U	--	--
Ethylmethacrylate	8260B	--	0.86 U	--	--	0.86 U	--	--
Ethylbenzene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	0.23 U	--	--	0.23 U	--	--
Isobutanol	8260B	--	36 U	--	--	36 U	--	--
Isopropanol	8260B	--	--	--	13 U	13 U	13 U	13 U
Methacrylonitrile	8260B	--	1.6 U	--	--	1.6 U	--	--
Methylethylketone	8260B	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	8260B	--	0.98 U	--	--	0.98 U	--	--
Methylmethacrylate	8260B	--	1.1 U	--	--	1.1 U	--	--
Methyltert-butylether	8260B	--	--	--	--	--	--	--
Methylenechloride	8260B	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
m-Xylene&p-Xylene	8260B	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	0.17 U	--	--	0.17 U	--	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	8260B	0.25 J	0.15 U	0.32 J	0.15 U	0.15 U	0.15 U	0.15 U
trans-1,3-Dichloropropene	8260B	--	0.19 U	--	--	0.19 U	--	--
trans-1,4-Dichloro-2-butene	8260B	--	0.8 U	--	--	0.8 U	--	--
Trichloroethene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.19 J
Trichlorofluoromethane	8260B	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	8260B	--	0.94 U	--	--	0.94 U	--	--
Vinylchloride	8260B	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-13	HAR-14	HAR-14	HAR-14	HAR-15	HAR-15	HAR-15
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-13_041911_01	HAR-14_011811_01	HAR-14_041511_01	HAR-14_072911_01	HAR-15_012111_01	HAR-15_041411_01	HAR-15_072011_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/19/2011	1/18/2011	4/15/2011	7/29/2011	1/21/2011	4/14/2011	7/20/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	0.21 U	--	--	0.21 UJ	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.23 J	0.41 J	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	0.21 U	--	--	0.21 UJ	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	3.3 J	57	17	23 J	0.42 U	0.42 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	1.2	3.5	5.7 J	0.23 U	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	--	0.0017 U	--	--	0.0017 U	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	0.0065 U	--	--	0.0066 U	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	0.0036 U	--	--	0.0036 U	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	0.15 U	--	--	0.15 U	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	0.18 U	--	--	0.18 U	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	0.13 U	--	--	0.13 U	--
1,4-Dichlorobenzene	**8260B**	--	--	0.16 U	--	--	0.16 UJ	--
1,4-Dioxane	**8260B SIM**	0.64 U	10	35	39 J	0.75 U	0.64 U	0.64 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	1.7 U	--	--	1.7 U	--
Acetone	**8260B**	1.9 U	1.9 U	1.9 U	11 UJ	1.9 U	2 J	1.9 U
Acetonitrile	**8260B**	--	--	9.6 U	--	--	9.6 U	--
Acrolein	**8260B**	--	--	2.8 U	--	--	2.8 U	--
Acrylonitrile	**8260B**	--	--	1.4 U	--	--	1.4 U	--
Allylchloride	**8260B**	--	--	0.17 U	--	--	0.17 U	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	0.17 U	--	--	0.17 U	--
Bromoform	**8260B**	--	--	0.19 U	--	--	0.19 U	--
Bromomethane	**8260B**	--	--	0.21 U	--	--	0.21 U	--
CarbonDisulfide	**8260B**	--	--	0.45 U	--	--	0.45 U	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.4 J	0.61 J	0.19 U	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	0.17 U	--	--	0.17 U	--
Chloroethane	**8260B**	--	--	0.41 U	--	--	0.41 U	--
Chloroform	**8260B**	0.16 U	0.26 J	0.88 J	1.4 J	0.16 U	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	0.3 U	--	--	0.3 U	--
Chloroprene	**8260B**	--	--	0.21 U	--	--	0.21 U	--
cis-1,2-Dichloroethene	**8260B**	0.15 U	0.15 J	0.15 U	0.15 U	0.72 J	0.82 J	0.15 U
cis-1,3-Dichloropropene	**8260B**	--	--	0.16 U	--	--	0.16 UJ	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	0.17 U	--	--	0.17 UJ	--
Dibromomethane	**8260B**	--	--	0.17 U	--	--	0.17 U	--
Dichlorodifluoromethane	**8260B**	--	--	0.31 U	--	--	0.31 U	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	3.7 U	--	--	3.7 U	--
Ethylmethacrylate	**8260B**	--	--	0.86 U	--	--	0.86 U	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	0.23 U	--	--	0.23 U	--
Isobutanol	**8260B**	--	--	36 U	--	--	36 U	--
Isopropanol	**8260B**	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Methacrylonitrile	**8260B**	--	--	1.6 U	--	--	1.6 U	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	0.98 U	--	--	0.98 U	--
Methylmethacrylate	**8260B**	--	--	1.1 U	--	--	1.1 U	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	0.17 U	--	--	0.17 U	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	--	0.19 U	--	--	0.19 U	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	0.8 U	--	--	0.8 U	--
Trichloroethene	**8260B**	0.16 U	6.8	3.4	4.1 J	2.1	1.6	0.22 J
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	0.94 U	--	--	0.94 U	--
Vinylchloride	**8260B**	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-16	HAR-16	HAR-16	HAR-16	HAR-16	HAR-19	HAR-19
SampleType:		Primary	Field Duplicate	Primary	Field Duplicate	Primary	Primary	Field Duplicate
Sample Name:		HAR-16_012511_01	HAR-16_012511_36	HAR-16_042011_01	HAR-16_042011_36	HAR-16_080511_01	HAR-19_012011_01	HAR-19_012011_36
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/25/2011	1/25/2011	4/20/2011	4/20/2011	8/5/2011	1/20/2011	1/20/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	8260B	--	--	1 U	1 UJ	--	--	--
1,1,1-Trichloroethane	8260B	1.6 U	1.6 U	0.8 U	0.8 UJ	1.6 UJ	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	8260B	--	--	1 U	1 UJ	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	4.2 U	4.2 U	2.1 U	2.1 UJ	4.2 UJ	0.42 U	0.42 U
1,1,2-Trichloroethane	8260B	2.7 U	2.7 U	1.4 U	1.4 UJ	2.7 UJ	0.27 U	0.27 U
1,1-Dichloroethane	8260B	2.2 U	2.2 U	1.1 U	1.1 UJ	2.2 UJ	0.22 U	0.22 U
1,1-Dichloroethene	8260B	7.2 J	7.1 J	2.2 J	2.2 J	4.8 J	0.39 J	0.37 J
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	--	--	0.0017 U	0.0017 U	0.0017 U	--	--
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	0.0066 U	0.0066 U	--	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	0.0036 U	0.0036 U	--	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	0.75 U	0.75 UJ	--	--	--
1,2-Dichloroethane	8260B	1.3 U	1.3 U	0.65 U	0.65 UJ	1.3 UJ	0.13 U	0.13 U
1,2-Dichloropropane	8260B	--	--	0.9 U	0.9 UJ	--	--	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	0.65 U	0.65 UJ	--	--	--
1,4-Dichlorobenzene	8260B	--	--	0.8 U	0.8 UJ	--	--	--
1,4-Dioxane	8260B SIM	5	5.1	1.8 J	1.7 J	3.5	0.75 U	0.75 U
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	8.5 U	8.5 UJ	--	--	--
Acetone	8260B	19 U	19 U	9.5 U	9.5 UJ	19 UJ	1.9 U	1.9 U
Acetonitrile	8260B	--	--	48 U	48 UJ	--	--	--
Acrolein	8260B	--	--	2.8 U	2.8 U	--	--	--
Acrylonitrile	8260B	--	--	1.4 U	1.4 U	--	--	--
Allylchloride	8260B	--	--	0.85 U	0.85 UJ	--	--	--
Benzene	8260B	1.6 U	1.6 U	0.8 U	0.8 UJ	1.6 UJ	0.16 U	0.16 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	0.85 U	0.85 UJ	--	--	--
Bromoform	8260B	--	--	0.95 U	0.95 UJ	--	--	--
Bromomethane	8260B	--	--	1 U	1 UJ	--	--	--
CarbonDisulfide	8260B	--	--	2.2 U	2.2 UJ	--	--	--
CarbonTetrachloride	8260B	1.9 U	1.9 U	0.95 U	0.95 UJ	1.9 UJ	0.19 U	0.19 U
Chlorobenzene	8260B	--	--	0.85 U	0.85 UJ	--	--	--
Chloroethane	8260B	--	--	2 U	2 UJ	--	--	--
Chloroform	8260B	1.6 U	1.6 U	0.8 U	0.8 UJ	1.6 UJ	0.16 U	0.16 U
Chloromethane	8260B	--	--	1.5 U	1.5 UJ	--	--	--
Chloroprene	8260B	--	--	1 U	1 UJ	--	--	--
cis-1,2-Dichloroethene	8260B	42	42	16 J	16 J	27 J	130	130 J
cis-1,3-Dichloropropene	8260B	--	--	0.8 U	0.8 UJ	--	--	--
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	0.85 U	0.85 UJ	--	--	--
Dibromomethane	8260B	--	--	0.85 U	0.85 UJ	--	--	--
Dichlorodifluoromethane	8260B	--	--	1.6 U	1.6 UJ	--	--	--
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	18 U	18 UJ	--	--	--
Ethylmethacrylate	8260B	--	--	4.3 U	4.3 UJ	--	--	--
Ethylbenzene	8260B	1.6 U	1.6 U	0.8 U	0.8 UJ	1.6 UJ	0.16 U	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	1.2 U	1.2 UJ	--	--	--
Isobutanol	8260B	--	--	180 U	180 UJ	--	--	--
Isopropanol	8260B	130 U	130 U	65 U	65 UJ	130 UJ	--	--
Methacrylonitrile	8260B	--	--	8 U	8 UJ	--	--	--
Methylethylketone	8260B	20 U	20 U	10 U	10 UJ	20 UJ	2 U	2 U
Methylisobutylketone(MIBK)	8260B	--	--	4.9 U	4.9 UJ	--	--	--
Methylmethacrylate	8260B	--	--	5.6 U	5.6 UJ	--	--	--
Methyltert-butylether	8260B	--	--	--	--	--	--	--
Methylenechloride	8260B	50 U	50 U	1.6 U	1.6 UJ	50 UJ	0.32 U	0.32 U
m-Xylene&p-Xylene	8260B	3.4 U	3.4 U	1.7 U	1.7 UJ	3.4 UJ	0.34 U	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	1.9 U	1.9 U	0.95 U	0.95 UJ	1.9 UJ	0.19 U	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	--	0.85 U	0.85 UJ	--	--	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	2 U	2 U	1 U	1 UJ	2 UJ	0.2 U	0.2 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	1.7 U	1.7 U	0.85 U	0.85 UJ	1.7 UJ	0.17 U	0.17 U
trans-1,2-Dichloroethene	8260B	1.5 U	1.5 U	0.75 U	0.75 UJ	1.5 UJ	120	130 J
trans-1,3-Dichloropropene	8260B	--	--	0.95 U	0.95 UJ	--	--	--
trans-1,4-Dichloro-2-butene	8260B	--	--	4 U	4 UJ	--	--	--
Trichloroethene	8260B	3000	2700	1600	1900 J	2100 J	63	60 J
Trichlorofluoromethane	8260B	5.6 J	5.3 J	1.4 U	1.4 UJ	2.9 UJ	0.29 U	0.29 U
Vinylacetate	8260B	--	--	4.7 U	4.7 UJ	--	--	--
Vinylchloride	8260B	1 U	1 U	0.5 U	0.5 UJ	1 UJ	10	13 J
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-19	HAR-19	HAR-19	HAR-20	HAR-20	HAR-20	HAR-20
SampleType:		Primary	Primary	Field Duplicate	Primary	Primary	Primary	Split
Sample Name:		HAR-19_041511_01	HAR-19_071211_01	HAR-19_071211_36	HAR-20_012011_01	HAR-20_041411_01	HAR-20_072711_01	HAR-20_072711_03
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine
Collection Date:		4/15/2011	7/12/2011	7/12/2011	1/20/2011	4/14/2011	7/27/2011	7/27/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	8260B	0.21 U	--	--	--	0.21 U	0.21 U	0.27 UJ
1,1,1-Trichloroethane	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.3 UJ
1,1,2,2-Tetrachloroethane	8260B	0.21 U	--	--	--	0.21 U	0.21 U	0.3 UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	--	0.42 U	0.42 U	0.42 U	--	--	--
1,1,2-Trichloroethane	8260B	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.3 UJ
1,1-Dichloroethane	8260B	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.4 UJ
1,1-Dichloroethene	8260B	0.54 J	0.77 J	0.86 J	0.23 U	0.23 U	0.23 U	0.42 UJ
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	0.0017 U	--	--	--	0.0017 U	--	--
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	0.0066 U	--	--	--	0.0066 U	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	0.0036 U	--	--	--	0.0036 U	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	0.15 U	--	--	--	0.15 U	0.15 U	0.32 UJ
1,2-Dichloroethane	8260B	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.28 UJ
1,2-Dichloropropane	8260B	0.18 U	--	--	--	0.18 U	0.18 U	0.35 UJ
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	0.13 U	--	--	--	0.13 U	0.13 U	0.35 UJ
1,4-Dichlorobenzene	8260B	0.16 U	--	--	--	0.16 U	0.16 U	0.37 UJ
1,4-Dioxane	8260B SIM	0.64 U	0.71 J	0.74 J	4.5	3.6	3.6	--
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	1.7 U	--	--	--	1.7 U	1.7 U	2.6 UJ
Acetone	8260B	1.9 U	2.1 J	3 J	1.9 U	1.9 UJ	10 U	4.5 UJ
Acetonitrile	8260B	9.6 U	--	--	--	9.6 U	9.6 UJ	9 UJ
Acrolein	8260B	2.8 U	--	--	--	2.8 U	--	--
Acrylonitrile	8260B	1.4 U	--	--	--	1.4 UJ	--	--
Allylchloride	8260B	0.17 U	--	--	--	0.17 U	0.17 U	0.7 UJ
Benzene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.28 UJ
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	0.17 U	--	--	--	0.17 U	0.17 U	0.3 UJ
Bromoform	8260B	0.19 U	--	--	--	0.19 U	0.19 U	0.4 UJ
Bromomethane	8260B	0.21 U	--	--	--	0.21 U	0.21 U	0.42 UJ
CarbonDisulfide	8260B	0.45 U	--	--	--	0.45 U	0.45 U	0.48 UJ
CarbonTetrachloride	8260B	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.28 UJ
Chlorobenzene	8260B	0.17 U	--	--	--	0.17 U	0.17 U	0.36 UJ
Chloroethane	8260B	0.41 U	--	--	--	0.41 U	0.41 U	0.4 UJ
Chloroform	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.33 UJ
Chloromethane	8260B	0.3 U	--	--	--	0.3 U	0.3 U	0.4 UJ
Chloroprene	8260B	0.21 U	--	--	--	0.21 U	0.21 U	0.6 UJ
cis-1,2-Dichloroethene	8260B	200 J	320 J	270	27 J	15	21	20 J
cis-1,3-Dichloropropene	8260B	0.16 U	--	--	--	0.16 U	0.16 U	0.22 UJ
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	0.17 U	--	--	--	0.17 U	0.17 U	0.4 UJ
Dibromomethane	8260B	0.17 U	--	--	--	0.17 U	0.17 U	0.36 UJ
Dichlorodifluoromethane	8260B	0.31 U	--	--	--	0.5 J	0.31 UJ	0.26 UJ
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	3.7 U	--	--	--	3.7 U	3.7 U	7 UJ
Ethylmethacrylate	8260B	0.86 U	--	--	--	0.86 U	0.86 U	0.9 UJ
Ethylbenzene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.25 UJ
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	0.23 U	--	--	--	0.23 U	0.23 U	1 UJ
Isobutanol	8260B	36 U	--	--	--	36 U	37 UJ	7 UJ
Isopropanol	8260B	--	--	--	--	--	--	--
Methacrylonitrile	8260B	1.6 U	--	--	--	1.6 U	1.6 U	0.9 UJ
Methylethylketone	8260B	2 U	2 U	2 U	2 U	2 U	2 U	4.7 UJ
Methylisobutylketone(MIBK)	8260B	0.98 U	--	--	--	0.98 U	0.98 U	3.5 UJ
Methylmethacrylate	8260B	1.1 U	--	--	--	1.1 U	1.1 UJ	0.9 UJ
Methyltert-butylether	8260B	--	--	--	--	--	--	--
Methylenechloride	8260B	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.95 UJ
m-Xylene&p-Xylene	8260B	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.6 UJ
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.3 UJ
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	0.17 U	--	--	--	0.17 U	0.17 U	0.2 UJ
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.32 UJ
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.36 UJ
trans-1,2-Dichloroethene	8260B	130 J	140 J	120	2.5 J	1.3	2.2	1.7 J
trans-1,3-Dichloropropene	8260B	0.19 U	--	--	--	0.19 U	0.19 U	0.32 UJ
trans-1,4-Dichloro-2-butene	8260B	0.8 UJ	--	--	--	0.8 U	0.8 U	2.5 UJ
Trichloroethene	8260B	120 J	200 J	170	18 J	13	18	19 J
Trichlorofluoromethane	8260B	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 UJ	0.34 UJ
Vinylacetate	8260B	0.94 U	--	--	--	0.94 U	0.94 U	1 UJ
Vinylchloride	8260B	11	15 J	16 J	1.8 J	0.42 J	0.54 J	0.54 J
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-20	HAR-21	HAR-21	HAR-21	HAR-23	HAR-23	HAR-23
SampleType:		Field Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-20_072711_36	HAR-21_012611_01	HAR-21_041311_01	HAR-21_072911_01	HAR-23_012011_01	HAR-23_041911_01	HAR-23_072511_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/27/2011	1/26/2011	4/13/2011	7/29/2011	1/20/2011	4/19/2011	7/25/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	0.21 U	--	0.21 U	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	0.21 U	--	0.21 U	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	--	0.42 U	--	0.42 U	0.42 U	0.42 U	3 J
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	0.27 J	0.23 U	0.26 J	0.23 U	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	--	0.0017 U	--	--	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	0.0066 U	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	0.0036 U	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	0.15 U	--	0.15 U	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	0.18 U	--	0.18 U	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	0.13 U	--	0.13 U	--	--	--	--
1,4-Dichlorobenzene	**8260B**	0.16 U	--	0.16 U	--	--	--	--
1,4-Dioxane	**8260B SIM**	--	1.3 J	1.4 J	1.4 J	0.75 U	0.64 U	0.64 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	1.7 U	--	1.7 U	--	--	--	--
Acetone	**8260B**	10 U	1.9 U	1.9 U	10 UJ	1.9 U	1.9 U	10 U
Acetonitrile	**8260B**	9.6 UJ	--	9.6 U	--	--	--	--
Acrolein	**8260B**	--	--	2.8 U	--	--	--	--
Acrylonitrile	**8260B**	--	--	1.4 U	--	--	--	--
Allylchloride	**8260B**	0.17 U	--	0.17 U	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	0.17 U	--	0.17 U	--	--	--	--
Bromoform	**8260B**	0.19 U	--	0.19 U	--	--	--	--
Bromomethane	**8260B**	0.21 U	--	0.21 U	--	--	--	--
CarbonDisulfide	**8260B**	0.45 U	--	0.45 U	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	**8260B**	0.17 U	--	0.17 U	--	--	--	--
Chloroethane	**8260B**	0.41 U	--	0.41 U	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	**8260B**	0.3 U	--	0.3 U	--	--	--	--
Chloroprene	**8260B**	0.21 U	--	0.21 U	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	23	240	220	220 J	0.2 J	0.15 U	0.15 U
cis-1,3-Dichloropropene	**8260B**	0.16 U	--	0.16 U	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	0.17 U	--	0.17 U	--	--	--	--
Dibromomethane	**8260B**	0.17 U	--	0.17 U	--	--	--	--
Dichlorodifluoromethane	**8260B**	0.31 UJ	--	0.31 U	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	3.7 U	--	3.7 U	--	--	--	--
Ethylmethacrylate	**8260B**	0.86 U	--	0.86 U	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	0.23 U	--	0.23 U	--	--	--	--
Isobutanol	**8260B**	37 UJ	--	36 U	--	--	--	--
Isopropanol	**8260B**	--	--	--	--	13 U	13 U	13 U
Methacrylonitrile	**8260B**	1.6 U	--	1.6 U	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	0.98 U	--	0.98 U	--	--	--	--
Methylmethacrylate	**8260B**	1.1 UJ	--	1.1 U	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	0.17 U	--	0.17 U	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	2.3	17	14	17 J	0.15 U	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	0.19 U	--	0.19 U	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	0.8 U	--	0.8 U	--	--	--	--
Trichloroethene	**8260B**	20	0.75 J	0.36 J	1.1 J	2.3	1.9 J	1.5
Trichlorofluoromethane	**8260B**	0.29 UJ	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	**8260B**	0.94 U	--	0.94 U	--	--	--	--
Vinylchloride	**8260B**	0.68 J	160	110	100 J	0.1 U	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-25	HAR-25	HAR-25	HAR-26	HAR-26	HAR-26	HAR-27
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-25_011711_01	HAR-25_042211_01	HAR-25_081011_01	HAR-26_012011_01	HAR-26_040711_01	HAR-26_072011_01	HAR-27_011911_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/17/2011	4/22/2011	8/10/2011	1/20/2011	4/7/2011	7/20/2011	1/19/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	8260B	--	0.21 U	--	--	0.21 UJ	--	--
1,1,1-Trichloroethane	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	8260B	--	0.21 U	--	--	0.21 U	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.42 U	0.42 U	0.56 J	0.42 U	--	0.42 U	0.42 U
1,1,2-Trichloroethane	8260B	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	8260B	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	8260B	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	--	0.0017 U	0.0017 U	--	0.0017 U	0.0017 U	--
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	0.0066 U	--	--	0.0065 U	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	0.0036 U	--	--	0.0036 U	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	0.15 U	--	--	0.15 U	--	--
1,2-Dichloroethane	8260B	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	8260B	--	0.18 U	--	--	0.18 U	--	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	0.13 U	--	--	0.13 U	--	--
1,4-Dichlorobenzene	8260B	--	0.16 U	--	--	0.16 UJ	--	--
1,4-Dioxane	8260B SIM	0.93 J	0.76 J	0.64 U	0.75 U	0.64 U	0.64 U	0.75 U
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	1.7 U	--	--	1.7 U	--	--
Acetone	8260B	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Acetonitrile	8260B	--	9.6 U	--	--	9.6 U	--	--
Acrolein	8260B	--	2.8 U	--	--	2.8 U	--	--
Acrylonitrile	8260B	--	1.4 U	--	--	1.4 U	--	--
Allylchloride	8260B	--	0.17 U	--	--	0.17 U	--	--
Benzene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	0.17 U	--	--	0.17 U	--	--
Bromoform	8260B	--	0.19 U	--	--	0.19 U	--	--
Bromomethane	8260B	--	0.21 U	--	--	0.21 U	--	--
CarbonDisulfide	8260B	--	0.45 U	--	--	0.45 U	--	--
CarbonTetrachloride	8260B	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	8260B	--	0.17 U	--	--	0.17 UJ	--	--
Chloroethane	8260B	--	0.41 U	--	--	0.41 U	--	--
Chloroform	8260B	0.16 U	0.28 J	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	8260B	--	0.3 U	--	--	0.3 U	--	--
Chloroprene	8260B	--	0.21 U	--	--	0.21 U	--	--
cis-1,2-Dichloroethene	8260B	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	4.3
cis-1,3-Dichloropropene	8260B	--	0.16 U	--	--	0.16 U	--	--
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	0.17 U	--	--	0.17 U	--	--
Dibromomethane	8260B	--	0.17 U	--	--	0.17 U	--	--
Dichlorodifluoromethane	8260B	--	0.31 UJ	--	--	0.31 U	--	--
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	3.7 U	--	--	3.7 U	--	--
Ethylmethacrylate	8260B	--	0.86 U	--	--	0.86 U	--	--
Ethylbenzene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	0.23 U	--	--	0.23 U	--	--
Isobutanol	8260B	--	36 U	--	--	36 U	--	--
Isopropanol	8260B	13 U	13 U	13 U	--	--	--	--
Methacrylonitrile	8260B	--	1.6 U	--	--	1.6 U	--	--
Methylethylketone	8260B	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	8260B	--	0.98 U	--	--	0.98 U	--	--
Methylmethacrylate	8260B	--	1.1 U	--	--	1.1 U	--	--
Methyltert-butylether	8260B	--	--	--	--	--	--	--
Methylenechloride	8260B	0.32 U	5 U	0.32 U	0.32 U	0.32 U	0.32 U	5 U
m-Xylene&p-Xylene	8260B	0.34 U	0.34 U	0.34 U	0.34 U	0.34 UJ	0.34 U	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	0.17 U	--	--	0.17 UJ	--	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.84 J	1.7	1.2	0.2 U	0.2 UJ	0.2 U	0.2 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	8260B	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	3
trans-1,3-Dichloropropene	8260B	--	0.19 U	--	--	0.19 U	--	--
trans-1,4-Dichloro-2-butene	8260B	--	0.8 U	--	--	0.8 UJ	--	--
Trichloroethene	8260B	6.6	14	13 J	0.16 U	0.16 U	0.16 U	0.16 U
Trichlorofluoromethane	8260B	12	26 J	32	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	8260B	--	0.94 U	--	--	0.94 U	--	--
Vinylchloride	8260B	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	3
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-27	HAR-27	HAR-28	HAR-28	HAR-28	HAR-29	HAR-29
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-27_041211_01	HAR-27_080211_01	HAR-28_011911_01	HAR-28_041211_01	HAR-28_080211_01	HAR-29_011711_01	HAR-29_041911_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/12/2011	8/2/2011	1/19/2011	4/12/2011	8/2/2011	1/17/2011	4/19/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	0.21 U	--	--	0.21 U	--	--	0.21 U
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	0.21 U	--	--	0.21 U	--	--	0.21 U
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	--	0.42 U	0.42 U	--	0.42 U	0.42 U	--
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	0.0017 U	--	--	0.0017 U	--	--	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	0.0067 U	--	--	0.0066 U	--	--	0.0066 U
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	0.0036 U	--	--	0.0036 U	--	--	0.0036 U
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	0.15 U	--	--	0.15 U	--	--	0.15 U
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	0.18 U	--	--	0.18 U	--	--	0.18 U
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	0.13 U	--	--	0.13 U	--	--	0.13 U
1,4-Dichlorobenzene	**8260B**	0.16 U	--	--	0.16 U	--	--	0.16 U
1,4-Dioxane	**8260B SIM**	0.64 U	0.64 U	0.75 U	0.64 U	0.64 U	0.75 U	0.64 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	1.7 U	--	--	1.7 U	--	--	1.7 U
Acetone	**8260B**	1.9 U	13 U	1.9 U	1.9 U	10 U	10 U	1.9 U
Acetonitrile	**8260B**	9.6 U	--	--	9.6 U	--	--	9.6 U
Acrolein	**8260B**	2.8 U	--	--	2.8 U	--	--	2.8 U
Acrylonitrile	**8260B**	1.4 U	--	--	1.4 U	--	--	1.4 U
Allylchloride	**8260B**	0.17 U	--	--	0.17 U	--	--	0.17 U
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	0.17 U	--	--	0.17 U	--	--	0.17 U
Bromoform	**8260B**	0.19 U	--	--	0.19 U	--	--	0.19 U
Bromomethane	**8260B**	0.21 U	--	--	0.21 U	--	--	0.21 U
CarbonDisulfide	**8260B**	0.45 U	--	--	0.45 U	--	--	0.45 U
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	**8260B**	0.17 U	--	--	0.17 U	--	--	0.17 U
Chloroethane	**8260B**	0.41 U	--	--	0.41 U	--	--	0.41 U
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	**8260B**	0.3 U	--	--	0.3 U	--	--	0.3 U
Chloroprene	**8260B**	0.21 U	--	--	0.21 U	--	--	0.21 U
cis-1,2-Dichloroethene	**8260B**	10	2.8	4.5	11	5.2	0.84 J	0.15 U
cis-1,3-Dichloropropene	**8260B**	0.16 U	--	--	0.16 U	--	--	0.16 U
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	0.17 U	--	--	0.17 U	--	--	0.17 U
Dibromomethane	**8260B**	0.17 U	--	--	0.17 U	--	--	0.17 U
Dichlorodifluoromethane	**8260B**	0.31 U	--	--	0.31 U	--	--	0.31 U
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	3.7 U	--	--	3.7 U	--	--	3.7 U
Ethylmethacrylate	**8260B**	0.86 U	--	--	0.86 U	--	--	0.86 U
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	0.23 U	--	--	0.23 U	--	--	0.23 U
Isobutanol	**8260B**	36 U	--	--	36 U	--	--	36 U
Isopropanol	**8260B**	--	--	--	--	--	--	--
Methacrylonitrile	**8260B**	1.6 U	--	--	1.6 U	--	--	1.6 U
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	0.98 U	--	--	0.98 U	--	--	0.98 U
Methylmethacrylate	**8260B**	1.1 U	--	--	1.1 U	--	--	1.1 U
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 U	5 U	5 U	0.32 U	5 U	0.32 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	0.17 U	--	--	0.17 U	--	--	0.17 U
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	5.8	1.6	0.15 U	0.43 J	0.2 J	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	0.19 U	--	--	0.19 U	--	--	0.19 U
trans-1,4-Dichloro-2-butene	**8260B**	0.8 U	--	--	0.8 U	--	--	0.8 U
Trichloroethene	**8260B**	0.41 J	0.18 J	0.97 J	3.3	1.8	0.34 J	0.16 U
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	**8260B**	0.94 U	--	--	0.94 U	--	--	0.94 U
Vinylchloride	**8260B**	2.5	0.76 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-29	HAR-30	HAR-30	HAR-30	HAR-31	HAR-31	HAR-32
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-29_080211_01	HAR-30_012811_01	HAR-30_042811_01	HAR-30_072111_01	HAR-31_011911_01	HAR-31_041411_01	HAR-32_011711_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/2/2011	1/28/2011	4/28/2011	7/21/2011	1/19/2011	4/14/2011	1/17/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	8260B	--	--	0.21 UJ	--	--	--	--
1,1,1-Trichloroethane	8260B	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.64 U
1,1,2,2-Tetrachloroethane	8260B	--	--	0.21 UJ	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.42 U	0.42 U	0.42 UJ	0.42 U	0.42 U	0.42 U	950
1,1,2-Trichloroethane	8260B	0.27 U	0.27 U	0.27 UJ	0.27 U	0.27 U	0.27 U	1.1 U
1,1-Dichloroethane	8260B	0.22 U	0.22 U	0.22 UJ	0.22 U	0.22 U	0.22 U	1.9 J
1,1-Dichloroethene	8260B	0.23 U	0.23 U	0.23 UJ	0.23 U	0.23 U	0.23 U	0.92 U
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	--	--	0.0017 U	--	--	--	--
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	0.0068 U	--	--	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	0.0037 U	--	--	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	0.15 UJ	--	--	--	--
1,2-Dichloroethane	8260B	0.13 U	0.13 U	0.13 UJ	0.13 U	0.13 U	0.13 U	0.52 U
1,2-Dichloropropane	8260B	--	--	0.18 UJ	--	--	--	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	0.13 UJ	--	--	--	--
1,4-Dichlorobenzene	8260B	--	--	0.16 UJ	--	--	--	--
1,4-Dioxane	8260B SIM	0.64 U	0.75 U	0.64 U	0.64 U	0.75 U	0.64 U	1.8 J
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	1.7 UJ	--	--	--	--
Acetone	8260B	43 U	1.9 U	1.9 UJ	1.9 U	1.9 U	2.1 J	100
Acetonitrile	8260B	--	--	9.6 UJ	--	--	--	--
Acrolein	8260B	--	--	2.8 U	--	--	--	--
Acrylonitrile	8260B	--	--	1.4 U	--	--	--	--
Allylchloride	8260B	--	--	0.17 UJ	--	--	--	--
Benzene	8260B	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.64 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	0.17 UJ	--	--	--	--
Bromoform	8260B	--	--	0.19 UJ	--	--	--	--
Bromomethane	8260B	--	--	0.21 UJ	--	--	--	--
CarbonDisulfide	8260B	--	--	0.45 UJ	--	--	--	--
CarbonTetrachloride	8260B	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.76 U
Chlorobenzene	8260B	--	--	0.17 UJ	--	--	--	--
Chloroethane	8260B	--	--	0.41 UJ	--	--	--	--
Chloroform	8260B	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.64 U
Chloromethane	8260B	--	--	0.3 UJ	--	--	--	--
Chloroprene	8260B	--	--	0.21 UJ	--	--	--	--
cis-1,2-Dichloroethene	8260B	0.18 J	2.3	1.7 J	0.15 U	0.36 J	0.15 U	48
cis-1,3-Dichloropropene	8260B	--	--	0.16 UJ	--	--	--	--
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	0.17 UJ	--	--	--	--
Dibromomethane	8260B	--	--	0.17 UJ	--	--	--	--
Dichlorodifluoromethane	8260B	--	--	0.31 UJ	--	--	--	--
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	3.7 UJ	--	--	--	--
Ethylmethacrylate	8260B	--	--	0.86 UJ	--	--	--	--
Ethylbenzene	8260B	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.64 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	0.23 UJ	--	--	--	--
Isobutanol	8260B	--	--	36 UJ	--	--	--	--
Isopropanol	8260B	--	13 U	13 UJ	13 U	13 U	13 U	52 U
Methacrylonitrile	8260B	--	--	1.6 UJ	--	--	--	--
Methylethylketone	8260B	2 U	2 U	2 UJ	2 U	2 U	2 U	8 U
Methylisobutylketone(MIBK)	8260B	--	--	0.98 UJ	--	--	--	--
Methylmethacrylate	8260B	--	--	1.1 UJ	--	--	--	--
Methyltert-butylether	8260B	--	--	--	--	--	--	--
Methylenechloride	8260B	5 U	0.32 U	0.32 UJ	0.32 U	5 U	0.32 U	1.3 U
m-Xylene&p-Xylene	8260B	0.34 U	0.34 U	0.34 UJ	0.34 U	0.34 U	0.34 U	1.4 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.76 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	--	0.17 UJ	--	--	--	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.8 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.17 U	0.17 U	0.17 UJ	0.17 U	0.17 U	0.17 U	0.68 U
trans-1,2-Dichloroethene	8260B	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 U	0.15 U	0.6 U
trans-1,3-Dichloropropene	8260B	--	--	0.19 UJ	--	--	--	--
trans-1,4-Dichloro-2-butene	8260B	--	--	0.8 UJ	--	--	--	--
Trichloroethene	8260B	0.16 U	3.2	3.2 J	0.55 J	0.53 J	0.16 U	720
Trichlorofluoromethane	8260B	0.29 U	0.29 U	0.29 UJ	0.29 U	0.29 U	0.29 U	1.2 U
Vinylacetate	8260B	--	--	0.94 UJ	--	--	--	--
Vinylchloride	8260B	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.4 U
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-32	HAR-32	HAR-33	HAR-33	HAR-33	PZ-035	PZ-035
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-32_042711_01	HAR-32_072111_01	HAR-33_011711_01	HAR-33_042511_01	HAR-33_072511_01	PZ-035_042611_01	PZ-035_072111_01A
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/27/2011	7/21/2011	1/17/2011	4/25/2011	7/25/2011	4/26/2011	7/21/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	0.21 U	--	--	0.21 U	--	0.21 U	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	0.21 U	--	--	0.21 U	--	0.21 U	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	240 J	480	11	45	46 J	2.3 J	5.4 J
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 UJ	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 UJ	0.22 U	0.22 U	0.22 U	0.22 J	0.41 J
1,1-Dichloroethene	**8260B**	0.23 U	0.23 UJ	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	0.0017 U	--	--	0.0017 U	--	0.0017 U	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	0.0067 U	--	--	0.0068 U	--	0.0067 U	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	0.0036 U	--	--	0.0037 UJ	--	0.0036 UJ	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	0.15 U	--	--	0.15 U	--	0.15 U	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 UJ	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	0.18 U	--	--	0.18 U	--	0.18 U	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	0.13 U	--	--	0.13 U	--	0.13 U	--
1,4-Dichlorobenzene	**8260B**	0.16 U	--	--	0.16 U	--	0.16 U	--
1,4-Dioxane	**8260B SIM**	0.64 U	0.64 U	1.1 J	0.64 U	0.64 U	1.1 J	2.1
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	1.7 U	--	--	1.7 U	--	1.7 U	--
Acetone	**8260B**	1.9 U	1.9 UJ	10 U	10 UJ	18 UJ	1.9 U	1.9 U
Acetonitrile	**8260B**	9.6 U	--	--	9.6 U	--	9.6 U	--
Acrolein	**8260B**	2.8 U	--	--	2.8 UJ	--	2.8 U	--
Acrylonitrile	**8260B**	1.4 U	--	--	1.4 UJ	--	1.4 U	--
Allylchloride	**8260B**	0.17 U	--	--	0.17 U	--	0.17 U	--
Benzene	**8260B**	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	0.17 U	--	--	0.17 U	--	0.17 U	--
Bromoform	**8260B**	0.19 U	--	--	0.19 U	--	0.19 U	--
Bromomethane	**8260B**	0.21 U	--	--	0.21 U	--	0.21 U	--
CarbonDisulfide	**8260B**	0.45 U	--	--	0.45 U	--	0.45 U	--
CarbonTetrachloride	**8260B**	0.19 UJ	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	**8260B**	0.17 U	--	--	0.17 U	--	0.17 U	--
Chloroethane	**8260B**	0.41 U	--	--	0.41 U	--	0.41 U	--
Chloroform	**8260B**	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	**8260B**	0.3 U	--	--	0.3 U	--	0.3 U	--
Chloroprene	**8260B**	0.21 U	--	--	0.21 U	--	0.21 U	--
cis-1,2-Dichloroethene	**8260B**	2.7	5.3 J	0.15 U	0.15 U	0.15 U	3 J	19 J
cis-1,3-Dichloropropene	**8260B**	0.16 U	--	--	0.16 U	--	0.16 U	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	0.17 UJ	--	--	0.17 U	--	0.17 U	--
Dibromomethane	**8260B**	0.17 U	--	--	0.17 U	--	0.17 U	--
Dichlorodifluoromethane	**8260B**	0.31 U	--	--	0.31 U	--	0.31 U	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	3.7 U	--	--	3.7 U	--	3.7 U	--
Ethylmethacrylate	**8260B**	0.86 U	--	--	0.86 U	--	0.86 U	--
Ethylbenzene	**8260B**	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	0.23 U	--	--	0.23 U	--	0.23 U	--
Isobutanol	**8260B**	36 U	--	--	36 U	--	36 U	--
Isopropanol	**8260B**	13 U	13 UJ	13 U	13 U	13 U	13 U	13 U
Methacrylonitrile	**8260B**	1.6 U	--	--	1.6 U	--	1.6 U	--
Methylethylketone	**8260B**	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	0.98 U	--	--	0.98 U	--	0.98 U	--
Methylmethacrylate	**8260B**	1.1 U	--	--	1.1 U	--	1.1 U	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 UJ	0.32 UJ	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 UJ	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	0.17 U	--	--	0.17 U	--	0.17 U	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 UJ	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 UJ	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	0.19 U	--	--	0.19 U	--	0.19 U	--
trans-1,4-Dichloro-2-butene	**8260B**	0.8 U	--	--	0.8 U	--	0.8 U	--
Trichloroethene	**8260B**	68 J	89	1	0.35 J	0.58 J	35 J	27 J
Trichlorofluoromethane	**8260B**	0.29 U	0.29 UJ	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	**8260B**	0.94 U	--	--	0.94 U	--	0.94 U	--
Vinylchloride	**8260B**	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-060	PZ-060	PZ-060	PZ-076	PZ-076	PZ-077	PZ-077
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-060_012811_01	PZ-060_042711_01	PZ-060_072111_01	PZ-076_011811_01	PZ-076_080811_01	PZ-077_012011_01	PZ-077_080811_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/28/2011	4/27/2011	7/21/2011	1/18/2011	8/8/2011	1/20/2011	8/8/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	8260B	--	0.21 U	--	--	--	--	--
1,1,1-Trichloroethane	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	8260B	--	0.21 U	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.42 U	--	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,1,2-Trichloroethane	8260B	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	8260B	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	8260B	0.23 U	0.23 U	0.23 U	0.27 J	0.23 U	0.23 U	0.23 U
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	--	0.0017 U	--	0.0017 U	0.0017 U	0.0017 U	0.0017 U
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	0.0066 U	--	--	--	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	0.0036 UJ	--	--	--	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	0.15 U	--	--	--	--	--
1,2-Dichloroethane	8260B	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	8260B	--	0.18 U	--	--	--	--	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	0.13 U	--	--	--	--	--
1,4-Dichlorobenzene	8260B	--	0.16 U	--	--	--	--	--
1,4-Dioxane	8260B SIM	2.3	1.8 J	1.6 J	5.4	5.4	0.75 U	0.64 U
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	1.7 U	--	--	--	--	--
Acetone	8260B	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	10 U
Acetonitrile	8260B	--	9.6 U	--	--	--	--	--
Acrolein	8260B	--	2.8 U	--	--	--	--	--
Acrylonitrile	8260B	--	1.4 U	--	--	--	--	--
Allylchloride	8260B	--	0.17 U	--	--	--	--	--
Benzene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	0.17 U	--	--	--	--	--
Bromoform	8260B	--	0.19 U	--	--	--	--	--
Bromomethane	8260B	--	0.21 U	--	--	--	--	--
CarbonDisulfide	8260B	--	0.45 U	--	--	--	--	--
CarbonTetrachloride	8260B	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	8260B	--	0.17 U	--	--	--	--	--
Chloroethane	8260B	--	0.41 U	--	--	--	--	--
Chloroform	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	8260B	--	0.3 U	--	--	--	--	--
Chloroprene	8260B	--	0.21 U	--	--	--	--	--
cis-1,2-Dichloroethene	8260B	27	24	19	0.15 U	0.15 U	0.15 J	0.15 U
cis-1,3-Dichloropropene	8260B	--	0.16 U	--	--	--	--	--
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	0.17 UJ	--	--	--	--	--
Dibromomethane	8260B	--	0.17 U	--	--	--	--	--
Dichlorodifluoromethane	8260B	--	0.31 U	--	--	--	--	--
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	3.7 U	--	--	--	--	--
Ethylmethacrylate	8260B	--	0.86 U	--	--	--	--	--
Ethylbenzene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	0.23 U	--	--	--	--	--
Isobutanol	8260B	--	36 U	--	--	--	--	--
Isopropanol	8260B	--	--	--	--	--	--	--
Methacrylonitrile	8260B	--	1.6 U	--	--	--	--	--
Methylethylketone	8260B	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	8260B	--	0.98 U	--	--	--	--	--
Methylmethacrylate	8260B	--	1.1 U	--	--	--	--	--
Methyltert-butylether	8260B	--	--	--	--	--	--	--
Methylenechloride	8260B	0.32 U	0.32 UJ	0.32 U	0.66 J	0.32 U	0.32 U	0.32 U
m-Xylene&p-Xylene	8260B	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	0.17 U	--	--	--	--	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	8260B	1.2	0.66 J	0.85 J	0.15 U	0.15 U	0.15 U	0.15 U
trans-1,3-Dichloropropene	8260B	--	0.19 U	--	--	--	--	--
trans-1,4-Dichloro-2-butene	8260B	--	0.8 U	--	--	--	--	--
Trichloroethene	8260B	10	1 U	0.16 U	3.6	4.1	1.1	2.2
Trichlorofluoromethane	8260B	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	8260B	--	0.94 U	--	--	--	--	--
Vinylchloride	8260B	0.25 J	0.76 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-108	PZ-124	PZ-129	PZ-139	PZ-139	PZ-139	PZ-139
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate	Primary	Primary
Sample Name:		PZ-108_071811_01	PZ-124_071411_01A	PZ-129_012611_01	PZ-139_020311_01	PZ-139_020311_36	PZ-139_042611_01	PZ-139_071111_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/18/2011	7/14/2011	1/26/2011	2/3/2011	2/3/2011	4/26/2011	7/11/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	--	--	--	--	--
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	0.71 J	0.73 J	0.73 J	0.57 J
1,1-Dichloropropene	**8260B**	--	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
1,2,3-Trichlorobenzene	**8260B**	--	--	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,2,3-Trichloropropane	**524.2**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
1,2,4-Trichlorobenzene	**8260B**	--	--	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,2,4-Trimethylbenzene	**8260B**	--	--	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,2-Dichlorobenzene	**8260B**	--	--	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,3,5-Trimethylbenzene	**8260B**	--	--	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,3-Dichlorobenzene	**8260B**	--	--	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,4-Dichlorobenzene	**8260B**	--	--	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,4-Dioxane	**8260B SIM**	--	--	0.75 U	0.75 U	0.75 U	0.64 U	0.64 U
2-Chloroethylvinylether	**8260B**	--	--	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
2-Hexanone	**8260B**	--	--	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
Acetone	**8260B**	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	10 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U
Acrylonitrile	**8260B**	--	--	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Bromochloromethane	**8260B**	--	--	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Bromodichloromethane	**8260B**	--	--	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Bromoform	**8260B**	--	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Bromomethane	**8260B**	--	--	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
CarbonDisulfide	**8260B**	--	--	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Chloroethane	**8260B**	--	--	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	5.2 J	0.15 U	0.15 U	11	11	10 J	9.7
cis-1,3-Dichloropropene	**8260B**	--	--	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Cumene	**8260B**	--	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Dibromochloromethane	**8260B**	--	--	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
Diisopropylether	**8260B**	--	--	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
Iodomethane	**8260B**	--	--	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	--	--	--	--	--	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Methylenechloride	**8260B**	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
n-Propylbenzene	**8260B**	--	--	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
o-Chlorotoluene	**8260B**	--	--	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
p-Cymene	**8260B**	--	--	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U
sec-Butylbenzene	**8260B**	--	--	0.17 U	0.17 U	0.17 U	0.17 UJ	0.17 U
sec-Dichloropropane	**8260B**	--	--	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Styrene	**8260B**	--	--	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
tert-Amylmethylether	**8260B**	--	--	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
tert-Butylalcohol	**8260B**	--	--	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
tert-Butylethylether	**8260B**	--	--	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
tert-Butylbenzene	**8260B**	--	--	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	2 U	2 U	2 U	2 U	2 U
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.54 J	0.56 J	0.51 J	0.53 J
trans-1,3-Dichloropropene	**8260B**	--	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	57	0.16 U	3.4 J	190	200	200 J	210
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	0.94 U	0.94 U	0.94 U	0.94 U	0.94 U
Vinylchloride	**8260B**	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-139	PZ-140	PZ-140	PZ-140	PZ-140	PZ-140	PZ-141
SampleType:		Split	Primary	Primary	Split	Primary	Field Duplicate	Primary
Sample Name:		PZ-139_071111_03	PZ-140_012411_01	PZ-140_042111_01	PZ-140_042111_03	PZ-140_080911_01A	PZ-140_080911_36A	PZ-141_020311_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Irvine	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/11/2011	1/24/2011	4/21/2011	4/21/2011	8/9/2011	8/9/2011	2/3/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	0.27 U	0.21 U	0.21 U	0.27 U	0.21 U	0.21 UJ	0.21 U
1,1,1-Trichloroethane	**8260B**	0.3 U	0.16 U	0.16 U	0.3 U	0.16 U	0.16 UJ	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	0.3 U	0.21 U	0.21 U	0.3 U	0.21 U	0.21 UJ	0.21 U
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloroethane	**8260B**	0.3 U	0.27 U	0.27 U	0.3 U	0.27 U	0.27 UJ	0.27 U
1,1-Dichloroethane	**8260B**	0.4 U	0.22 U	0.22 U	0.4 U	0.22 U	0.22 UJ	0.22 U
1,1-Dichloroethene	**8260B**	0.52 J	0.23 U	0.23 U	0.42 U	0.23 U	0.23 UJ	0.23 U
1,1-Dichloropropene	**8260B**	0.28 U	0.19 U	0.19 U	0.28 U	0.19 U	0.19 UJ	0.19 U
1,2,3-Trichlorobenzene	**8260B**	0.3 U	0.21 U	0.21 U	0.3 UJ	0.21 U	0.21 UJ	0.21 U
1,2,3-Trichloropropane	**524.2**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	0.4 U	0.33 U	0.33 U	0.4 U	0.33 U	0.33 UJ	0.33 U
1,2,4-Trichlorobenzene	**8260B**	0.48 U	0.21 U	0.21 U	0.48 UJ	0.21 U	0.21 UJ	0.21 U
1,2,4-Trimethylbenzene	**8260B**	0.23 U	0.15 U	0.15 U	0.23 UJ	0.15 U	0.15 UJ	0.15 U
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	0.97 U	0.47 U	0.47 U	0.97 U	0.47 U	0.47 UJ	0.47 U
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	0.4 U	0.18 U	0.18 U	0.4 U	0.18 U	0.18 UJ	0.18 U
1,2-Dichlorobenzene	**8260B**	0.32 U	0.15 U	0.15 U	0.32 UJ	0.15 U	0.15 UJ	0.15 U
1,2-Dichloroethane	**8260B**	0.28 U	0.13 U	0.13 U	0.28 U	0.13 U	0.13 UJ	0.13 U
1,2-Dichloropropane	**8260B**	0.35 U	0.18 U	0.18 U	0.35 U	0.18 U	0.18 UJ	0.18 U
1,3,5-Trimethylbenzene	**8260B**	0.26 U	0.16 U	0.16 U	0.26 UJ	0.16 U	0.16 UJ	0.16 U
1,3-Dichlorobenzene	**8260B**	0.35 U	0.13 U	0.13 U	0.35 UJ	0.13 U	0.13 UJ	0.13 U
1,4-Dichlorobenzene	**8260B**	0.37 U	0.16 U	0.16 U	0.37 UJ	0.16 U	0.16 UJ	0.16 U
1,4-Dioxane	**8260B SIM**	1 U	0.75 UJ	0.64 U	1 U	0.64 U	0.64 U	0.75 U
2-Chloroethylvinylether	**8260B**	1.8 U	0.31 U	0.31 U	1.8 UJ	0.31 U	0.31 U	0.31 R
2-Hexanone	**8260B**	2.6 U	1.7 U	1.7 U	2.6 U	1.7 U	1.7 UJ	1.7 U
Acetone	**8260B**	4.5 U	1.9 U	1.9 U	4.5 U	1.9 U	1.9 UJ	1.9 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	4 U	2.8 U	2.8 U	4 UJ	2.8 U	2.8 U	2.8 U
Acrylonitrile	**8260B**	1.2 U	1.4 U	1.4 U	1.2 UJ	1.4 U	1.4 U	1.4 U
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.28 U	0.16 U	0.36 J	0.34 J	0.16 U	0.16 UJ	0.16 U
Bromobenzene	**8260B**	0.27 U	0.17 U	0.17 U	0.27 UJ	0.17 U	0.17 UJ	0.17 U
Bromochloromethane	**8260B**	0.4 U	0.1 U	0.1 U	0.4 U	0.1 U	0.1 UJ	0.1 U
Bromodichloromethane	**8260B**	0.3 U	0.17 U	0.17 U	0.3 U	0.17 U	0.17 UJ	0.17 U
Bromoform	**8260B**	0.4 U	0.19 U	0.19 U	0.4 U	0.19 U	0.19 UJ	0.19 U
Bromomethane	**8260B**	0.42 U	0.21 U	0.21 U	0.42 U	0.21 U	0.21 UJ	0.21 U
CarbonDisulfide	**8260B**	0.48 U	0.45 U	0.45 U	0.48 U	0.45 U	0.45 UJ	0.45 U
CarbonTetrachloride	**8260B**	0.28 U	0.19 U	0.19 U	0.28 U	0.19 U	0.19 UJ	0.19 U
Chlorobenzene	**8260B**	0.36 U	0.17 U	0.17 U	0.36 UJ	0.17 U	0.17 UJ	0.17 U
Chloroethane	**8260B**	0.4 U	0.41 U	0.41 U	0.4 U	0.41 U	0.41 UJ	0.41 U
Chloroform	**8260B**	0.33 U	0.16 U	1 U	0.33 U	0.16 U	0.16 UJ	0.16 U
Chloromethane	**8260B**	0.4 U	0.3 U	0.3 U	0.4 U	0.3 U	0.3 UJ	0.3 U
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	9.9	4.3	7.1	7.3	8.5	7.3 J	18
cis-1,3-Dichloropropene	**8260B**	0.22 U	0.16 U	0.16 U	0.22 U	0.16 U	0.16 UJ	0.16 U
Cumene	**8260B**	0.25 U	0.19 U	0.19 U	0.25 UJ	0.19 U	0.19 UJ	0.19 U
Dibromochloromethane	**8260B**	0.4 U	0.17 U	0.17 U	0.4 U	0.17 U	0.17 UJ	0.17 U
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	0.26 U	0.31 U	0.31 U	0.26 U	0.31 U	0.31 UJ	0.31 U
Diisopropylether	**8260B**	0.25 U	0.74 U	0.74 U	0.25 U	0.74 U	0.74 UJ	0.74 U
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.25 U	0.16 U	0.16 U	0.25 UJ	0.16 U	0.16 UJ	0.16 U
Hexachlorobutadiene	**8260B**	0.38 U	0.12 U	0.12 U	0.38 U	0.12 U	0.12 UJ	0.12 U
Iodomethane	**8260B**	1 U	0.23 U	0.23 U	1 U	0.23 U	0.23 UJ	0.23 U
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	--	--	--	--	--	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	4.7 U	2 U	2 U	4.7 U	2 U	2 UJ	2 U
Methylisobutylketone(MIBK)	**8260B**	3.5 U	0.98 U	0.98 U	3.5 U	0.98 U	0.98 UJ	0.98 U
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	0.32 U	0.25 U	0.25 U	0.32 U	0.25 U	0.25 UJ	0.25 UJ
Methylenechloride	**8260B**	0.95 U	0.32 U	0.32 U	0.95 U	0.32 U	0.32 UJ	0.32 U
m-Xylene&p-Xylene	**8260B**	0.6 U	0.34 U	0.34 U	0.6 UJ	0.34 U	0.34 UJ	0.34 U
n-Butylbenzene	**8260B**	0.37 U	0.14 U	0.14 U	0.37 UJ	0.14 U	0.14 UJ	0.14 U
n-Propylbenzene	**8260B**	0.27 U	0.16 U	0.16 U	0.27 UJ	0.16 U	0.16 UJ	0.16 U
o-Chlorotoluene	**8260B**	0.28 U	0.17 U	0.17 U	0.28 UJ	0.17 U	0.17 UJ	0.17 U
o-Xylene	**8260B**	0.3 U	0.19 U	0.19 U	0.3 UJ	0.19 U	0.19 UJ	0.19 U
p-Chlorotoluene	**8260B**	0.29 U	0.21 U	0.21 U	0.29 UJ	0.21 U	0.21 UJ	0.21 U
p-Cymene	**8260B**	0.28 U	0.2 U	0.2 U	0.28 UJ	0.2 U	0.2 UJ	0.2 U
sec-Butylbenzene	**8260B**	0.25 U	0.17 U	0.17 U	0.25 UJ	0.17 U	0.17 UJ	0.17 U
sec-Dichloropropane	**8260B**	0.34 U	0.18 U	0.18 U	0.34 U	0.18 U	0.18 UJ	0.18 U
Styrene	**8260B**	0.2 U	0.17 U	0.17 U	0.2 UJ	0.17 U	0.17 UJ	0.17 U
tert-Amylmethylether	**8260B**	0.33 U	1.4 U	1.4 U	0.33 U	1.4 U	1.4 UJ	1.4 U
tert-Butylalcohol	**8260B**	6.5 U	3.8 U	3.8 U	6.5 U	3.8 U	3.8 UJ	3.8 U
tert-Butylethylether	**8260B**	0.28 U	1.2 U	1.2 U	0.28 U	1.2 U	1.2 UJ	1.2 U
tert-Butylbenzene	**8260B**	0.22 U	0.16 U	0.16 U	0.22 UJ	0.16 U	0.16 UJ	0.16 U
Tetrachloroethene	**8260B**	0.32 U	0.2 U	0.2 U	0.32 U	0.2 U	0.2 UJ	0.2 U
Tetrahydrofuran	**8260B**	3.5 U	2 U	2 U	3.5 U	2 U	2 UJ	2 U
Toluene	**8260B**	0.36 U	0.17 U	0.17 U	0.36 UJ	0.17 U	0.17 UJ	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.51 J	0.15 U	0.15 U	0.3 U	0.15 U	0.15 UJ	0.16 J
trans-1,3-Dichloropropene	**8260B**	0.32 U	0.19 U	0.19 U	0.32 U	0.19 U	0.19 UJ	0.19 U
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	180	68	130 J	140	110	110	59
Trichlorofluoromethane	**8260B**	0.34 U	0.29 U	0.29 U	0.34 U	0.29 U	0.29 UJ	0.29 U
Vinylacetate	**8260B**	1 U	0.94 U	0.94 U	1 U	0.94 U	0.94 UJ	0.94 U
Vinylchloride	**8260B**	0.4 U	0.1 U	0.1 U	0.4 U	0.1 U	0.1 UJ	0.1 U
Xylenes,Total	**8260B**	0.9 U	0.19 U	0.19 U	0.9 UJ	0.19 U	0.19 UJ	0.19 U

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-141	PZ-141	PZ-141	PZ-144	PZ-144	PZ-144	PZ-144
SampleType:		Split	Primary	Primary	Primary	Primary	Field Duplicate	Primary
Sample Name:		PZ-141_020311_03	PZ-141_041211_01	PZ-141_080111_01A	PZ-144_020111_01	PZ-144_041311_01	PZ-144_041311_36	PZ-144_080111_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/3/2011	4/12/2011	8/1/2011	2/1/2011	4/13/2011	4/13/2011	8/1/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	0.27 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,1,1-Trichloroethane	**8260B**	0.3 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	0.3 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloroethane	**8260B**	0.3 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.4 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.42 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	0.28 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
1,2,3-Trichlorobenzene	**8260B**	0.3 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,2,3-Trichloropropane	**524.2**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	0.4 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
1,2,4-Trichlorobenzene	**8260B**	0.48 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,2,4-Trimethylbenzene	**8260B**	0.23 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	0.97 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	0.4 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,2-Dichlorobenzene	**8260B**	0.32 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
1,2-Dichloroethane	**8260B**	0.28 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	0.35 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,3,5-Trimethylbenzene	**8260B**	0.26 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,3-Dichlorobenzene	**8260B**	0.35 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,4-Dichlorobenzene	**8260B**	0.37 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,4-Dioxane	**8260B SIM**	1 U	0.64 U	0.64 U	0.75 U	0.64 U	0.64 U	0.64 U
2-Chloroethylvinylether	**8260B**	--	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
2-Hexanone	**8260B**	2.6 U	1.7 U	1.7 U	4.2 J	1.7 U	1.7 U	1.7 U
Acetone	**8260B**	4.5 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U
Acrylonitrile	**8260B**	--	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.28 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	**8260B**	0.27 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Bromochloromethane	**8260B**	0.4 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Bromodichloromethane	**8260B**	0.3 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Bromoform	**8260B**	0.4 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Bromomethane	**8260B**	0.42 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
CarbonDisulfide	**8260B**	0.48 U	0.45 U	0.45 UJ	0.45 U	0.45 U	0.45 U	0.45 UJ
CarbonTetrachloride	**8260B**	0.28 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	**8260B**	0.36 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Chloroethane	**8260B**	0.4 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
Chloroform	**8260B**	1 U	0.16 U	0.28 J	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	**8260B**	0.4 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.32 U	16 J	25 J	0.15 U	0.15 U	0.15 U	0.15 U
cis-1,3-Dichloropropene	**8260B**	0.22 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U
Cumene	**8260B**	0.25 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Dibromochloromethane	**8260B**	0.4 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	0.26 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
Diisopropylether	**8260B**	0.25 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.25 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	0.38 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
Iodomethane	**8260B**	1 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	--	--	--	--	--	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	4.7 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	3.5 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	0.32 U	0.25 U	0.25 U	0.25 UJ	0.25 U	0.25 U	0.25 U
Methylenechloride	**8260B**	0.95 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.6 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	0.37 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
n-Propylbenzene	**8260B**	0.27 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
o-Chlorotoluene	**8260B**	0.28 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
o-Xylene	**8260B**	0.3 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	0.29 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
p-Cymene	**8260B**	0.28 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
sec-Butylbenzene	**8260B**	0.25 U	0.17 U	0.17 UJ	0.17 U	0.17 U	0.17 U	0.17 U
sec-Dichloropropane	**8260B**	0.34 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Styrene	**8260B**	0.2 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
tert-Amylmethylether	**8260B**	0.33 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
tert-Butylalcohol	**8260B**	6.5 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
tert-Butylethylether	**8260B**	0.28 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
tert-Butylbenzene	**8260B**	0.22 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Tetrachloroethene	**8260B**	0.32 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	3.5 U	2 U	2 U	2 U	2 U	2 U	2 U
Toluene	**8260B**	0.36 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.3 U	0.15 U	1.6 J	0.15 U	0.15 U	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	0.32 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.26 U	98	110 J	0.16 U	0.16 U	0.16 U	2.7 J
Trichlorofluoromethane	**8260B**	0.34 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	**8260B**	1 U	0.94 U	0.94 U	0.94 U	0.94 U	0.94 U	0.94 U
Vinylchloride	**8260B**	0.4 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Xylenes,Total	**8260B**	0.9 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-146	PZ-146	PZ-147	PZ-147	PZ-148	PZ-149	PZ-149
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-146_042911_01	PZ-146_080311_01	PZ-147_042811_01	PZ-147_080911_01	PZ-148_042811_01	PZ-149_012711_01	PZ-149_041111_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/29/2011	8/3/2011	4/28/2011	8/9/2011	4/28/2011	1/27/2011	4/11/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	1.4 U	0.21 U	0.21 UJ	0.21 U	0.21 UJ	0.21 U	0.21 U
1,1,1-Trichloroethane	**8260B**	1.1 U	0.16 U	0.16 UJ	0.16 UJ	0.16 UJ	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	1.4 U	0.21 U	0.21 UJ	0.21 U	0.21 UJ	0.21 U	0.21 U
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloroethane	**8260B**	1.8 U	0.27 U	0.27 UJ	0.27 U	0.27 UJ	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	1.5 U	0.22 U	0.22 UJ	0.22 U	0.22 UJ	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	1.5 U	0.23 U	0.23 UJ	0.23 U	0.23 UJ	0.23 U	0.26 J
1,1-Dichloropropene	**8260B**	1.3 U	0.19 U	0.19 UJ	0.19 UJ	0.19 UJ	0.19 U	0.19 U
1,2,3-Trichlorobenzene	**8260B**	1.4 U	0.21 U	0.21 UJ	0.21 UJ	0.21 UJ	0.21 U	0.21 U
1,2,3-Trichloropropane	**524.2**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	2.2 U	0.33 U	0.33 UJ	0.33 U	0.33 UJ	0.33 U	0.33 U
1,2,4-Trichlorobenzene	**8260B**	1.4 U	0.21 U	0.21 UJ	0.21 UJ	0.21 UJ	0.21 U	0.21 U
1,2,4-Trimethylbenzene	**8260B**	1 U	0.15 U	0.15 UJ	0.15 UJ	0.15 UJ	0.15 U	0.15 U
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	3.1 U	0.47 U	0.47 UJ	0.47 UJ	0.47 UJ	0.47 U	0.47 U
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	1.2 U	0.18 U	0.18 UJ	0.18 U	0.18 UJ	0.18 U	0.18 U
1,2-Dichlorobenzene	**8260B**	1 U	0.15 U	0.15 UJ	0.15 UJ	0.15 UJ	0.15 U	0.15 U
1,2-Dichloroethane	**8260B**	0.87 U	0.13 U	0.13 UJ	0.13 U	0.13 UJ	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	1.2 U	0.18 U	0.18 UJ	0.18 U	0.18 UJ	0.18 U	0.18 U
1,3,5-Trimethylbenzene	**8260B**	1.1 U	0.16 U	0.16 UJ	0.16 UJ	0.16 UJ	0.16 U	0.16 U
1,3-Dichlorobenzene	**8260B**	0.87 U	0.13 U	0.13 UJ	0.13 UJ	0.13 UJ	0.13 U	0.13 U
1,4-Dichlorobenzene	**8260B**	1.1 U	0.16 U	0.16 UJ	0.16 UJ	0.16 UJ	0.16 U	0.16 U
1,4-Dioxane	**8260B SIM**	0.93 J	1 J	0.64 U	0.64 U	0.64 U	1.8 J	2
2-Chloroethylvinylether	**8260B**	0.31 U	0.31 U	0.31 U	0.31 UJ	0.31 U	0.31 UJ	0.31 UJ
2-Hexanone	**8260B**	16 J	1.7 U	1.7 UJ	1.7 U	1.7 UJ	1.7 U	1.7 U
Acetone	**8260B**	1000	19 U	1.9 UJ	1.9 U	1.9 UJ	1.9 U	10 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	2.8 U	2.8 U	2.8 U	2.8 UJ	2.8 U	2.8 U	2.8 UJ
Acrylonitrile	**8260B**	1.4 U	1.4 U	1.4 U	1.4 UJ	1.4 U	1.4 U	1.4 UJ
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	1.1 U	0.16 U	0.16 UJ	0.16 U	0.16 UJ	0.16 U	0.16 U
Bromobenzene	**8260B**	1.1 U	0.17 U	0.17 UJ	0.17 U	0.17 UJ	0.17 U	0.17 U
Bromochloromethane	**8260B**	0.67 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 U
Bromodichloromethane	**8260B**	1.1 U	0.17 U	0.17 UJ	0.17 U	0.17 UJ	0.17 U	0.17 U
Bromoform	**8260B**	1.3 U	0.19 U	0.19 UJ	0.19 UJ	0.19 UJ	0.19 U	0.19 U
Bromomethane	**8260B**	1.4 U	0.21 U	0.21 UJ	0.21 U	0.21 UJ	0.21 U	0.21 U
CarbonDisulfide	**8260B**	3 UJ	0.45 U	0.45 UJ	0.45 U	0.45 UJ	0.45 U	0.45 U
CarbonTetrachloride	**8260B**	1.3 U	0.19 U	0.19 UJ	0.19 UJ	0.19 UJ	0.19 U	0.19 U
Chlorobenzene	**8260B**	1.1 U	0.17 U	0.17 UJ	0.17 UJ	0.17 UJ	0.17 U	0.17 U
Chloroethane	**8260B**	2.7 U	0.41 U	0.41 UJ	0.41 U	0.41 UJ	0.41 U	0.41 U
Chloroform	**8260B**	1.1 U	0.16 U	0.16 UJ	0.16 U	0.49 J	0.16 U	0.16 U
Chloromethane	**8260B**	2 U	0.3 U	0.3 UJ	0.3 U	0.3 UJ	0.3 U	0.3 U
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	1 U	0.15 U	18 J	16 J	0.15 UJ	2.2	1.9
cis-1,3-Dichloropropene	**8260B**	1.1 U	0.16 U	0.16 UJ	0.16 U	0.16 UJ	0.16 U	0.16 U
Cumene	**8260B**	1.3 U	0.19 U	0.19 UJ	0.19 U	0.19 UJ	0.19 U	0.19 U
Dibromochloromethane	**8260B**	1.1 U	0.17 U	0.17 UJ	0.17 UJ	0.17 UJ	0.17 U	0.17 U
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	2.1 U	0.31 U	0.31 UJ	0.31 U	0.31 UJ	0.31 U	0.31 U
Diisopropylether	**8260B**	4.9 U	0.74 U	0.74 UJ	0.74 U	0.74 UJ	0.74 U	0.74 U
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	1.1 U	0.16 U	0.16 UJ	0.16 UJ	0.16 UJ	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	0.8 U	0.12 U	0.12 UJ	0.12 UJ	0.12 UJ	0.12 U	0.12 U
Iodomethane	**8260B**	1.5 U	0.23 U	0.23 UJ	0.23 U	0.23 UJ	0.23 U	0.23 U
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	--	--	--	--	--	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	4000	31	2 UJ	2 U	2 UJ	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	6.5 U	0.98 U	0.98 UJ	0.98 U	0.98 UJ	0.98 U	0.98 U
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	1.7 U	0.25 U	0.25 UJ	0.25 U	0.25 UJ	0.25 U	0.25 U
Methylenechloride	**8260B**	2.1 UJ	1 U	0.32 UJ	0.32 U	0.32 UJ	1 U	1 U
m-Xylene&p-Xylene	**8260B**	2.3 U	0.34 U	0.34 UJ	0.34 UJ	0.34 UJ	0.34 U	0.34 U
n-Butylbenzene	**8260B**	0.93 U	0.14 U	0.14 UJ	0.14 UJ	0.14 UJ	0.14 U	0.14 U
n-Propylbenzene	**8260B**	1.1 U	0.16 U	0.16 UJ	0.16 UJ	0.16 UJ	0.16 U	0.16 U
o-Chlorotoluene	**8260B**	1.1 U	0.17 U	0.17 UJ	0.17 UJ	0.17 UJ	0.17 U	0.17 U
o-Xylene	**8260B**	1.3 U	0.19 U	0.19 UJ	0.19 UJ	0.19 UJ	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	1.4 U	0.21 U	0.21 UJ	0.21 UJ	0.21 UJ	0.21 U	0.21 U
p-Cymene	**8260B**	1.3 U	0.2 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	0.2 U
sec-Butylbenzene	**8260B**	1.1 U	0.17 U	0.17 UJ	0.17 UJ	0.17 UJ	0.17 U	0.17 U
sec-Dichloropropane	**8260B**	1.2 U	0.18 U	0.18 UJ	0.18 U	0.18 UJ	0.18 U	0.18 U
Styrene	**8260B**	1.1 U	0.17 U	0.17 UJ	0.17 UJ	0.17 UJ	0.17 U	0.17 U
tert-Amylmethylether	**8260B**	9.3 U	1.4 U	1.4 UJ	1.4 U	1.4 UJ	1.4 U	1.4 U
tert-Butylalcohol	**8260B**	25 U	3.8 U	3.8 UJ	3.8 U	3.8 UJ	3.8 U	3.8 U
tert-Butylethylether	**8260B**	8 U	1.2 U	1.2 UJ	1.2 U	1.2 UJ	1.2 U	1.2 U
tert-Butylbenzene	**8260B**	1.1 U	0.16 U	0.16 UJ	0.16 UJ	0.16 UJ	0.16 U	0.16 U
Tetrachloroethene	**8260B**	1.3 U	0.2 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	14 U	2 U	2 UJ	2 U	2 UJ	2 U	2 U
Toluene	**8260B**	1.1 U	0.17 U	0.17 UJ	0.17 U	0.17 UJ	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	1 U	0.15 U	0.15 UJ	0.15 U	0.15 UJ	0.2 J	0.26 J
trans-1,3-Dichloropropene	**8260B**	1.3 U	0.19 U	0.19 UJ	0.19 U	0.19 UJ	0.19 U	0.19 U
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	4.3 J	3.9	87 J	73	0.16 UJ	0.16 U	0.16 U
Trichlorofluoromethane	**8260B**	1.9 U	0.29 U	0.29 UJ	0.29 U	0.29 UJ	0.29 U	0.29 U
Vinylacetate	**8260B**	6.3 UJ	0.94 U	0.94 UJ	0.94 U	0.94 UJ	0.94 U	0.94 U
Vinylchloride	**8260B**	0.67 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 U
Xylenes,Total	**8260B**	1.3 U	0.19 U	0.19 UJ	0.19 UJ	0.19 UJ	0.19 U	0.19 U

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-149	PZ-152	PZ-154	PZ-154	PZ-154	PZ-155	PZ-155
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-149_072811_01A	PZ-152_042911_01	PZ-154_012811_01	PZ-154_042111_01	PZ-154_072711_01A	PZ-155_041211_01	PZ-155_072911_01A
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/28/2011	4/29/2011	1/28/2011	4/21/2011	7/27/2011	4/12/2011	7/29/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	0.21 U	0.21 U	4.2 U	21 UJ	0.21 U	0.21 U	0.21 U
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	3.2 U	16 UJ	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	0.21 U	0.21 U	4.2 U	21 UJ	0.21 U	0.21 U	0.21 U
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	5.4 U	27 UJ	4.4	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	4.4 U	22 UJ	3	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	14 J	65 J	23	0.23 U	1 U
1,1-Dichloropropene	**8260B**	0.19 U	0.19 U	3.8 U	19 UJ	0.19 U	0.19 U	0.19 U
1,2,3-Trichlorobenzene	**8260B**	0.21 U	0.21 U	4.2 U	21 UJ	0.21 U	0.21 U	0.21 U
1,2,3-Trichloropropane	**524.2**	--	0.0017 U	--	--	--	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	0.33 U	0.33 U	6.6 U	33 UJ	0.33 U	0.33 U	0.33 U
1,2,4-Trichlorobenzene	**8260B**	0.21 U	0.21 U	4.2 U	21 UJ	0.21 U	0.21 U	0.21 U
1,2,4-Trimethylbenzene	**8260B**	0.15 U	0.15 U	3 U	15 UJ	0.15 U	0.15 U	0.15 U
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	0.47 U	0.47 U	9.4 U	47 UJ	0.47 U	0.47 U	0.47 U
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	0.18 U	0.18 U	3.6 U	18 UJ	0.18 U	0.18 U	0.18 U
1,2-Dichlorobenzene	**8260B**	0.15 U	0.15 U	3 U	15 UJ	0.15 U	0.15 U	0.15 U
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	2.6 U	13 UJ	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	0.18 U	0.18 U	3.6 U	18 UJ	0.18 U	0.18 U	0.18 U
1,3,5-Trimethylbenzene	**8260B**	0.16 U	0.16 U	3.2 U	16 UJ	0.16 U	0.16 U	0.16 U
1,3-Dichlorobenzene	**8260B**	0.13 U	0.13 U	2.6 U	13 UJ	0.13 U	0.13 U	0.13 U
1,4-Dichlorobenzene	**8260B**	0.16 U	0.16 U	3.2 U	16 UJ	0.16 U	0.16 U	0.16 U
1,4-Dioxane	**8260B SIM**	1.3 J	0.64 U	11	8.5	5	0.64 U	0.64 U
2-Chloroethylvinylether	**8260B**	0.31 U	0.31 U	31 U	0.31 U	0.31 U	0.31 U	0.31 UJ
2-Hexanone	**8260B**	1.7 U	1.7 U	34 U	170 UJ	1.7 U	1.7 U	1.7 U
Acetone	**8260B**	1.9 U	1.9 U	38 U	190 UJ	10 U	10 U	1.9 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	2.8 U	2.8 U	280 U	2.8 U	2.8 U	2.8 U	2.8 UJ
Acrylonitrile	**8260B**	1.4 U	1.4 U	140 U	1.4 U	1.4 U	1.4 U	1.4 UJ
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	3.2 U	16 UJ	0.16 U	0.16 U	0.16 U
Bromobenzene	**8260B**	0.17 U	0.17 U	3.4 U	17 UJ	0.17 U	0.17 U	0.17 U
Bromochloromethane	**8260B**	0.1 U	0.1 U	2 U	10 UJ	0.1 U	0.1 U	0.1 U
Bromodichloromethane	**8260B**	0.17 U	0.17 U	3.4 U	17 UJ	0.17 U	0.17 U	0.17 U
Bromoform	**8260B**	0.19 U	0.19 U	3.8 U	19 UJ	0.19 U	0.19 U	0.19 U
Bromomethane	**8260B**	0.21 U	0.21 U	4.2 U	21 UJ	0.21 U	0.21 U	0.21 U
CarbonDisulfide	**8260B**	0.45 U	0.45 UJ	9 U	45 UJ	0.45 U	0.45 U	0.45 U
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	3.8 U	19 UJ	0.19 U	0.19 U	0.19 UJ
Chlorobenzene	**8260B**	0.17 U	0.17 U	3.4 U	17 UJ	0.17 U	0.17 U	0.17 U
Chloroethane	**8260B**	0.41 U	0.41 U	8.2 U	41 UJ	0.41 U	0.41 U	0.41 U
Chloroform	**8260B**	0.16 U	0.16 U	3.2 U	16 UJ	2.1 U	0.16 U	0.16 U
Chloromethane	**8260B**	0.3 U	0.3 U	6 U	30 UJ	0.3 U	0.3 U	0.3 U
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	2.6	0.15 U	13000	26000 J	16000 J	10	110 J
cis-1,3-Dichloropropene	**8260B**	0.16 U	0.16 U	3.2 U	16 UJ	0.16 U	0.16 U	0.16 U
Cumene	**8260B**	0.19 U	0.19 U	3.8 U	19 UJ	0.19 U	0.19 U	0.19 U
Dibromochloromethane	**8260B**	0.17 U	0.17 U	3.4 U	17 UJ	0.17 U	0.17 U	0.17 U
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	0.31 U	0.31 U	6.2 U	31 UJ	0.31 U	0.31 U	0.31 U
Diisopropylether	**8260B**	0.74 U	0.74 U	15 U	74 UJ	0.74 U	0.74 U	0.74 U
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	3.2 U	16 UJ	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	0.12 U	0.12 U	2.4 U	12 UJ	0.12 U	0.12 U	0.12 U
Iodomethane	**8260B**	0.23 U	0.23 U	4.6 U	23 UJ	0.23 U	0.23 U	0.23 U
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	--	--	--	--	--	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	40 U	200 UJ	2 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	0.98 U	0.98 U	20 U	98 UJ	0.98 U	0.98 U	0.98 U
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	0.25 U	1.7	5 U	25 UJ	0.25 U	0.25 U	0.25 U
Methylenechloride	**8260B**	1 U	0.32 UJ	20 U	32 UJ	2.4 U	0.32 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	6.8 U	34 UJ	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	0.14 U	0.14 U	2.8 U	14 UJ	0.14 U	0.14 U	0.14 U
n-Propylbenzene	**8260B**	0.16 U	0.16 U	3.2 U	16 UJ	0.16 U	0.16 U	0.16 U
o-Chlorotoluene	**8260B**	0.17 U	0.17 U	3.4 U	17 UJ	0.17 U	0.17 U	0.17 U
o-Xylene	**8260B**	0.19 U	0.19 U	3.8 U	19 UJ	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	0.21 U	0.21 U	4.2 U	21 UJ	0.21 U	0.21 U	0.21 U
p-Cymene	**8260B**	0.2 U	0.2 U	4 U	20 UJ	0.2 U	0.2 U	0.2 U
sec-Butylbenzene	**8260B**	0.17 U	0.17 U	3.4 U	17 UJ	0.17 U	0.17 U	0.17 U
sec-Dichloropropane	**8260B**	0.18 U	0.18 U	3.6 U	18 UJ	0.18 U	0.18 U	0.18 U
Styrene	**8260B**	0.17 U	0.17 U	3.4 U	17 UJ	0.17 U	0.17 U	0.17 U
tert-Amylmethylether	**8260B**	1.4 U	1.4 U	28 U	140 UJ	1.4 U	1.4 U	1.4 U
tert-Butylalcohol	**8260B**	3.8 U	3.8 U	76 U	380 UJ	3.8 U	3.8 U	3.8 UJ
tert-Butylethylether	**8260B**	1.2 U	1.2 U	24 U	120 UJ	1.2 U	1.2 U	1.2 U
tert-Butylbenzene	**8260B**	0.16 U	0.16 U	3.2 U	16 UJ	0.16 U	0.16 U	0.16 U
Tetrachloroethene	**8260B**	0.2 U	0.2 U	4 U	20 UJ	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	2 U	2 U	41 U	200 UJ	2 U	2 U	2 UJ
Toluene	**8260B**	0.17 U	0.17 U	3.4 U	17 UJ	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.33 J	0.15 U	170	440 J	160 J	0.5 J	3.2
trans-1,3-Dichloropropene	**8260B**	0.19 U	0.19 U	3.8 U	19 UJ	0.19 U	0.19 U	0.19 U
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.16 U	1 U	18000	44000 J	6200 J	3.1	1200 J
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	5.8 U	29 UJ	0.29 U	0.29 U	0.29 UJ
Vinylacetate	**8260B**	0.94 U	0.94 UJ	19 U	94 UJ	0.94 U	0.94 U	0.94 U
Vinylchloride	**8260B**	0.1 U	0.1 U	130	84 J	40 UJ	0.31 J	2
Xylenes,Total	**8260B**	0.19 U	0.19 U	3.8 U	19 UJ	0.19 U	0.19 U	0.19 U

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-157	PZ-158	PZ-158	PZ-158	PZ-159	PZ-159	PZ-159
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-157_072211_01	PZ-158_013111_01	PZ-158_042911_01	PZ-158_072211_01	PZ-159_011911_01	PZ-159_041311_01	PZ-159_072211_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/22/2011	1/31/2011	4/29/2011	7/22/2011	1/19/2011	4/13/2011	7/22/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
1,2,3-Trichlorobenzene	**8260B**	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,2,3-Trichloropropane	**524.2**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
1,2,4-Trichlorobenzene	**8260B**	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,2,4-Trimethylbenzene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,2-Dichlorobenzene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,3,5-Trimethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,3-Dichlorobenzene	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,4-Dichlorobenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,4-Dioxane	**8260B SIM**	0.64 U	0.75 U	0.64 U	0.64 U	0.75 U	--	--
2-Chloroethylvinylether	**8260B**	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
2-Hexanone	**8260B**	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
Acetone	**8260B**	1.9 U	1.9 U	1.9 U	1.9 U	10 U	1.9 U	1.9 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U
Acrylonitrile	**8260B**	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Bromochloromethane	**8260B**	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Bromodichloromethane	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Bromoform	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Bromomethane	**8260B**	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
CarbonDisulfide	**8260B**	0.45 U	0.45 U	0.45 UJ	0.45 U	0.45 U	0.45 U	0.45 U
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Chloroethane	**8260B**	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	**8260B**	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
cis-1,3-Dichloropropene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Cumene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Dibromochloromethane	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
Diisopropylether	**8260B**	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
Iodomethane	**8260B**	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	--	--	--	--	--	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	0.25 U	0.25 UJ	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Methylenechloride	**8260B**	0.32 U	0.32 U	0.32 UJ	0.32 U	1 U	0.32 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
n-Propylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
o-Chlorotoluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
p-Cymene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
sec-Butylbenzene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
sec-Dichloropropane	**8260B**	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Styrene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
tert-Amylmethylether	**8260B**	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
tert-Butylalcohol	**8260B**	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
tert-Butylethylether	**8260B**	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
tert-Butylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Tetrachloroethene	**8260B**	0.2 U	0.43 J	0.47 J	0.32 J	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.16 U	0.16 U	1 U	0.31 J	0.16 U	0.16 U	0.16 U
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	**8260B**	0.94 U	0.94 U	0.94 UJ	0.94 U	0.94 U	0.94 U	0.94 U
Vinylchloride	**8260B**	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Xylenes,Total	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-01	RD-01	RD-02	RD-02	RD-02	RD-03	RD-03
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-01_042111_01	RD-01_071511_01	RD-02_012711_01	RD-02_042511_01	RD-02_071511_01	RD-03_020111_01	RD-03_042511_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/21/2011	7/15/2011	1/27/2011	4/25/2011	7/15/2011	2/1/2011	4/25/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 UJ	0.32 U	0.64 U	1.6 U	0.8 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 UJ	0.84 U	1.7 U	4.2 U	2.1 U	0.42 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 UJ	0.54 U	1.1 U	2.7 U	1.4 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 UJ	0.44 U	0.88 U	2.2 U	1.1 U	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	1.5 J	3.2 J	4.6	6.4 J	5.3 J	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	--	--	--	--	--	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 UJ	0.26 U	0.52 U	1.3 U	0.65 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	0.85 J	1.5 J	1.1 J	1.3 J	1.3 J	0.75 U	0.64 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	1.9 UJ	3.8 U	7.6 U	19 U	9.5 U	1.9 U	1.9 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 UJ	0.32 U	0.64 U	1.6 U	0.8 U	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 UJ	0.38 U	0.76 U	1.9 U	0.95 U	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 UJ	0.32 U	0.64 U	1.6 U	0.8 U	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	420 J	890 J	1100	1300 J	1300 J	0.15 U	0.3 J
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 UJ	0.32 U	0.64 U	1.6 U	0.8 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	13 UJ	26 U	--	130 U	65 U	13 U	13 U
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 UJ	4 U	8 U	20 U	10 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 UJ	0.64 U	1.3 U	50 UJ	1.6 U	0.32 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 UJ	0.68 U	1.4 U	3.4 U	1.7 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 UJ	0.38 U	0.76 U	1.9 U	0.95 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 UJ	0.4 U	0.8 U	2 U	1 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 UJ	0.34 U	0.68 U	1.7 U	0.85 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	12 J	26 J	53	74 J	55 J	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	420 J	850 J	940	1300 J	1200 J	0.16 U	0.16 U
Trichlorofluoromethane	**8260B**	0.29 UJ	0.58 U	1.2 U	2.9 U	1.5 U	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	3.9 J	14 J	3.3 J	7.1 J	5.1 J	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-03	RD-05A	RD-05A	RD-05A	RD-05B	RD-05B	RD-05B
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-03_080511_01	RD-05A_011211_01	RD-05A_041811_01	RD-05A_071911_01	RD-05B_011211_01	RD-05B_041811_01	RD-05B_071911_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/5/2011	1/12/2011	4/18/2011	7/19/2011	1/12/2011	4/18/2011	7/19/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8260B	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.42 UJ	0.42 U	0.42 U	0.42 U	0.42 UJ	0.42 U	0.42 U
1,1,2-Trichloroethane	8260B	0.27 UJ	0.27 U	0.27 U	0.27 U	0.27 UJ	0.27 U	0.27 U
1,1-Dichloroethane	8260B	0.22 UJ	0.22 U	0.22 U	0.22 U	0.22 UJ	0.22 U	0.22 U
1,1-Dichloroethene	8260B	0.23 UJ	0.23 U	0.23 U	0.23 U	0.23 UJ	0.23 U	0.23 U
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	0.0017 U	--	--	--	--	--	--
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	--	--	--	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,2-Dichloroethane	8260B	0.13 UJ	0.13 U	0.13 U	0.13 U	0.13 UJ	0.13 U	0.13 U
1,2-Dichloropropane	8260B	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dioxane	8260B SIM	0.64 U	0.75 U	0.64 U	0.64 U	0.75 U	0.64 U	0.64 U
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	--	--	--	--	--
Acetone	8260B	1.9 UJ	1.9 U	1.9 U	1.9 U	1.9 UJ	1.9 U	20 UJ
Acetonitrile	8260B	--	--	--	--	--	--	--
Acrolein	8260B	--	--	--	--	--	--	--
Acrylonitrile	8260B	--	--	--	--	--	--	--
Allylchloride	8260B	--	--	--	--	--	--	--
Benzene	8260B	0.16 UJ	0.16 U	0.16 UJ	0.16 U	0.16 UJ	0.16 UJ	0.16 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	--	--	--	--	--
Bromoform	8260B	--	--	--	--	--	--	--
Bromomethane	8260B	--	--	--	--	--	--	--
CarbonDisulfide	8260B	--	--	--	--	--	--	--
CarbonTetrachloride	8260B	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U
Chlorobenzene	8260B	--	--	--	--	--	--	--
Chloroethane	8260B	--	--	--	--	--	--	--
Chloroform	8260B	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
Chloromethane	8260B	--	--	--	--	--	--	--
Chloroprene	8260B	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	8260B	0.15 UJ	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 U
cis-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	--	--	--	--	--
Dibromomethane	8260B	--	--	--	--	--	--	--
Dichlorodifluoromethane	8260B	--	--	--	--	--	--	--
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	--	--	--	--	--
Ethylmethacrylate	8260B	--	--	--	--	--	--	--
Ethylbenzene	8260B	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	--	--	--	--	--
Isobutanol	8260B	--	--	--	--	--	--	--
Isopropanol	8260B	13 UJ	--	--	--	--	--	--
Methacrylonitrile	8260B	--	--	--	--	--	--	--
Methylethylketone	8260B	2 UJ	2 U	2 U	2 U	2 UJ	2 U	2 U
Methylisobutylketone(MIBK)	8260B	--	--	--	--	--	--	--
Methylmethacrylate	8260B	--	--	--	--	--	--	--
Methyltert-butylether	8260B	--	--	--	--	--	--	--
Methylenechloride	8260B	0.32 UJ	0.32 U	0.32 U	0.32 U	0.32 UJ	0.32 U	0.32 U
m-Xylene&p-Xylene	8260B	0.34 UJ	0.34 U	0.34 U	0.34 U	0.34 UJ	0.34 U	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	--	--	--	--	--	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.17 UJ	0.17 U	0.17 U	0.17 U	0.17 UJ	0.17 U	0.17 U
trans-1,2-Dichloroethene	8260B	0.15 UJ	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 U
trans-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	8260B	--	--	--	--	--	--	--
Trichloroethene	8260B	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
Trichlorofluoromethane	8260B	0.29 UJ	0.29 U	0.29 U	0.29 U	0.29 UJ	0.29 U	0.29 U
Vinylacetate	8260B	--	--	--	--	--	--	--
Vinylchloride	8260B	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-05C	RD-05C	RD-05C	RD-06	RD-06	RD-06
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-05C_011311_01	RD-05C_041811_01	RD-05C_071911_01	RD-06_011311_01	RD-06_041811_01	RD-06_071911_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/13/2011	4/18/2011	7/19/2011	1/13/2011	4/18/2011	7/19/2011
Analyte (ug/L)	**Method**						
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	0.42 U	0.42 UJ	0.42 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 UJ	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 UJ	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	0.23 UJ	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	--	--	--	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 UJ	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	0.75 U	0.64 U	0.64 U	0.75 U	0.64 U	0.71 J
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--
Acetone	**8260B**	1.9 U	1.9 U	2.1 UJ	1.9 UJ	1.9 U	10 U
Acetonitrile	**8260B**	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 UJ	0.16 U	0.16 UJ	0.16 UJ	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 U
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--
Isopropanol	**8260B**	--	--	--	13 UJ	13 U	13 U
Methacrylonitrile	**8260B**	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 UJ	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 U	0.32 U	0.32 U	0.32 UJ	0.32 U	5 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 UJ	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 UJ	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--
Trichloroethene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 UJ	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-07 (Port 3)	RD-08	RD-08	RD-08	RD-09	RD-104	RD-104
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-07_072111_01	RD-08_011911_01	RD-08_041111_01	RD-08_071211_01	RD-09_071311_01	RD-104_042911_01	RD-104_072711_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/21/2011	1/19/2011	4/11/2011	7/12/2011	7/13/2011	4/29/2011	7/27/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	8260B	--	--	0.21 U	--	--	0.21 U	--
1,1,1-Trichloroethane	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	8260B	--	--	0.21 U	--	--	0.21 U	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.42 U	0.56 J	--	0.42 U	0.42 U	--	0.42 U
1,1,2-Trichloroethane	8260B	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	8260B	0.22 U	2.9	1.4	1.6	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	8260B	0.23 U	0.23 U	0.23 U	0.23 U	0.65 J	0.23 U	0.23 U
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	--	--	0.0017 U	0.0017 U	--	0.0017 U	--
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	0.0064 U	--	--	0.0066 U	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	0.0035 U	--	--	0.0036 U	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	0.15 U	--	--	0.15 U	--
1,2-Dichloroethane	8260B	0.13 U	73	29	35	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	8260B	--	--	0.18 U	--	--	0.18 U	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	0.13 U	--	--	0.13 U	--
1,4-Dichlorobenzene	8260B	--	--	0.16 U	--	--	0.16 U	--
1,4-Dioxane	8260B SIM	--	6.6	6.1	6.5	1.2 J	0.64 U	1.4 J
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	1.7 U	--	--	1.7 U	--
Acetone	8260B	3.3 J	1.9 U	1.9 U	4.6 J	1.9 U	1.9 U	10 U
Acetonitrile	8260B	--	--	9.6 U	--	--	9.6 U	--
Acrolein	8260B	--	--	2.8 UJ	--	--	2.8 U	--
Acrylonitrile	8260B	--	--	1.4 UJ	--	--	1.4 U	--
Allylchloride	8260B	--	--	0.17 U	--	--	0.17 U	--
Benzene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	0.17 U	--	--	0.17 U	--
Bromoform	8260B	--	--	0.19 U	--	--	0.19 U	--
Bromomethane	8260B	--	--	0.21 U	--	--	0.21 U	--
CarbonDisulfide	8260B	--	--	0.45 U	--	--	0.45 UJ	--
CarbonTetrachloride	8260B	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	8260B	--	--	0.17 U	--	--	0.17 U	--
Chloroethane	8260B	--	--	0.41 U	--	--	0.41 U	--
Chloroform	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	8260B	--	--	0.3 U	--	--	0.3 U	--
Chloroprene	8260B	--	--	0.21 U	--	--	0.21 U	--
cis-1,2-Dichloroethene	8260B	50 J	0.15 U	0.15 U	0.33 J	150	11	22
cis-1,3-Dichloropropene	8260B	--	--	0.16 U	--	--	0.16 U	--
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	0.17 U	--	--	0.17 U	--
Dibromomethane	8260B	--	--	0.17 U	--	--	0.17 U	--
Dichlorodifluoromethane	8260B	--	--	0.31 U	--	--	0.31 U	--
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	3.7 U	--	--	3.7 U	--
Ethylmethacrylate	8260B	--	--	0.86 U	--	--	0.86 U	--
Ethylbenzene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	0.23 U	--	--	0.23 U	--
Isobutanol	8260B	--	--	36 U	--	--	36 U	--
Isopropanol	8260B	--	--	--	--	--	--	--
Methacrylonitrile	8260B	--	--	1.6 U	--	--	1.6 U	--
Methylethylketone	8260B	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	8260B	--	--	0.98 U	--	--	0.98 U	--
Methylmethacrylate	8260B	--	--	1.1 U	--	--	1.1 U	--
Methyltert-butylether	8260B	--	--	--	--	--	--	--
Methylenechloride	8260B	0.32 U	5 U	0.32 U	0.32 U	0.32 U	0.32 UJ	0.32 U
m-Xylene&p-Xylene	8260B	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	--	0.17 U	--	--	0.17 U	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	8260B	0.15 U	0.15 U	0.15 U	0.15 U	33	4	11
trans-1,3-Dichloropropene	8260B	--	--	0.19 U	--	--	0.19 U	--
trans-1,4-Dichloro-2-butene	8260B	--	--	0.8 U	--	--	0.8 U	--
Trichloroethene	8260B	1.4 J	0.48 J	0.22 J	0.16 U	160	16	12
Trichlorofluoromethane	8260B	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	8260B	--	--	0.94 U	--	--	0.94 UJ	--
Vinylchloride	8260B	0.1 U	0.1 U	0.1 U	0.1 U	0.79 J	0.1 U	2.3
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-11	RD-11	RD-11	RD-12	RD-12	RD-12	RD-13	RD-13
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-11_012411_01	RD-11_041111_01	RD-11_071911_01	RD-12_012411_01	RD-12_041111_01	RD-12_071911_01	RD-13_011311_01	RD-13_071311_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/24/2011	4/11/2011	7/19/2011	1/24/2011	4/11/2011	7/19/2011	1/13/2011	7/13/2011
Analyte (ug/L)	**Method**								
1,1,1,2-Tetrachloroethane	**8260B**	--	0.21 U	--	--	0.21 U	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	0.21 U	--	--	0.21 U	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	--	0.42 U	0.42 U	--	0.42 U	0.42 UJ	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 UJ	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 UJ	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 UJ	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	0.0017 U	0.0017 U	--	0.0017 U	0.0017 U	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	0.0065 U	--	--	0.0067 U	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	0.0035 U	--	--	0.0036 U	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	0.15 U	--	--	0.15 U	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.17 J	0.13 U	0.13 U	0.13 UJ	0.13 U
1,2-Dichloropropane	**8260B**	--	0.18 U	--	--	0.18 U	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	0.13 U	--	--	0.13 U	--	--	--
1,4-Dichlorobenzene	**8260B**	--	0.16 U	--	--	0.16 U	--	--	--
1,4-Dioxane	**8260B SIM**	0.75 UJ	0.64 U	0.64 U	0.75 UJ	1.1 J	0.64 U	--	--
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	1.7 U	--	--	1.7 U	--	--	--
Acetone	**8260B**	1.9 U	1.9 U	10 U	1.9 U	1.9 U	9.6 J	1.9 UJ	1.9 U
Acetonitrile	**8260B**	--	9.6 U	--	--	9.6 U	--	--	--
Acrolein	**8260B**	--	2.8 U	--	--	2.8 UJ	--	--	--
Acrylonitrile	**8260B**	--	1.4 U	--	--	1.4 UJ	--	--	--
Allylchloride	**8260B**	--	0.17 U	--	--	0.17 U	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	0.17 U	--	--	0.17 U	--	--	--
Bromoform	**8260B**	--	0.19 U	--	--	0.19 U	--	--	--
Bromomethane	**8260B**	--	0.21 U	--	--	0.21 U	--	--	--
CarbonDisulfide	**8260B**	--	0.45 U	--	--	0.45 U	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U
Chlorobenzene	**8260B**	--	0.17 U	--	--	0.17 U	--	--	--
Chloroethane	**8260B**	--	0.41 U	--	--	0.41 U	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U
Chloromethane	**8260B**	--	0.3 U	--	--	0.3 U	--	--	--
Chloroprene	**8260B**	--	0.21 U	--	--	0.21 U	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.24 J	0.22 J	0.15 U	0.15 UJ	0.15 U
cis-1,3-Dichloropropene	**8260B**	--	0.16 U	--	--	0.16 U	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	0.17 U	--	--	0.17 U	--	--	--
Dibromomethane	**8260B**	--	0.17 U	--	--	0.17 U	--	--	--
Dichlorodifluoromethane	**8260B**	--	0.31 U	--	--	0.31 U	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	3.7 U	--	--	3.7 U	--	--	--
Ethylmethacrylate	**8260B**	--	0.86 U	--	--	0.86 U	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	0.23 U	--	--	0.23 U	--	--	--
Isobutanol	**8260B**	--	36 U	--	--	36 U	--	--	--
Isopropanol	**8260B**	--	--	--	--	--	--	--	--
Methacrylonitrile	**8260B**	--	1.6 U	--	--	1.6 U	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ	2 U
Methylisobutylketone(MIBK)	**8260B**	--	0.98 U	--	--	0.98 U	--	--	--
Methylmethacrylate	**8260B**	--	1.1 U	--	--	1.1 U	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 U	0.32 U	5 U	0.32 U	0.32 U	0.32 U	0.32 UJ	5 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 UJ	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--	--
Styrene	**8260B**	--	0.17 U	--	--	0.17 U	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	0.19 U	--	--	0.19 U	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	0.8 U	--	--	0.8 U	--	--	--
Trichloroethene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.28 J	0.16 U
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 UJ	0.29 U
Vinylacetate	**8260B**	--	0.94 U	--	--	0.94 U	--	--	--
Vinylchloride	**8260B**	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-14	RD-14	RD-18	RD-18	RD-19	RD-19	RD-20
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-14_011311_01	RD-14_071411_01	RD-18_011311_01	RD-18_071811_01	RD-19_011311_01	RD-19_071811_01	RD-20_071311_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/13/2011	7/14/2011	1/13/2011	7/18/2011	1/13/2011	7/18/2011	7/13/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U
1,1,2,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 UJ	0.42 U
1,1,2-Trichloroethane	8260B	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 UJ	0.27 U
1,1-Dichloroethane	8260B	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 UJ	0.22 U
1,1-Dichloroethene	8260B	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 UJ	0.23 U
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	0.0017 U	0.0017 U	--	--	--	--	--
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	--	--	--	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,2-Dichloroethane	8260B	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 UJ	0.13 U
1,2-Dichloropropane	8260B	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dioxane	8260B SIM	--	--	0.75 U	0.64 U	--	--	--
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	--	--	--	--	--
Acetone	8260B	1.9 U	3.4 J	1.9 U	10 UJ	1.9 U	10 UJ	1.9 U
Acetonitrile	8260B	--	--	--	--	--	--	--
Acrolein	8260B	--	--	--	--	--	--	--
Acrylonitrile	8260B	--	--	--	--	--	--	--
Allylchloride	8260B	--	--	--	--	--	--	--
Benzene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	--	--	--	--	--
Bromoform	8260B	--	--	--	--	--	--	--
Bromomethane	8260B	--	--	--	--	--	--	--
CarbonDisulfide	8260B	--	--	--	--	--	--	--
CarbonTetrachloride	8260B	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U
Chlorobenzene	8260B	--	--	--	--	--	--	--
Chloroethane	8260B	--	--	--	--	--	--	--
Chloroform	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U
Chloromethane	8260B	--	--	--	--	--	--	--
Chloroprene	8260B	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	8260B	0.55 J	0.67 J	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U
cis-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	--	--	--	--	--
Dibromomethane	8260B	--	--	--	--	--	--	--
Dichlorodifluoromethane	8260B	--	--	--	--	--	--	--
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	--	--	--	--	--
Ethylmethacrylate	8260B	--	--	--	--	--	--	--
Ethylbenzene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	--	--	--	--	--
Isobutanol	8260B	--	--	--	--	--	--	--
Isopropanol	8260B	--	--	--	--	--	--	--
Methacrylonitrile	8260B	--	--	--	--	--	--	--
Methylethylketone	8260B	2 U	2 U	2 U	2 U	2 U	2 UJ	2 U
Methylisobutylketone(MIBK)	8260B	--	--	--	--	--	--	--
Methylmethacrylate	8260B	--	--	--	--	--	--	--
Methyltert-butylether	8260B	--	--	--	--	--	--	--
Methylenechloride	8260B	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 UJ	5 U
m-Xylene&p-Xylene	8260B	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 UJ	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	--	--	--	--	--	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ	0.17 U
trans-1,2-Dichloroethene	8260B	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U
trans-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	8260B	--	--	--	--	--	--	--
Trichloroethene	8260B	5.9	3	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U
Trichlorofluoromethane	8260B	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 UJ	0.29 U
Vinylacetate	8260B	--	--	--	--	--	--	--
Vinylchloride	8260B	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-32	RD-32	RD-33A (Port 2)	RD-33A (Port 2)	RD-33B	RD-33B
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-32_020111_01	RD-32_072811_01	RD-33A_011911_01	RD-33A_072111_01	RD-33B_011311_01	RD-33B_071211_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/1/2011	7/28/2011	1/19/2011	7/21/2011	1/13/2011	7/12/2011
Analyte (ug/L)	**Method**						
1,1,1,2-Tetrachloroethane	8260B	--	--	--	--	--	--
1,1,1-Trichloroethane	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	8260B	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,1,2-Trichloroethane	8260B	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	8260B	0.22 U	0.22 U	0.22 U	0.42 J	0.22 U	0.22 U
1,1-Dichloroethene	8260B	0.23 U	0.23 U	0.38 J	0.79 J	0.23 U	0.23 U
1,1-Dichloropropene	8260B	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	0.0017 U	0.0017 U	--	--	--	--
1,2,3-Trichloropropane	524M	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	--	--	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	--	--	--	--
1,2-Dichloroethane	8260B	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	8260B	--	--	--	--	--	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	--	--	--	--
1,4-Dichlorobenzene	8260B	--	--	--	--	--	--
1,4-Dioxane	8260B SIM	0.75 U	0.64 U	--	--	--	--
2-Chloroethylvinylether	8260B	--	--	--	--	--	--
2-Hexanone	8260B	--	--	--	--	--	--
Acetone	8260B	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	4.5 J
Acetonitrile	8260B	--	--	--	--	--	--
Acrolein	8260B	--	--	--	--	--	--
Acrylonitrile	8260B	--	--	--	--	--	--
Allylchloride	8260B	--	--	--	--	--	--
Benzene	8260B	0.16 U	0.16 U	1.1	0.16 U	0.16 U	0.16 U
Bromobenzene	8260B	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	--	--	--	--
Bromoform	8260B	--	--	--	--	--	--
Bromomethane	8260B	--	--	--	--	--	--
CarbonDisulfide	8260B	--	--	--	--	--	--
CarbonTetrachloride	8260B	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	8260B	--	--	--	--	--	--
Chloroethane	8260B	--	--	--	--	--	--
Chloroform	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	8260B	--	--	--	--	--	--
Chloroprene	8260B	--	--	--	--	--	--
cis-1,2-Dichloroethene	8260B	0.15 U	0.15 U	3	3.7	0.15 U	0.15 U
cis-1,3-Dichloropropene	8260B	--	--	--	--	--	--
Cumene	8260B	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	--	--	--	--
Dibromomethane	8260B	--	--	--	--	--	--
Dichlorodifluoromethane	8260B	--	--	--	--	--	--
Diisopropylether	8260B	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	--	--	--	--
Ethylmethacrylate	8260B	--	--	--	--	--	--
Ethylbenzene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--
Iodomethane	8260B	--	--	--	--	--	--
Isobutanol	8260B	--	--	--	--	--	--
Isopropanol	8260B	--	--	--	--	--	--
Methacrylonitrile	8260B	--	--	--	--	--	--
Methylethylketone	8260B	2 U	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	8260B	--	--	--	--	--	--
Methylmethacrylate	8260B	--	--	--	--	--	--
Methyltert-butylether	8260B	--	--	--	--	--	--
Methylenechloride	8260B	0.32 U	5 U	5 U	0.32 U	0.32 U	0.32 U
m-Xylene&p-Xylene	8260B	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--
o-Xylene	8260B	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--
Styrene	8260B	--	--	--	--	--	--
tert-Amylmethylether	8260B	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--
Tetrachloroethene	8260B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	8260B	--	--	--	--	--	--
Toluene	8260B	0.17 U	0.17 U	1	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	8260B	0.15 U	0.15 U	0.76 J	1.2	0.15 U	0.15 U
trans-1,3-Dichloropropene	8260B	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	8260B	--	--	--	--	--	--
Trichloroethene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Trichlorofluoromethane	8260B	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	8260B	--	--	--	--	--	--
Vinylchloride	8260B	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Xylenes,Total	8260B	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-33C	RD-33C	RD-34A	RD-34A	RD-34B	RD-34C	RD-34C
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-33C_012511_01	RD-33C_071211_01	RD-34A_012611_01	RD-34A_071211_01	RD-34B_012511_01	RD-34C_012411_01	RD-34C_071211_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/25/2011	7/12/2011	1/26/2011	7/12/2011	1/25/2011	1/24/2011	7/12/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	0.5 J	0.23 U	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	--	--	0.75 U	0.81 J	--	0.75 UJ	0.64 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	1.9 U	1.9 U	1.9 U	2.1 J	1.9 U	1.9 U	2.6 J
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.53 J	1.2	0.56 J	0.15 U	0.15 U
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	--	--	--	--	--	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.16 U	0.16 U	2.4	4.4	0.7 J	0.16 U	0.16 U
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-35A	RD-35B	RD-36A	RD-36B	RD-36B	RD-36B	RD-36C
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-35A_080511_01	RD-35B_080511_01	RD-36A_040711_01	RD-36B_011711_01	RD-36B_040711_01	RD-36B_080411_01	RD-36C_011711_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/5/2011	8/5/2011	4/7/2011	1/17/2011	4/7/2011	8/4/2011	1/17/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.32 UJ	1.6 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	110 J	4.2 UJ	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.54 UJ	2.7 UJ	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.44 UJ	2.2 UJ	0.22 U	0.22 U	0.22 U	0.22 U	0.44 J
1,1-Dichloroethene	**8260B**	13 J	63 J	0.23 U	0.23 U	0.23 U	0.23 U	2.1
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	0.0017 U	0.032 J	0.0017 U	--	0.0017 U	0.0017 U	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.26 UJ	1.3 UJ	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	2.2	35	0.64 U	0.75 U	0.64 U	0.64 U	2.2
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	3.8 UJ	54 J	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.32 UJ	1.6 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.38 UJ	1.9 UJ	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.32 UJ	1.6 UJ	0.16 U	0.39 J	0.34 J	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	5.4 J	1300 J	0.15 U	0.15 U	0.19 J	0.15 U	50
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.32 UJ	1.6 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	--	--	13 U	13 U	13 U	13 U	13 U
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	4 UJ	20 UJ	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	10 UJ	50 UJ	0.32 U	0.32 U	0.32 U	5 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.68 UJ	3.4 UJ	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.38 UJ	1.9 UJ	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	3.8 J	2 UJ	0.2 U	17	11	10	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.34 UJ	1.7 UJ	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.3 UJ	11 J	0.15 U	0.15 U	0.15 U	0.15 U	18
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	270 J	3.2 J	0.16 U	220	150	110	0.16 U
Trichlorofluoromethane	**8260B**	0.58 UJ	2.9 UJ	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.2 UJ	4 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-36C	RD-36C	RD-36D	RD-36D	RD-36D	RD-37	RD-37
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Field Duplicate
Sample Name:		RD-36C_040711_01	RD-36C_080411_01	RD-36D_011711_01	RD-36D_040711_01	RD-36D_080411_01	RD-37_011911_01	RD-37_011911_36
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/7/2011	8/4/2011	1/17/2011	4/7/2011	8/4/2011	1/19/2011	1/19/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.48 J	0.35 J	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	2	1.4	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	0.0017 U	0.0017 U	--	0.0017 U	0.0017 U	0.0017 U	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	2.7	2.3	0.75 U	1.2 J	0.64 U	0.75 U	0.75 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	58	49	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 U	5 U	0.32 U	0.32 U	5 U	5 U	5 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.18 J	0.17 U	0.41 J	0.38 J	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	14	7.7	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.38 J	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 U	0.41 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-37	RD-37	RD-38B	RD-38B	RD-38B	RD-38B	RD-38B
SampleType:		Primary	Primary	Primary	Field Duplicate	Primary	Primary	Field Duplicate
Sample Name:		RD-37_040811_01	RD-37_080311_01	RD-38B_020211_01	RD-38B_020211_36	RD-38B_042211_01	RD-38B_072811_01	RD-38B_072811_36
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/8/2011	8/3/2011	2/2/2011	2/2/2011	4/22/2011	7/28/2011	7/28/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	0.42 U	0.42 U	0.42 UJ	0.42 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 UJ	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 U	0.22 UJ	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	0.23 U	0.23 UJ	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 UJ	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	0.81 J	0.64 U	0.75 U	0.75 U	0.64 U	0.64 U	0.64 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	1.9 U	1.9 U	1.9 U	1.9 U	1.9 UJ	1.9 U	1.9 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.31 J	0.35 J	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 U
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	13 U	13 U	13 U	13 U	13 UJ	13 U	13 U
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	2 UJ	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 U	5 U	0.32 U	0.32 U	0.32 UJ	5 U	5 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.34 UJ	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.17 J	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	0.29 UJ	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-39A	RD-39B	RD-39B	RD-39B	RD-39B	RD-40	RD-41A
SampleType:		Primary	Primary	Primary	Field Duplicate	Primary	Primary	Primary
Sample Name:		RD-39A_011911_01	RD-39B_011911_01	RD-39B_040811_01	RD-39B_040811_36	RD-39B_080311_01	RD-40_063011_01	RD-41A_013111_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/19/2011	1/19/2011	4/8/2011	4/8/2011	8/3/2011	6/30/2011	1/31/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	3.2	0.75 U	0.64 U	0.64 U	0.64 U	0.64 U	0.75 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	10 U	1.9 U	1.9 U	1.9 U	10 U	1.9 U	1.9 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	6
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	13 U	13 U	13 U	13 U	13 U	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	5 U	5 U	0.32 U	0.32 U	5 U	0.32 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	1.9
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.16 U	0.33 J	0.41 J	0.39 J	0.39 J	0.16 U	2
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1.1
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-41A	RD-41B	RD-41B	RD-41B	RD-42	RD-43A	RD-43A
SampleType:		Primary	Primary	Primary	Field Duplicate	Primary	Primary	Primary
Sample Name:		RD-41A_041111_01	RD-41B_013111_01	RD-41B_080211_01	RD-41B_080211_36	RD-42_063011_01	RD-43A_020211_01	RD-43A_042211_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/11/2011	1/31/2011	8/2/2011	8/2/2011	6/30/2011	2/2/2011	4/22/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8260B	0.16 U	0.16 U	0.8 U	0.8 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.42 U	0.42 U	2.1 U	2.1 U	0.42 U	0.42 U	0.42 U
1,1,2-Trichloroethane	8260B	0.27 U	0.27 U	1.4 U	1.4 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	8260B	0.22 U	0.22 U	1.1 U	1.1 U	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	8260B	0.23 U	4.8	5.8	5.2	0.53 J	0.23 U	0.23 U
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	--	--	--	--	--	0.0017 U	0.0017 U
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	--	--	--	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,2-Dichloroethane	8260B	0.13 U	0.13 U	0.65 U	0.65 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	8260B	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dioxane	8260B SIM	0.64 U	0.75 U	1.3 J	0.81 J	2 U	0.75 U	0.64 U
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	--	--	--	--	--
Acetone	8260B	1.9 U	1.9 U	9.5 U	110	1.9 U	1.9 U	1.9 U
Acetonitrile	8260B	--	--	--	--	--	--	--
Acrolein	8260B	--	--	--	--	--	--	--
Acrylonitrile	8260B	--	--	--	--	--	--	--
Allylchloride	8260B	--	--	--	--	--	--	--
Benzene	8260B	0.16 U	0.16 U	0.8 U	0.8 U	0.16 U	0.16 U	0.16 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	--	--	--	--	--
Bromoform	8260B	--	--	--	--	--	--	--
Bromomethane	8260B	--	--	--	--	--	--	--
CarbonDisulfide	8260B	--	--	--	--	--	--	--
CarbonTetrachloride	8260B	0.19 U	0.19 U	0.95 U	0.95 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	8260B	--	--	--	--	--	--	--
Chloroethane	8260B	--	--	--	--	--	--	--
Chloroform	8260B	0.16 U	0.16 U	0.8 U	0.8 U	0.16 U	0.16 U	0.16 U
Chloromethane	8260B	--	--	--	--	--	--	--
Chloroprene	8260B	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	8260B	2.6	1300	1200 J	1200	0.15 U	0.15 U	0.15 U
cis-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	--	--	--	--	--
Dibromomethane	8260B	--	--	--	--	--	--	--
Dichlorodifluoromethane	8260B	--	--	--	--	--	--	--
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	--	--	--	--	--
Ethylmethacrylate	8260B	--	--	--	--	--	--	--
Ethylbenzene	8260B	0.16 U	0.16 U	0.8 U	0.8 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	--	--	--	--	--
Isobutanol	8260B	--	--	--	--	--	--	--
Isopropanol	8260B	--	--	--	--	--	13 U	13 U
Methacrylonitrile	8260B	--	--	--	--	--	--	--
Methylethylketone	8260B	2 U	2 U	10 U	10 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	8260B	--	--	--	--	--	--	--
Methylmethacrylate	8260B	--	--	--	--	--	--	--
Methyltert-butylether	8260B	--	--	--	--	--	--	--
Methylenechloride	8260B	0.32 U	0.32 U	25 U	25 U	0.32 U	0.32 U	0.32 U
m-Xylene&p-Xylene	8260B	0.34 U	0.34 U	1.7 U	1.7 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 U	0.19 U	0.95 U	0.95 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	--	--	--	--	--	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.2 U	0.2 U	1 U	1 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.17 U	0.17 U	0.85 U	0.85 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	8260B	0.23 J	110	120	120	0.15 U	0.15 U	0.15 U
trans-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	8260B	--	--	--	--	--	--	--
Trichloroethene	8260B	4.5	160	270	250	0.16 U	0.16 U	0.16 U
Trichlorofluoromethane	8260B	0.29 U	0.29 U	1.5 U	1.5 U	0.29 U	0.29 U	0.29 U
Vinylacetate	8260B	--	--	--	--	--	--	--
Vinylchloride	8260B	0.1 U	25	23	22	0.1 U	0.1 U	0.1 U
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-43A	RD-43B	RD-43B	RD-43B	RD-43C	RD-43C	RD-43C
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-43A_080511_01	RD-43B_020111_01	RD-43B_042211_01	RD-43B_080411_01	RD-43C_020211_01	RD-43C_042211_01	RD-43C_080411_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/5/2011	2/1/2011	4/22/2011	8/4/2011	2/2/2011	4/22/2011	8/4/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8260B	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.42 UJ	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,1,2-Trichloroethane	8260B	0.27 UJ	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	8260B	0.22 UJ	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	8260B	0.23 UJ	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	--	--	--	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,2-Dichloroethane	8260B	0.13 UJ	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	8260B	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dioxane	8260B SIM	0.64 U	0.75 U	0.64 U	0.64 U	0.75 U	0.64 U	0.64 U
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	--	--	--	--	--
Acetone	8260B	1.9 UJ	1.9 U	1.9 U	2.6 J	1.9 U	1.9 U	1.9 U
Acetonitrile	8260B	--	--	--	--	--	--	--
Acrolein	8260B	--	--	--	--	--	--	--
Acrylonitrile	8260B	--	--	--	--	--	--	--
Allylchloride	8260B	--	--	--	--	--	--	--
Benzene	8260B	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	--	--	--	--	--
Bromoform	8260B	--	--	--	--	--	--	--
Bromomethane	8260B	--	--	--	--	--	--	--
CarbonDisulfide	8260B	--	--	--	--	--	--	--
CarbonTetrachloride	8260B	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	8260B	--	--	--	--	--	--	--
Chloroethane	8260B	--	--	--	--	--	--	--
Chloroform	8260B	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	8260B	--	--	--	--	--	--	--
Chloroprene	8260B	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	8260B	0.15 UJ	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
cis-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	--	--	--	--	--
Dibromomethane	8260B	--	--	--	--	--	--	--
Dichlorodifluoromethane	8260B	--	--	--	--	--	--	--
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	--	--	--	--	--
Ethylmethacrylate	8260B	--	--	--	--	--	--	--
Ethylbenzene	8260B	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	--	--	--	--	--
Isobutanol	8260B	--	--	--	--	--	--	--
Isopropanol	8260B	13 UJ	13 U	13 U	13 U	13 U	13 U	13 U
Methacrylonitrile	8260B	--	--	--	--	--	--	--
Methylethylketone	8260B	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	8260B	--	--	--	--	--	--	--
Methylmethacrylate	8260B	--	--	--	--	--	--	--
Methyltert-butylether	8260B	--	--	--	--	--	--	--
Methylenechloride	8260B	0.32 UJ	0.32 U	0.32 U	5 U	0.32 U	0.32 U	5 U
m-Xylene&p-Xylene	8260B	0.34 UJ	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	--	--	--	--	--	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.17 UJ	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	8260B	0.15 UJ	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
trans-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	8260B	--	--	--	--	--	--	--
Trichloroethene	8260B	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Trichlorofluoromethane	8260B	0.29 UJ	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	8260B	--	--	--	--	--	--	--
Vinylchloride	8260B	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-43C	RD-44	RD-45A	RD-45A	RD-45A	RD-45B	RD-45B
SampleType:		Field Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-43C_080411_36	RD-44_080811_01	RD-45A_012111_01	RD-45A_042511_01	RD-45A_081011_01	RD-45B_013111_01	RD-45B_042211_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/4/2011	8/8/2011	1/21/2011	4/25/2011	8/10/2011	1/31/2011	4/22/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.24 J	0.43 J	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.7 J	0.89 J	1.1	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	0.0017 U	--	--	0.0017 U	--	--	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	0.64 U	0.64 U	1.3 J	2.4	2.4	1.2 J	1.1 J
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	1.9 U	10 U	1.9 U	8.2 J	1.9 U	1.9 U	1.9 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	73 J	69	100	39	37
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	13 U	--	13 U	13 U	13 U	13 U	13 U
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	5 U	0.32 U	0.32 U	5 U	0.32 U	0.32 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	4.4	4.8	4.6	1.9	1.9
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.16 U	0.16 U	110 J	190	340	2	1.9
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-45B	RD-45C	RD-45C	RD-46A	RD-46A	RD-46A	RD-46B
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-45B_081011_01	RD-45C_042211_01	RD-45C_081011_01	RD-46A_012511_01	RD-46A_042111_01	RD-46A_080811_01	RD-46B_012511_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/10/2011	4/22/2011	8/10/2011	1/25/2011	4/21/2011	8/8/2011	1/25/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8260B	0.16 U	0.16 U	0.16 U	16 U	16 UJ	16 U	0.16 U
1,1,2,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.42 U	0.42 U	0.42 U	42 U	42 UJ	42 U	0.42 U
1,1,2-Trichloroethane	8260B	0.27 U	0.27 U	0.27 U	27 U	27 UJ	27 U	0.27 U
1,1-Dichloroethane	8260B	0.22 U	0.22 U	0.22 U	22 U	22 UJ	22 U	0.22 U
1,1-Dichloroethene	8260B	0.23 U	0.23 U	0.23 U	23 U	23 UJ	23 U	0.23 U
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	--	0.0017 U	--	--	0.02	0.019	0.0017 U
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	--	--	--	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,2-Dichloroethane	8260B	0.13 U	0.13 U	0.13 U	13 U	13 UJ	13 U	0.13 U
1,2-Dichloropropane	8260B	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dioxane	8260B SIM	0.98 J	0.64 U	0.64 U	2.5	1.3 J	1.2 J	0.75 U
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	--	--	--	--	--
Acetone	8260B	1.9 U	1.9 U	1.9 U	190 U	190 UJ	190 U	1.9 U
Acetonitrile	8260B	--	--	--	--	--	--	--
Acrolein	8260B	--	--	--	--	--	--	--
Acrylonitrile	8260B	--	--	--	--	--	--	--
Allylchloride	8260B	--	--	--	--	--	--	--
Benzene	8260B	0.16 U	0.16 U	0.16 U	16 U	16 UJ	16 U	0.16 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	--	--	--	--	--
Bromoform	8260B	--	--	--	--	--	--	--
Bromomethane	8260B	--	--	--	--	--	--	--
CarbonDisulfide	8260B	--	--	--	--	--	--	--
CarbonTetrachloride	8260B	0.19 U	0.19 U	0.19 U	19 U	19 UJ	19 U	0.19 U
Chlorobenzene	8260B	--	--	--	--	--	--	--
Chloroethane	8260B	--	--	--	--	--	--	--
Chloroform	8260B	0.16 U	0.16 U	0.16 U	16 U	23 J	16 U	0.16 U
Chloromethane	8260B	--	--	--	--	--	--	--
Chloroprene	8260B	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	8260B	33	0.15 U	0.15 U	270	330 J	240	0.15 U
cis-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	--	--	--	--	--
Dibromomethane	8260B	--	--	--	--	--	--	--
Dichlorodifluoromethane	8260B	--	--	--	--	--	--	--
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	--	--	--	--	--
Ethylmethacrylate	8260B	--	--	--	--	--	--	--
Ethylbenzene	8260B	0.16 U	0.16 U	0.16 U	16 U	16 UJ	16 U	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	--	--	--	--	--
Isobutanol	8260B	--	--	--	--	--	--	--
Isopropanol	8260B	13 U	13 U	13 U	1300 U	1300 UJ	1300 U	13 U
Methacrylonitrile	8260B	--	--	--	--	--	--	--
Methylethylketone	8260B	2 U	2 U	2 U	200 U	200 UJ	200 U	2 U
Methylisobutylketone(MIBK)	8260B	--	--	--	--	--	--	--
Methylmethacrylate	8260B	--	--	--	--	--	--	--
Methyltert-butylether	8260B	--	--	--	--	--	--	--
Methylenechloride	8260B	0.32 U	5 U	0.32 U	500 U	32 UJ	32 U	0.32 U
m-Xylene&p-Xylene	8260B	0.34 U	0.34 U	0.34 U	34 U	34 UJ	34 U	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 U	0.19 U	0.19 U	19 U	19 UJ	19 U	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	--	--	--	--	--	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.2 U	0.2 U	0.2 U	20 U	20 UJ	20 U	0.2 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.17 U	0.17 U	0.17 U	17 U	17 UJ	17 U	0.17 U
trans-1,2-Dichloroethene	8260B	1.4	0.15 U	0.15 U	15 U	15 UJ	15 U	0.15 U
trans-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	8260B	--	--	--	--	--	--	--
Trichloroethene	8260B	1.4	0.16 U	0.16 U	24000	27000 J	32000	0.68 J
Trichlorofluoromethane	8260B	0.29 U	0.29 UJ	0.29 U	29 U	29 UJ	29 U	0.29 U
Vinylacetate	8260B	--	--	--	--	--	--	--
Vinylchloride	8260B	0.1 U	0.1 U	0.1 U	10 U	10 UJ	10 U	0.1 U
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-46B	RD-46B	RD-48A	RD-48A	RD-48A	RD-48B	RD-48B
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-46B_042111_01	RD-46B_080811_01	RD-48A_011811_01	RD-48A_040611_01	RD-48A_080111_01	RD-48B_011811_01	RD-48B_040611_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/21/2011	8/8/2011	1/18/2011	4/6/2011	8/1/2011	1/18/2011	4/6/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 UJ	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 UJ	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 UJ	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 UJ	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 UJ	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	0.64 U	0.64 U	0.75 U	2.5 U	0.64 U	0.75 U	0.64 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	1.9 UJ	10 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.15 UJ	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	13 UJ	13 U	13 U	13 U	13 U	13 U	13 U
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 UJ	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 UJ	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.4 J	1.1	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 UJ	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.87 J	5.7	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Trichlorofluoromethane	**8260B**	0.29 UJ	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-48B	RD-48C	RD-48C	RD-48C	RD-49A	RD-49A	RD-49B
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-48B_080111_01	RD-48C_020111_01	RD-48C_042211_01	RD-48C_080111_01	RD-49A_012811_01	RD-49A_041511_01	RD-49B_012111_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/1/2011	2/1/2011	4/22/2011	8/1/2011	1/28/2011	4/15/2011	1/21/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	1.6 U	0.8 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	0.42 U	0.42 U	4.2 U	2.1 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	2.7 U	1.4 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 U	2.2 U	1.1 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	0.23 U	4.5 J	3.8 J	0.7 J
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	0.0017 U	0.0017 U	0.0017 U	0.0017 U	--	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	1.3 U	0.65 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	0.64 U	0.75 U	0.64 U	0.64 U	0.75 U	0.64 U	2.3
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	6.4 J	1.9 U	1.9 U	1.9 U	19 U	9.5 U	1.9 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	1.6 U	0.8 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	1.9 U	0.95 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	1.6 U	0.8 U	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	1400	1500	240
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	1.6 U	0.8 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	13 U	13 U	13 U	13 U	--	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	20 U	10 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 U	0.32 U	0.32 U	0.32 U	3.2 U	25 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	3.4 U	1.7 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	1.9 U	0.95 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	2 U	1 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	1.7 U	0.85 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	35	63	11 J
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	970	1200	220
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	2.9 U	1.4 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 U	0.1 U	0.1 U	0.1 U	1 U	0.5 U	3.1 J
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-49B	RD-49B	RD-49C	RD-49C	RD-49C	RD-50 (Port 2)
SampleType:		Primary	Field Duplicate	Primary	Primary	Primary	Primary
Sample Name:		RD-49B_041511_01	RD-49B_041511_36	RD-49C_012111_01	RD-49C_041511_01	RD-49C_080511_01	RD-50_011911_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/15/2011	4/15/2011	1/21/2011	4/15/2011	8/5/2011	1/19/2011
Analyte (ug/L)	**Method**						
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	0.21 U	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	0.21 U	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	0.42 U	--	0.42 UJ	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 UJ	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 U	0.22 UJ	0.22 U
1,1-Dichloroethene	**8260B**	0.58 J	0.64 J	0.23 U	0.23 U	0.23 UJ	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	--	--	0.0017 U	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	0.0066 U	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	0.0036 U	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	0.15 U	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 UJ	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	0.18 U	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	0.13 U	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	0.16 U	--	--
1,4-Dioxane	**8260B SIM**	2.1	2	0.99 J	0.86 J	1.2 J	--
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	1.7 U	--	--
Acetone	**8260B**	1.9 U	1.9 U	1.9 U	1.9 U	1.9 UJ	1.9 U
Acetonitrile	**8260B**	--	--	--	9.6 U	--	--
Acrolein	**8260B**	--	--	--	2.8 U	--	--
Acrylonitrile	**8260B**	--	--	--	1.4 U	--	--
Allylchloride	**8260B**	--	--	--	0.17 U	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.55 J
Bromobenzene	**8260B**	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	0.17 U	--	--
Bromoform	**8260B**	--	--	--	0.19 U	--	--
Bromomethane	**8260B**	--	--	--	0.21 U	--	--
CarbonDisulfide	**8260B**	--	--	--	0.45 U	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U
Chlorobenzene	**8260B**	--	--	--	0.17 U	--	--
Chloroethane	**8260B**	--	--	--	0.41 U	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U
Chloromethane	**8260B**	--	--	--	0.3 U	--	--
Chloroprene	**8260B**	--	--	--	0.21 U	--	--
cis-1,2-Dichloroethene	**8260B**	240 J	230 J	51 J	40	58 J	0.15 U
cis-1,3-Dichloropropene	**8260B**	--	--	--	0.16 U	--	--
Cumene	**8260B**	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	0.17 U	--	--
Dibromomethane	**8260B**	--	--	--	0.17 U	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	0.31 U	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	3.7 U	--	--
Ethylmethacrylate	**8260B**	--	--	--	0.86 U	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	0.23 U	--	--
Isobutanol	**8260B**	--	--	--	36 U	--	--
Isopropanol	**8260B**	--	--	--	--	--	--
Methacrylonitrile	**8260B**	--	--	--	1.6 U	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	2 UJ	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	0.98 U	--	--
Methylmethacrylate	**8260B**	--	--	--	1.1 U	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 U	0.32 U	0.32 U	0.32 U	0.32 UJ	5 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.34 UJ	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	0.17 U	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ	0.56 J
trans-1,2-Dichloroethene	**8260B**	11 J	11 J	5.2 J	4.3	6.1 J	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	--	--	0.19 U	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	0.8 U	--	--
Trichloroethene	**8260B**	230 J	220 J	0.62 J	1.6	1.8 J	0.16 U
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	0.29 UJ	0.29 U
Vinylacetate	**8260B**	--	--	--	0.94 U	--	--
Vinylchloride	**8260B**	2.1 J	2.2 J	0.74 J	0.5 J	1.1 J	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-50 (Port 2)	RD-51A	RD-51A	RD-51A	RD-51B	RD-51B
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-50_072111_01	RD-51A_011811_01	RD-51A_040811_01	RD-51A_080311_01	RD-51B_012611_01	RD-51B_041311_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/21/2011	1/18/2011	4/8/2011	8/3/2011	1/26/2011	4/13/2011
Analyte (ug/L)	**Method**						
1,1,1,2-Tetrachloroethane	8260B	--	--	--	--	--	--
1,1,1-Trichloroethane	8260B	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 R	0.16 U
1,1,2,2-Tetrachloroethane	8260B	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.42 UJ	0.42 U	0.42 U	0.42 U	0.42 R	0.42 U
1,1,2-Trichloroethane	8260B	0.27 UJ	0.27 U	0.27 U	0.27 U	0.27 R	0.27 U
1,1-Dichloroethane	8260B	0.22 UJ	0.22 U	0.22 U	0.22 U	0.22 R	0.22 U
1,1-Dichloroethene	8260B	0.23 UJ	0.23 U	0.23 U	0.23 U	0.23 R	0.23 U
1,1-Dichloropropene	8260B	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	--	--	0.0017 U	0.0017 U	--	0.0017 U
1,2,3-Trichloropropane	524M	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	--	--	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	--	--	--	--
1,2-Dichloroethane	8260B	0.13 UJ	0.13 U	0.13 U	0.13 U	0.13 R	0.13 U
1,2-Dichloropropane	8260B	--	--	--	--	--	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	--	--	--	--
1,4-Dichlorobenzene	8260B	--	--	--	--	--	--
1,4-Dioxane	8260B SIM	--	0.75 U	0.64 U	0.64 U	0.75 U	0.64 U
2-Chloroethylvinylether	8260B	--	--	--	--	--	--
2-Hexanone	8260B	--	--	--	--	--	--
Acetone	8260B	1.9 UJ	1.9 U	1.9 U	1.9 U	1.9 R	1.9 U
Acetonitrile	8260B	--	--	--	--	--	--
Acrolein	8260B	--	--	--	--	--	--
Acrylonitrile	8260B	--	--	--	--	--	--
Allylchloride	8260B	--	--	--	--	--	--
Benzene	8260B	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 R	0.16 U
Bromobenzene	8260B	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	--	--	--	--
Bromoform	8260B	--	--	--	--	--	--
Bromomethane	8260B	--	--	--	--	--	--
CarbonDisulfide	8260B	--	--	--	--	--	--
CarbonTetrachloride	8260B	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 R	0.19 U
Chlorobenzene	8260B	--	--	--	--	--	--
Chloroethane	8260B	--	--	--	--	--	--
Chloroform	8260B	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 R	0.16 U
Chloromethane	8260B	--	--	--	--	--	--
Chloroprene	8260B	--	--	--	--	--	--
cis-1,2-Dichloroethene	8260B	0.15 UJ	5.6	4.6	4.9	4.1 J	4.2
cis-1,3-Dichloropropene	8260B	--	--	--	--	--	--
Cumene	8260B	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	--	--	--	--
Dibromomethane	8260B	--	--	--	--	--	--
Dichlorodifluoromethane	8260B	--	--	--	--	--	--
Diisopropylether	8260B	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	--	--	--	--
Ethylmethacrylate	8260B	--	--	--	--	--	--
Ethylbenzene	8260B	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 R	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--
Iodomethane	8260B	--	--	--	--	--	--
Isobutanol	8260B	--	--	--	--	--	--
Isopropanol	8260B	--	13 U	13 U	13 U	13 R	13 U
Methacrylonitrile	8260B	--	--	--	--	--	--
Methylethylketone	8260B	2 UJ	2 U	2 U	2 U	2 R	2 U
Methylisobutylketone(MIBK)	8260B	--	--	--	--	--	--
Methylmethacrylate	8260B	--	--	--	--	--	--
Methyltert-butylether	8260B	--	--	--	--	--	--
Methylenechloride	8260B	0.32 UJ	0.32 U	0.32 U	5 U	0.32 R	0.32 U
m-Xylene&p-Xylene	8260B	0.34 UJ	0.34 U	0.34 U	0.34 U	0.34 R	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--
o-Xylene	8260B	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 R	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--
Styrene	8260B	--	--	--	--	--	--
tert-Amylmethylether	8260B	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--
Tetrachloroethene	8260B	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 R	0.2 U
Tetrahydrofuran	8260B	--	--	--	--	--	--
Toluene	8260B	0.17 UJ	0.17 U	0.17 U	0.17 U	0.17 R	0.17 U
trans-1,2-Dichloroethene	8260B	0.15 UJ	0.3 J	0.27 J	0.15 U	0.36 J	0.36 J
trans-1,3-Dichloropropene	8260B	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	8260B	--	--	--	--	--	--
Trichloroethene	8260B	0.16 UJ	7.1	6.1	5.5	2.6 J	2.5
Trichlorofluoromethane	8260B	0.29 UJ	0.29 U	0.29 U	0.29 U	0.29 R	0.29 U
Vinylacetate	8260B	--	--	--	--	--	--
Vinylchloride	8260B	0.1 UJ	0.1 U	0.1 U	0.1 U	1.9 J	2.1
Xylenes,Total	8260B	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-51B	RD-51C	RD-51C	RD-51C	RD-52A	RD-52A	RD-52A
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-51B_080311_01	RD-51C_012611_01	RD-51C_041311_01	RD-51C_080311_01	RD-52A_012111_01	RD-52A_042011_01	RD-52A_071811_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/3/2011	1/26/2011	4/13/2011	8/3/2011	1/21/2011	4/20/2011	7/18/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.64 U	0.16 U	0.64 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	0.42 U	0.42 U	1.7 U	0.42 U	1.7 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	1.1 U	0.27 U	1.1 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 U	3.3 J	2.6 J	2.9 J
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	0.23 U	8.3	6.9 J	8.5
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	0.0017 U	--	0.0017 U	0.0017 U	--	0.0017 U	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.52 U	0.13 U	0.52 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	0.64 U	0.75 U	0.64 U	0.64 U	4	2.5	2.5
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	10 U	1.9 U	1.9 U	10 U	7.6 U	1.9 U	40 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.64 U	0.16 U	0.64 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.76 U	0.19 U	0.76 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.64 U	0.16 U	0.64 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	3.9	0.15 U	0.15 U	0.15 U	450	360	360 J
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.64 U	0.16 U	0.64 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	13 U	13 U	13 U	13 U	52 U	13 U	52 U
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	8 U	2 U	8 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 U	0.32 U	0.32 U	5 U	1.3 U	0.32 U	1.3 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	1.4 U	0.34 U	1.4 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.76 U	0.19 U	0.76 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.8 U	0.2 U	0.8 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.68 U	0.17 U	0.68 U
trans-1,2-Dichloroethene	**8260B**	0.37 J	0.15 U	0.15 U	0.15 U	100	67	86 J
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	2.5	0.16 U	0.16 U	0.16 U	1000	810	1200
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	1.2 U	0.29 U	1.2 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	2.3	0.1 U	0.1 U	0.1 U	41	23 J	31
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-52B	RD-52B	RD-52B	RD-52C	RD-52C	RD-52C	RD-53
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-52B_013111_01	RD-52B_042011_01	RD-52B_071511_01	RD-52C_013111_01	RD-52C_042011_01	RD-52C_071311_01	RD-53_042511_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/31/2011	4/20/2011	7/15/2011	1/31/2011	4/20/2011	7/13/2011	4/25/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.99 J
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.3 J
1,1-Dichloroethene	**8260B**	0.23 U	0.39 J	0.35 J	0.23 U	0.23 U	0.23 U	3.1
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	0.0017 U	0.0017 U	--	0.0017 U	0.0017 U	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	1.3 J	1.4 J	1 J	0.96 J	1.1 J	1.2 J	4.4
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	1.9 U	2.4 J	1.9 U	1.9 U	1.9 U	1.9 U	14
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	33	47	44 J	0.15 U	0.15 U	0.15 U	1.3
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.33 J
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	12	21	20 J	0.15 U	0.15 U	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	1.5	3.2	2.3 J	0.16 U	0.16 U	0.16 U	51
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.98 J	1.5	1.4 J	0.1 U	0.1 U	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-53	RD-54A (Port 2)	RD-55A	RD-55A	RD-55A	RD-55B
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-53_071811_01	RD-54A_072111_01	RD-55A_011411_01	RD-55A_042611_01	RD-55A_072611_01	RD-55B_011411_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/18/2011	7/21/2011	1/14/2011	4/26/2011	7/26/2011	1/14/2011
Analyte (ug/L)	**Method**						
1,1,1,2-Tetrachloroethane	8260B	--	--	--	--	--	--
1,1,1-Trichloroethane	8260B	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 UJ
1,1,2,2-Tetrachloroethane	8260B	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	1.9 J	0.42 U	0.42 UJ	0.42 U	0.42 U	0.42 UJ
1,1,2-Trichloroethane	8260B	0.27 U	0.27 U	0.27 UJ	0.27 U	0.27 U	0.27 UJ
1,1-Dichloroethane	8260B	1	0.22 U	0.22 UJ	0.22 U	0.22 U	0.22 UJ
1,1-Dichloroethene	8260B	6.2	0.23 U	0.23 UJ	0.23 U	0.23 U	0.23 UJ
1,1-Dichloropropene	8260B	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	0.0017 U	--	--	--	--	--
1,2,3-Trichloropropane	524M	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	--	--	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	--	--	--	--
1,2-Dichloroethane	8260B	0.13 U	0.13 U	0.13 UJ	0.13 U	0.13 U	0.13 UJ
1,2-Dichloropropane	8260B	--	--	--	--	--	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	--	--	--	--
1,4-Dichlorobenzene	8260B	--	--	--	--	--	--
1,4-Dioxane	8260B SIM	5.7	--	0.75 U	0.64 U	0.64 U	0.75 U
2-Chloroethylvinylether	8260B	--	--	--	--	--	--
2-Hexanone	8260B	--	--	--	--	--	--
Acetone	8260B	10 U	1.9 U	1.9 UJ	1.9 U	10 UJ	1.9 UJ
Acetonitrile	8260B	--	--	--	--	--	--
Acrolein	8260B	--	--	--	--	--	--
Acrylonitrile	8260B	--	--	--	--	--	--
Allylchloride	8260B	--	--	--	--	--	--
Benzene	8260B	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 UJ
Bromobenzene	8260B	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	--	--	--	--
Bromoform	8260B	--	--	--	--	--	--
Bromomethane	8260B	--	--	--	--	--	--
CarbonDisulfide	8260B	--	--	--	--	--	--
CarbonTetrachloride	8260B	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 UJ
Chlorobenzene	8260B	--	--	--	--	--	--
Chloroethane	8260B	--	--	--	--	--	--
Chloroform	8260B	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 UJ
Chloromethane	8260B	--	--	--	--	--	--
Chloroprene	8260B	--	--	--	--	--	--
cis-1,2-Dichloroethene	8260B	4.9	10	1.3 J	0.5 J	0.15 U	9.9 J
cis-1,3-Dichloropropene	8260B	--	--	--	--	--	--
Cumene	8260B	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	--	--	--	--
Dibromomethane	8260B	--	--	--	--	--	--
Dichlorodifluoromethane	8260B	--	--	--	--	--	--
Diisopropylether	8260B	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	--	--	--	--
Ethylmethacrylate	8260B	--	--	--	--	--	--
Ethylbenzene	8260B	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 UJ
Hexachlorobutadiene	8260B	--	--	--	--	--	--
Iodomethane	8260B	--	--	--	--	--	--
Isobutanol	8260B	--	--	--	--	--	--
Isopropanol	8260B	13 U	--	13 UJ	13 U	13 U	13 UJ
Methacrylonitrile	8260B	--	--	--	--	--	--
Methylethylketone	8260B	2 U	2 U	2 UJ	2 U	2 U	2 UJ
Methylisobutylketone(MIBK)	8260B	--	--	--	--	--	--
Methylmethacrylate	8260B	--	--	--	--	--	--
Methyltert-butylether	8260B	--	--	--	--	--	--
Methylenechloride	8260B	0.32 U	0.32 U	0.32 UJ	0.32 U	0.32 U	0.32 UJ
m-Xylene&p-Xylene	8260B	0.34 U	0.34 U	0.34 UJ	0.34 U	0.34 U	0.34 UJ
n-Butylbenzene	8260B	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--
o-Xylene	8260B	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 UJ
p-Chlorotoluene	8260B	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--
Styrene	8260B	--	--	--	--	--	--
tert-Amylmethylether	8260B	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--
Tetrachloroethene	8260B	0.27 J	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 UJ
Tetrahydrofuran	8260B	--	--	--	--	--	--
Toluene	8260B	0.17 U	0.17 U	0.17 UJ	0.17 U	0.17 U	0.17 UJ
trans-1,2-Dichloroethene	8260B	0.16 J	0.15 U	0.15 UJ	0.15 U	0.15 U	0.15 UJ
trans-1,3-Dichloropropene	8260B	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	8260B	--	--	--	--	--	--
Trichloroethene	8260B	140 J	3.8	0.56 J	0.48 J	0.16 U	9.4 J
Trichlorofluoromethane	8260B	0.29 U	0.29 U	0.29 UJ	0.29 U	0.29 U	0.29 UJ
Vinylacetate	8260B	--	--	--	--	--	--
Vinylchloride	8260B	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ
Xylenes,Total	8260B	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-55B	RD-55B	RD-56A	RD-56B	RD-57 (Port 7)	RD-57 (Port 7)
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-55B_042611_01	RD-55B_072911_01	RD-56A_071311_01	RD-56B_071311_01	RD-57_011911_01	RD-57_072211_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/26/2011	7/29/2011	7/13/2011	7/13/2011	1/19/2011	7/22/2011
Analyte (ug/L)	**Method**						
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	1.3	0.23 U	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	--	0.0017 U	0.0017 U	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	0.64 U	0.64 U	--	--	--	--
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--
Acetone	**8260B**	1.9 U	10 UJ	1.9 U	6.2 J	10 U	1.9 U
Acetonitrile	**8260B**	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	1.1	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	7.8	8 J	280	0.15 U	0.15 U	0.15 U
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--
Isopropanol	**8260B**	13 U	13 U	--	--	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 U	0.32 U	0.32 U	5 U	5 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	1.1	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	12	0.15 U	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--
Trichloroethene	**8260B**	12	8.4 J	460	0.16 U	0.16 U	0.16 U
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 U	0.1 U	0.56 J	0.1 U	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-58A	RD-58A	RD-58A	RD-58A	RD-58A	RD-58B	RD-58B
SampleType:		Primary	Split	Primary	Primary	Field Duplicate	Primary	Primary
Sample Name:		RD-58A_011411_01	RD-58A_011411_03	RD-58A_040611_01	RD-58A_072511_01	RD-58A_072511_36	RD-58B_011411_01	RD-58B_040611_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/14/2011	1/14/2011	4/6/2011	7/25/2011	7/25/2011	1/14/2011	4/6/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8260B	0.16 UJ	0.3 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U
1,1,2,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	1.9 J	2 J	2.9 J	4.1 J	4 J	0.42 UJ	0.42 U
1,1,2-Trichloroethane	8260B	0.27 UJ	0.3 U	0.27 U	0.27 U	0.27 U	0.27 UJ	0.27 U
1,1-Dichloroethane	8260B	0.22 UJ	0.4 U	0.22 U	0.22 U	0.22 U	0.22 UJ	0.22 U
1,1-Dichloroethene	8260B	0.23 UJ	0.42 U	0.23 U	0.23 U	0.23 U	0.23 UJ	0.23 U
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	--	--	--	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,2-Dichloroethane	8260B	0.13 UJ	0.28 U	0.13 U	0.13 U	0.13 U	0.13 UJ	0.13 U
1,2-Dichloropropane	8260B	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dioxane	8260B SIM	0.75 U	1 U	0.64 U	0.64 U	0.64 U	0.75 U	0.64 U
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	--	--	--	--	--
Acetone	8260B	1.9 UJ	4.5 U	1.9 U	10 UJ	10 U	1.9 UJ	1.9 U
Acetonitrile	8260B	--	--	--	--	--	--	--
Acrolein	8260B	--	--	--	--	--	--	--
Acrylonitrile	8260B	--	--	--	--	--	--	--
Allylchloride	8260B	--	--	--	--	--	--	--
Benzene	8260B	0.16 UJ	0.28 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	--	--	--	--	--
Bromoform	8260B	--	--	--	--	--	--	--
Bromomethane	8260B	--	--	--	--	--	--	--
CarbonDisulfide	8260B	--	--	--	--	--	--	--
CarbonTetrachloride	8260B	0.19 UJ	0.28 U	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U
Chlorobenzene	8260B	--	--	--	--	--	--	--
Chloroethane	8260B	--	--	--	--	--	--	--
Chloroform	8260B	0.16 UJ	0.33 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U
Chloromethane	8260B	--	--	--	--	--	--	--
Chloroprene	8260B	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	8260B	2.2 J	2.6	2.2	1.9 J	1.8	0.15 UJ	0.15 U
cis-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	--	--	--	--	--
Dibromomethane	8260B	--	--	--	--	--	--	--
Dichlorodifluoromethane	8260B	--	--	--	--	--	--	--
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	--	--	--	--	--
Ethylmethacrylate	8260B	--	--	--	--	--	--	--
Ethylbenzene	8260B	0.16 UJ	0.25 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	--	--	--	--	--
Isobutanol	8260B	--	--	--	--	--	--	--
Isopropanol	8260B	13 UJ	50 U	13 U	13 U	13 U	13 UJ	13 U
Methacrylonitrile	8260B	--	--	--	--	--	--	--
Methylethylketone	8260B	2 UJ	4.7 U	2 U	2 U	2 U	2 UJ	2 U
Methylisobutylketone(MIBK)	8260B	--	--	--	--	--	--	--
Methylmethacrylate	8260B	--	--	--	--	--	--	--
Methyltert-butylether	8260B	--	--	--	--	--	--	--
Methylenechloride	8260B	5 UJ	0.95 U	0.32 U	0.32 U	0.32 U	5 UJ	0.32 U
m-Xylene&p-Xylene	8260B	0.34 UJ	0.6 U	0.34 U	0.34 U	0.34 U	0.34 UJ	0.34 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 UJ	0.3 U	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	--	--	--	--	--	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.2 UJ	0.32 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.17 UJ	0.36 U	0.17 U	0.17 U	0.17 U	0.17 UJ	0.17 U
trans-1,2-Dichloroethene	8260B	0.15 UJ	0.3 U	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U
trans-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	8260B	--	--	--	--	--	--	--
Trichloroethene	8260B	110 J	120	140	100	120 J	0.16 UJ	0.16 U
Trichlorofluoromethane	8260B	0.29 UJ	0.34 U	0.29 U	0.29 U	0.29 U	0.29 UJ	0.29 U
Vinylacetate	8260B	--	--	--	--	--	--	--
Vinylchloride	8260B	0.1 UJ	0.4 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-58B	RD-58C	RD-58C	RD-58C	RD-58C	RD-59A	RD-59A
SampleType:		Primary	Primary	Field Duplicate	Primary	Primary	Primary	Primary
Sample Name:		RD-58B_072511_01	RD-58C_011411_01	RD-58C_011411_36	RD-58C_040611_01	RD-58C_072511_01	RD-59A_011211_01	RD-59A_071111_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/25/2011	1/14/2011	1/14/2011	4/6/2011	7/25/2011	1/12/2011	7/11/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 UJ	0.16 UJ	0.16 UJ	0.16 U	0.16 UJ	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 UJ	0.42 UJ	0.42 UJ	0.42 U	0.42 UJ	0.42 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 UJ	0.27 UJ	0.27 UJ	0.27 U	0.27 UJ	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 UJ	0.22 UJ	0.22 UJ	0.22 U	0.22 UJ	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 UJ	0.23 UJ	0.23 UJ	0.23 U	0.23 UJ	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 UJ	0.13 UJ	0.13 UJ	0.13 U	0.13 UJ	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	0.64 U	0.75 U	0.75 U	0.64 U	0.64 U	--	--
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	10 UJ	1.9 UJ	1.9 UJ	1.9 U	10 UJ	1.9 U	10 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 UJ	0.16 UJ	0.16 UJ	0.16 U	0.16 UJ	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 UJ	0.19 UJ	0.19 UJ	0.19 U	0.19 UJ	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 UJ	0.16 UJ	0.16 UJ	0.16 U	0.16 UJ	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.15 UJ	0.58 J	0.59 J	0.62 J	0.59 J	0.15 U	0.15 U
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 UJ	0.16 UJ	0.16 UJ	0.16 U	0.16 UJ	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	13 UJ	13 UJ	13 UJ	13 U	13 UJ	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 UJ	2 UJ	2 UJ	2 U	2 UJ	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 UJ	0.32 UJ	5 UJ	0.32 U	0.32 UJ	0.32 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 UJ	0.34 UJ	0.34 UJ	0.34 U	0.34 UJ	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 UJ	0.19 UJ	0.19 UJ	0.19 U	0.19 UJ	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	0.2 UJ	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 UJ	0.17 UJ	0.17 UJ	0.17 U	0.17 UJ	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 UJ	0.15 UJ	0.15 UJ	0.15 U	0.15 UJ	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.16 UJ	0.16 UJ	0.16 UJ	0.16 U	0.16 UJ	0.16 U	0.16 U
Trichlorofluoromethane	**8260B**	0.29 UJ	0.29 UJ	0.29 UJ	0.29 U	0.29 UJ	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 UJ	0.59 J	0.61 J	0.73 J	1 J	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-59B	RD-59B	RD-59B	RD-59C	RD-59C	RD-60	RD-61
SampleType:		Primary	Field Duplicate	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-59B_011211_01	RD-59B_011211_36	RD-59B_071111_01	RD-59C_011211_01	RD-59C_071111_01	RD-60_071811_01	RD-61_020111_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/12/2011	1/12/2011	7/11/2011	1/12/2011	7/11/2011	7/18/2011	2/1/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 UJ	0.42 U	0.42 U	0.42 U	0.42 UJ	0.42 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 UJ	0.27 U	0.27 U	0.27 U	0.27 UJ	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 UJ	0.22 U	0.22 U	0.22 U	0.22 UJ	2.3	0.22 U
1,1-Dichloroethene	**8260B**	0.23 UJ	0.23 U	0.23 U	0.23 U	0.23 UJ	1.7	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	--	--	--	--	0.035	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 UJ	0.13 U	0.13 U	0.13 U	0.13 UJ	3.3	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	--	--	--	--	--	--	0.75 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	1.9 UJ	1.9 U	10 U	1.9 U	10 UJ	6 J	1.9 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.15 UJ	0.15 U	0.15 U	0.15 U	0.15 UJ	41	0.15 U
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	--	--	--	--	--	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 UJ	2 U	2 U	2 U	2 UJ	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 UJ	0.32 U	0.32 U	0.32 U	0.32 UJ	0.32 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 UJ	0.34 U	0.34 U	0.34 U	0.34 UJ	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 UJ	0.17 U	0.17 U	0.17 U	0.17 UJ	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 UJ	0.15 U	0.15 U	0.15 U	0.15 UJ	1.2	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 UJ	220 J	0.16 U
Trichlorofluoromethane	**8260B**	0.29 UJ	0.29 U	0.29 U	0.29 U	0.29 UJ	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-61	RD-62	RD-62	RD-63	RD-66	RD-66	RD-67
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-61_072811_01	RD-62_013111_01	RD-62_072811_01	RD-63_071811_01	RD-66_020211_01	RD-66_080411_01	RD-67_011311_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/28/2011	1/31/2011	7/28/2011	7/18/2011	2/2/2011	8/4/2011	1/13/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	0.42 U	0.42 UJ	0.42 U	0.42 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 UJ	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.46 J	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	0.67 J	0.23 U	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	0.0017 U	0.0017 U	0.0017 U	--	0.0017 U	0.0017 U	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 UJ	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	0.64 U	0.75 U	0.64 U	1.2 J	0.75 U	0.64 U	0.75 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	1.9 U	1.9 U	1.9 U	1.9 UJ	1.9 U	1.9 U	12
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	2.9 J	0.15 U	0.15 U	0.15 U
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	--	--	--	--	--	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 UJ	2 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	5 U	0.32 U	5 U	0.32 UJ	0.32 U	5 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 UJ	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 UJ	0.17 U	0.17 U	0.33 J
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.16 U	0.16 U	0.16 U	5.7 J	0.16 U	0.16 U	0.16 U
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 UJ	0.29 U	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-67	RD-68A	RD-68A	RD-68A	RD-68B	RD-68B	RD-68B
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-67_071911_01	RD-68A_011211_01	RD-68A_041811_01	RD-68A_071111_01	RD-68B_011211_01	RD-68B_041811_01	RD-68B_071111_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/19/2011	1/12/2011	4/18/2011	7/11/2011	1/12/2011	4/18/2011	7/11/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	0.42 U	0.42 U	0.42 UJ	0.42 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 UJ	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 U	0.22 UJ	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	0.23 U	0.23 UJ	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	0.0017 U	--	0.0017 U	0.0017 U	--	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 UJ	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	0.64 U	0.75 U	0.64 U	0.64 U	0.75 U	0.64 U	0.64 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	2.9 UJ	1.9 U	1.9 U	10 UJ	1.9 UJ	1.9 U	10 U
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 UJ	0.16 UJ	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U	0.4 J
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	--	--	--	--	--	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	2 UJ	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 U	0.32 U	0.32 U	0.32 U	0.32 UJ	0.32 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.34 UJ	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	0.29 UJ	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-69	RD-69	RD-69	RD-70	RD-70	RD-71	RD-71
SampleType:		Primary	Primary	Field Duplicate	Primary	Primary	Primary	Primary
Sample Name:		RD-69_020111_01	RD-69_072611_01	RD-69_072611_36	RD-70_012511_01	RD-70_072811_01	RD-71_020411_01	RD-71_080511_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/1/2011	7/26/2011	7/26/2011	1/25/2011	7/28/2011	2/4/2011	8/5/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 UJ
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 UJ
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 UJ
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 UJ
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	--	--	--	--	0.0017 U	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 UJ
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	0.75 U	0.64 U	0.64 U	--	--	0.75 U	0.64 U
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	1.9 U	10 UJ	7.2 J	1.9 U	1.9 U	1.9 U	1.9 UJ
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	--	--	--	--	--	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 U	0.32 U	0.32 U	0.32 U	5 U	0.32 U	0.32 UJ
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 UJ
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 UJ
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-73	RD-73	RD-77	RD-77	RD-77	RD-78	RD-78
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-73_011311_01	RD-73_072811_01	RD-77_020211_01	RD-77_042211_01	RD-77_072711_01	RD-78_020411_01	RD-78_080511_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/13/2011	7/28/2011	2/2/2011	4/22/2011	7/27/2011	2/4/2011	8/5/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	5.6 J	8 U	0.32 U	1.6 U	--	0.16 U	0.16 UJ
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	61 J	50 J	8.9 J	6.4 J	--	0.42 U	0.42 UJ
1,1,2-Trichloroethane	**8260B**	9 U	14 U	0.54 U	2.7 U	--	0.27 U	0.27 UJ
1,1-Dichloroethane	**8260B**	31 J	18 J	6.6	5.8 J	--	0.22 U	0.22 UJ
1,1-Dichloroethene	**8260B**	1000	660	64	84 J	--	0.23 U	0.23 UJ
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	--	--	0.0017 U	0.0017 U	0.0017 U	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	4.3 U	6.5 U	0.26 U	1.3 U	--	0.13 U	0.13 UJ
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	--	--	0.75 U	22	--	11	10
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	63 U	95 U	3.8 U	19 U	--	1.9 U	10 UJ
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	9.9 J	8 U	0.32 U	1.6 U	--	0.16 U	0.16 UJ
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	6.3 U	9.5 U	0.38 U	1.9 U	--	0.19 U	0.19 UJ
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	7.1 J	8 U	1.6 J	3 J	--	0.16 U	0.16 UJ
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	190	280	120	140 J	--	0.15 U	0.15 UJ
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	5.3 U	8 U	0.32 U	1.6 U	--	0.16 U	0.16 UJ
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	--	--	26 U	130 U	--	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	67 U	100 U	4 U	20 U	--	2 U	2 UJ
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	11 U	32 J	10 U	3.2 U	--	0.32 U	0.32 UJ
m-Xylene&p-Xylene	**8260B**	11 U	17 U	0.68 U	3.4 U	--	0.34 U	0.34 UJ
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	6.3 U	9.5 U	0.38 U	1.9 U	--	0.19 U	0.19 UJ
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	6.7 U	10 U	0.74 J	2 U	--	0.2 U	0.2 UJ
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	5.7 U	8.5 U	0.34 U	1.7 U	--	0.17 U	0.17 UJ
trans-1,2-Dichloroethene	**8260B**	5 U	7.5 U	7.7	1.5 U	--	0.15 U	0.15 UJ
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	6600	13000	3300	3000 J	--	0.33 J	0.16 UJ
Trichlorofluoromethane	**8260B**	9.7 U	15 U	0.58 U	2.9 U	--	0.29 U	0.29 UJ
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	3.3 U	5 U	0.2 U	1 U	--	0.1 U	0.1 UJ
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-81	RD-82	RD-83	RD-83	RD-85	RD-85	RD-85
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Field Duplicate
Sample Name:		RD-81_071211_01	RD-82_012611_01	RD-83_012611_01	RD-83_071111_01	RD-85_011411_01	RD-85_071411_01	RD-85_071411_36
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/12/2011	1/26/2011	1/26/2011	7/11/2011	1/14/2011	7/14/2011	7/14/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 UJ	0.42 U	0.42 U	0.42 UJ	0.42 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 UJ	0.27 U	0.27 U	0.27 UJ	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 UJ	0.22 U	0.22 U	0.22 UJ	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 UJ	0.23 U	0.23 U	0.23 UJ	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 UJ	0.13 U	0.13 U	0.13 UJ	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	0.64 U	0.75 U	--	--	0.8 J	0.64 U	0.87 J
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	1.9 U	1.9 UJ	1.9 U	10 U	1.9 UJ	2.3 J	4.5 J
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.15 U	0.15 UJ	0.35 J	0.35 J	0.15 UJ	0.15 U	0.15 U
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	--	--	--	--	--	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 UJ	2 U	2 U	2 UJ	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 U	0.32 UJ	0.32 U	0.32 U	0.32 UJ	0.32 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 UJ	0.34 U	0.34 U	0.34 UJ	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 UJ	0.17 U	0.17 U	0.17 UJ	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 UJ	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.99 J	0.31 J	0.36 J	0.16 U	0.16 UJ	0.16 U	0.16 U
Trichlorofluoromethane	**8260B**	0.29 U	0.29 UJ	0.29 U	0.29 U	0.29 UJ	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-86	RD-86	RD-96	RD-96	RS-07	RS-07	RS-08
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-86_011411_01	RD-86_071311_01	RD-96_011211_01	RD-96_071311_01	RS-07_020111_01	RS-07_042111_01	RS-08_012611_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/14/2011	7/13/2011	1/12/2011	7/13/2011	2/1/2011	4/21/2011	1/26/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8260B	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ
1,1,2,2-Tetrachloroethane	8260B	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	0.42 UJ	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 UJ
1,1,2-Trichloroethane	8260B	0.27 UJ	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 UJ
1,1-Dichloroethane	8260B	0.22 UJ	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 UJ
1,1-Dichloroethene	8260B	0.23 UJ	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 UJ
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	--	--	--	--	--	0.0017 U	--
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	--	--	--	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,2-Dichloroethane	8260B	0.13 UJ	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 UJ
1,2-Dichloropropane	8260B	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dichlorobenzene	8260B	--	--	--	--	--	--	--
1,4-Dioxane	8260B SIM	--	--	--	--	0.75 U	0.64 U	0.75 U
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	--	--	--	--	--
Acetone	8260B	1.9 UJ	2.4 J	1.9 U	1.9 U	1.9 U	1.9 U	1.9 UJ
Acetonitrile	8260B	--	--	--	--	--	--	--
Acrolein	8260B	--	--	--	--	--	--	--
Acrylonitrile	8260B	--	--	--	--	--	--	--
Allylchloride	8260B	--	--	--	--	--	--	--
Benzene	8260B	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	--	--	--	--	--
Bromoform	8260B	--	--	--	--	--	--	--
Bromomethane	8260B	--	--	--	--	--	--	--
CarbonDisulfide	8260B	--	--	--	--	--	--	--
CarbonTetrachloride	8260B	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ
Chlorobenzene	8260B	--	--	--	--	--	--	--
Chloroethane	8260B	--	--	--	--	--	--	--
Chloroform	8260B	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ
Chloromethane	8260B	--	--	--	--	--	--	--
Chloroprene	8260B	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	8260B	0.15 UJ	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ
cis-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	--	--	--	--	--
Dibromomethane	8260B	--	--	--	--	--	--	--
Dichlorodifluoromethane	8260B	--	--	--	--	--	--	--
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	--	--	--	--	--
Ethylmethacrylate	8260B	--	--	--	--	--	--	--
Ethylbenzene	8260B	0.16 UJ	0.16 U	0.18 J	0.76 J	0.16 U	0.16 U	0.16 UJ
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	--	--	--	--	--
Isobutanol	8260B	--	--	--	--	--	--	--
Isopropanol	8260B	--	--	--	--	13 U	13 U	--
Methacrylonitrile	8260B	--	--	--	--	--	--	--
Methylethylketone	8260B	2 UJ	2 U	2 U	2 U	2 U	2 U	2 UJ
Methylisobutylketone(MIBK)	8260B	--	--	--	--	--	--	--
Methylmethacrylate	8260B	--	--	--	--	--	--	--
Methyltert-butylether	8260B	--	--	--	--	--	--	--
Methylenechloride	8260B	5 UJ	5 U	0.32 U	5 U	0.32 U	0.32 U	0.32 UJ
m-Xylene&p-Xylene	8260B	0.34 UJ	0.34 U	0.85 J	3.8	0.34 U	0.34 U	0.34 UJ
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 UJ	0.19 U	0.3 J	1.3	0.19 U	0.19 U	0.19 UJ
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	--	--	--	--	--	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.17 UJ	0.17 U	1.1	2.5	0.17 U	0.17 U	0.17 UJ
trans-1,2-Dichloroethene	8260B	0.15 UJ	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ
trans-1,3-Dichloropropene	8260B	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	8260B	--	--	--	--	--	--	--
Trichloroethene	8260B	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.33 J
Trichlorofluoromethane	8260B	0.29 UJ	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 UJ
Vinylacetate	8260B	--	--	--	--	--	--	--
Vinylchloride	8260B	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RS-08	RS-08	RS-13	RS-15	RS-15	RS-17	RS-18	RS-20
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RS-08_041311_01	RS-08_072911_01	RS-13_042811_01	RS-15_011311_01	RS-15_011711_01	RS-17_011311_01	RS-18_071411_01	RS-20_080911_01A
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/13/2011	7/29/2011	4/28/2011	1/13/2011	1/17/2011	1/13/2011	7/14/2011	8/9/2011
Analyte (ug/L)	**Method**								
1,1,1,2-Tetrachloroethane	**8260B**	0.21 U	--	0.21 UJ	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	18 J	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	0.21 U	--	0.21 UJ	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	--	0.42 U	--	0.42 U	0.6 J	0.42 U	4.9 J	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 UJ	0.27 U	0.27 U	0.27 U	0.71 J	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 UJ	0.22 U	0.22 U	0.22 U	52 J	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 UJ	0.25 J	0.37 J	0.23 U	120 J	0.23 U
1,1-Dichloropropene	**8260B**	--	--	0.19 UJ	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	0.21 UJ	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	0.0017 U	--	--	--	--	--	--	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	0.33 UJ	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	0.21 UJ	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	0.15 UJ	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	0.0066 U	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	0.47 UJ	--	--	--	--	--
1,2-Dibromoethane	**504.1**	0.0036 U	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	0.18 UJ	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	0.15 U	--	0.15 UJ	--	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 UJ	0.13 U	0.13 U	0.13 U	0.26 U	0.13 U
1,2-Dichloropropane	**8260B**	0.18 U	--	0.18 UJ	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	0.16 UJ	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	0.13 U	--	0.13 UJ	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	0.16 U	--	0.16 UJ	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	0.64 U	0.64 U	0.64 U	--	--	--	--	0.64 U
2-Chloroethylvinylether	**8260B**	--	--	0.31 U	--	--	--	--	--
2-Hexanone	**8260B**	1.7 U	--	1.7 UJ	--	--	--	--	--
Acetone	**8260B**	1.9 U	1.9 U	1.9 UJ	1.9 U	1.9 U	1.9 U	3.8 U	1.9 U
Acetonitrile	**8260B**	9.6 U	--	--	--	--	--	--	--
Acrolein	**8260B**	2.8 U	--	2.8 U	--	--	--	--	--
Acrylonitrile	**8260B**	1.4 U	--	1.4 U	--	--	--	--	--
Allylchloride	**8260B**	0.17 U	--	--	--	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.77 J	0.16 U
Bromobenzene	**8260B**	--	--	0.17 UJ	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	0.1 UJ	--	--	--	--	--
Bromodichloromethane	**8260B**	0.17 U	--	0.17 UJ	--	--	--	--	--
Bromoform	**8260B**	0.19 U	--	0.19 UJ	--	--	--	--	--
Bromomethane	**8260B**	0.21 U	--	0.21 UJ	--	--	--	--	--
CarbonDisulfide	**8260B**	0.45 U	--	0.45 UJ	--	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.38 U	0.19 U
Chlorobenzene	**8260B**	0.17 U	--	0.17 UJ	--	--	--	--	--
Chloroethane	**8260B**	0.41 U	--	0.41 UJ	--	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	2.9 UJ	0.16 U
Chloromethane	**8260B**	0.3 U	--	0.3 UJ	--	--	--	--	--
Chloroprene	**8260B**	0.21 U	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.5 J	7.2 J	0.15 UJ	13	9.5	0.15 U	12 J	0.15 U
cis-1,3-Dichloropropene	**8260B**	0.16 U	--	0.16 UJ	--	--	--	--	--
Cumene	**8260B**	--	--	0.19 UJ	--	--	--	--	--
Dibromochloromethane	**8260B**	0.17 U	--	0.17 UJ	--	--	--	--	--
Dibromomethane	**8260B**	0.17 U	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	0.31 U	--	0.31 UJ	--	--	--	--	--
Diisopropylether	**8260B**	--	--	0.74 UJ	--	--	--	--	--
Ethylcyanide	**8260B**	3.7 U	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	0.86 U	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.32 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	0.12 UJ	--	--	--	--	--
Iodomethane	**8260B**	0.23 U	--	0.23 UJ	--	--	--	--	--
Isobutanol	**8260B**	36 U	--	--	--	--	--	--	--
Isopropanol	**8260B**	--	--	--	--	--	--	--	--
Methacrylonitrile	**8260B**	1.6 U	--	--	--	--	--	--	--
Methylethylketone	**8260B**	2 U	2 U	2 UJ	2 U	2 U	2 U	4 U	2 U
Methylisobutylketone(MIBK)	**8260B**	0.98 U	--	0.98 UJ	--	--	--	--	--
Methylmethacrylate	**8260B**	1.1 U	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	0.25 UJ	--	--	--	--	--
Methylenechloride	**8260B**	0.32 U	0.32 U	0.32 UJ	0.32 U	0.32 U	0.32 U	0.64 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 UJ	0.34 U	0.34 U	0.34 U	0.68 U	0.34 U
n-Butylbenzene	**8260B**	--	--	0.14 UJ	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	0.16 UJ	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	0.17 UJ	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.38 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	0.21 UJ	--	--	--	--	--
p-Cymene	**8260B**	--	--	0.2 UJ	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	0.17 UJ	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	0.18 UJ	--	--	--	--	--
Styrene	**8260B**	0.17 U	--	0.17 UJ	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	1.4 UJ	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	3.8 UJ	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	1.2 UJ	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	0.16 UJ	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.98 J	0.2 U
Tetrahydrofuran	**8260B**	--	--	2 UJ	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 UJ	0.17 U	0.17 U	0.17 U	0.34 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.7 J	0.15 UJ	0.15 U	0.15 U	0.15 U	0.3 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	0.19 U	--	0.19 UJ	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	0.8 U	--	--	--	--	--	--	--
Trichloroethene	**8260B**	0.16 U	0.16 U	0.16 UJ	60	87	0.16 U	890 J	0.16 U
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 UJ	0.29 U	0.29 U	0.29 U	1.7 J	0.29 U
Vinylacetate	**8260B**	0.94 U	--	0.94 UJ	--	--	--	--	--
Vinylchloride	**8260B**	0.1 U	0.97 J	0.1 UJ	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U
Xylenes,Total	**8260B**	--	--	0.19 UJ	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RS-29	RS-30	RS-31	RS-32	RS-32	RS-33	RS-33
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RS-29_041311_01	RS-30_020311_01	RS-31_020311_01	RS-32_020311_01	RS-32_071811_01	RS-33_011411_01	RS-33_040711_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/13/2011	2/3/2011	2/3/2011	2/3/2011	7/18/2011	1/14/2011	4/7/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	0.21 U	--	--	--	--	--	0.21 U
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.34 J	0.26 J
1,1,2,2-Tetrachloroethane	**8260B**	0.21 U	--	--	--	--	--	0.21 U
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	--	0.42 U	0.42 U	0.42 U	0.42 U	780 J	440
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.54 UJ	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	1.2 J	1
1,1-Dichloroethene	**8260B**	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.46 UJ	0.23 U
1,1-Dichloropropene	**8260B**	0.19 U	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	0.21 U	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	--	--	--	--	--	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	0.33 U	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	0.21 U	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	0.15 U	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	0.0066 U
1,2-Dibromo-3-chloropropane	**8260B**	0.47 U	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	0.0036 U
1,2-Dibromoethane	**8260B**	0.18 U	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	0.15 U	--	--	--	--	--	0.15 U
1,2-Dichloroethane	**8260B**	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.26 UJ	0.13 U
1,2-Dichloropropane	**8260B**	0.18 U	--	--	--	--	--	0.18 U
1,3,5-Trimethylbenzene	**8260B**	0.16 U	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	0.13 U	--	--	--	--	--	0.13 U
1,4-Dichlorobenzene	**8260B**	0.16 U	--	--	--	--	--	0.16 U
1,4-Dioxane	**8260B SIM**	0.64 U	--	--	--	--	2.7	1.8 J
2-Chloroethylvinylether	**8260B**	0.31 U	--	--	--	--	--	--
2-Hexanone	**8260B**	1.7 U	--	--	--	--	--	1.7 U
Acetone	**8260B**	1.9 U	1.9 U	1.9 U	1.9 U	10 UJ	65 J	1.9 U
Acetonitrile	**8260B**	--	--	--	--	--	--	9.6 U
Acrolein	**8260B**	2.8 U	--	--	--	--	--	2.8 U
Acrylonitrile	**8260B**	1.4 U	--	--	--	--	--	1.4 U
Allylchloride	**8260B**	--	--	--	--	--	--	0.17 U
Benzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.32 UJ	0.16 U
Bromobenzene	**8260B**	0.17 U	--	--	--	--	--	--
Bromochloromethane	**8260B**	0.1 U	--	--	--	--	--	--
Bromodichloromethane	**8260B**	0.17 U	--	--	--	--	--	0.17 U
Bromoform	**8260B**	0.19 U	--	--	--	--	--	0.19 U
Bromomethane	**8260B**	0.21 U	--	--	--	--	--	0.21 U
CarbonDisulfide	**8260B**	0.45 U	--	--	--	--	--	0.45 U
CarbonTetrachloride	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.38 UJ	0.19 U
Chlorobenzene	**8260B**	0.17 U	--	--	--	--	--	0.17 U
Chloroethane	**8260B**	0.41 U	--	--	--	--	--	0.41 U
Chloroform	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.32 UJ	0.24 J
Chloromethane	**8260B**	0.3 U	--	--	--	--	--	0.3 U
Chloroprene	**8260B**	--	--	--	--	--	--	0.21 U
cis-1,2-Dichloroethene	**8260B**	0.54 J	0.15 U	0.15 U	0.18 J	0.36 J	39 J	31
cis-1,3-Dichloropropene	**8260B**	0.16 U	--	--	--	--	--	0.16 U
Cumene	**8260B**	0.19 U	--	--	--	--	--	--
Dibromochloromethane	**8260B**	0.17 U	--	--	--	--	--	0.17 U
Dibromomethane	**8260B**	--	--	--	--	--	--	0.17 U
Dichlorodifluoromethane	**8260B**	0.31 U	--	--	--	--	--	0.31 U
Diisopropylether	**8260B**	0.74 U	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	3.7 U
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	0.86 U
Ethylbenzene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.32 UJ	0.16 U
Hexachlorobutadiene	**8260B**	0.12 U	--	--	--	--	--	--
Iodomethane	**8260B**	0.23 U	--	--	--	--	--	0.23 U
Isobutanol	**8260B**	--	--	--	--	--	--	36 U
Isopropanol	**8260B**	--	--	--	--	--	26 UJ	13 U
Methacrylonitrile	**8260B**	--	--	--	--	--	--	1.6 U
Methylethylketone	**8260B**	2 U	2 U	2 U	2 U	2 U	4 UJ	2 U
Methylisobutylketone(MIBK)	**8260B**	0.98 U	--	--	--	--	--	0.98 U
Methylmethacrylate	**8260B**	--	--	--	--	--	--	1.1 U
Methyltert-butylether	**8260B**	0.25 U	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	10 UJ	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.68 UJ	0.34 U
n-Butylbenzene	**8260B**	0.14 U	--	--	--	--	--	--
n-Propylbenzene	**8260B**	0.16 U	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	0.17 U	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.38 UJ	0.19 U
p-Chlorotoluene	**8260B**	0.21 U	--	--	--	--	--	--
p-Cymene	**8260B**	0.2 U	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	0.17 U	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	0.18 U	--	--	--	--	--	--
Styrene	**8260B**	0.17 U	--	--	--	--	--	0.17 U
tert-Amylmethylether	**8260B**	1.4 U	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	3.8 U	--	--	--	--	--	--
tert-Butylethylether	**8260B**	1.2 U	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	0.16 U	--	--	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.42 J	0.32 J
Tetrahydrofuran	**8260B**	2 U	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.34 UJ	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.48 J	0.36 J
trans-1,3-Dichloropropene	**8260B**	0.19 U	--	--	--	--	--	0.19 U
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	0.8 U
Trichloroethene	**8260B**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	440 J	340
Trichlorofluoromethane	**8260B**	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.58 UJ	0.29 U
Vinylacetate	**8260B**	0.94 U	--	--	--	--	--	0.94 U
Vinylchloride	**8260B**	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.87 J	0.59 J
Xylenes,Total	**8260B**	0.19 U	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RS-33	RS-34	RS-34	RS-34	SH-02	SH-02	SH-02
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RS-33_072611_01	RS-34_012811_01	RS-34_042711_01	RS-34_072111_01	SH-02_012111_01	SH-02_040811_01	SH-02_072011_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/26/2011	1/28/2011	4/27/2011	7/21/2011	1/21/2011	4/8/2011	7/20/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	8260B	--	--	0.21 U	--	--	--	--
1,1,1-Trichloroethane	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.81 J	0.89 J	0.86 J
1,1,2,2-Tetrachloroethane	8260B	--	--	0.21 U	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	8260B	430	0.42 U	0.42 U	0.42 U	5	5.2	7 J
1,1,2-Trichloroethane	8260B	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.54 U
1,1-Dichloroethane	8260B	1.1	0.22 U	0.22 U	0.22 U	9.6	10	10
1,1-Dichloroethene	8260B	0.23 U	0.23 U	0.23 U	0.23 U	1.9	3	4.5
1,1-Dichloropropene	8260B	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,3-Trichloropropane	524.2	--	--	0.0017 U	--	--	0.0017 U	0.0017 U
1,2,3-Trichloropropane	524M	--	--	--	--	--	--	--
1,2,3-Trichloropropane	8260B	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8260B	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	504.1	--	--	0.0067 U	--	--	--	--
1,2-Dibromo-3-chloropropane	8260B	--	--	--	--	--	--	--
1,2-Dibromoethane	504.1	--	--	0.0037 UJ	--	--	--	--
1,2-Dibromoethane	8260B	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8260B	--	--	0.15 U	--	--	--	--
1,2-Dichloroethane	8260B	0.13 U	0.13 U	0.13 U	0.13 U	0.8	1.7	1.9
1,2-Dichloropropane	8260B	--	--	0.18 U	--	--	--	--
1,3,5-Trimethylbenzene	8260B	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8260B	--	--	0.13 U	--	--	--	--
1,4-Dichlorobenzene	8260B	--	--	0.16 U	--	--	--	--
1,4-Dioxane	8260B SIM	1.4 J	0.75 U	0.64 U	0.64 U	11	14	14
2-Chloroethylvinylether	8260B	--	--	--	--	--	--	--
2-Hexanone	8260B	--	--	1.7 U	--	--	--	--
Acetone	8260B	86 J	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	380
Acetonitrile	8260B	--	--	9.6 U	--	--	--	--
Acrolein	8260B	--	--	2.8 U	--	--	--	--
Acrylonitrile	8260B	--	--	1.4 U	--	--	--	--
Allylchloride	8260B	--	--	0.17 U	--	--	--	--
Benzene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.32 U
Bromobenzene	8260B	--	--	--	--	--	--	--
Bromochloromethane	8260B	--	--	--	--	--	--	--
Bromodichloromethane	8260B	--	--	0.17 U	--	--	--	--
Bromoform	8260B	--	--	0.19 U	--	--	--	--
Bromomethane	8260B	--	--	0.21 U	--	--	--	--
CarbonDisulfide	8260B	--	--	0.45 U	--	--	--	--
CarbonTetrachloride	8260B	0.19 U	0.19 U	0.19 UJ	0.19 U	12	6.1	4.6
Chlorobenzene	8260B	--	--	0.17 U	--	--	--	--
Chloroethane	8260B	--	--	0.41 U	--	--	--	--
Chloroform	8260B	0.16 U	0.16 U	0.16 U	0.16 U	23 U	12	9.1
Chloromethane	8260B	--	--	0.3 U	--	--	--	--
Chloroprene	8260B	--	--	0.21 U	--	--	--	--
cis-1,2-Dichloroethene	8260B	29	9.4	23	0.15 U	8.1	7.6	8.8
cis-1,3-Dichloropropene	8260B	--	--	0.16 U	--	--	--	--
Cumene	8260B	--	--	--	--	--	--	--
Dibromochloromethane	8260B	--	--	0.17 UJ	--	--	--	--
Dibromomethane	8260B	--	--	0.17 U	--	--	--	--
Dichlorodifluoromethane	8260B	--	--	0.31 U	--	--	--	--
Diisopropylether	8260B	--	--	--	--	--	--	--
Ethylcyanide	8260B	--	--	3.7 U	--	--	--	--
Ethylmethacrylate	8260B	--	--	0.86 U	--	--	--	--
Ethylbenzene	8260B	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.32 U
Hexachlorobutadiene	8260B	--	--	--	--	--	--	--
Iodomethane	8260B	--	--	0.23 U	--	--	--	--
Isobutanol	8260B	--	--	36 U	--	--	--	--
Isopropanol	8260B	13 U	13 U	13 U	13 U	--	--	--
Methacrylonitrile	8260B	--	--	1.6 U	--	--	--	--
Methylethylketone	8260B	2 U	2 U	2 U	2 U	2 U	2 U	4 U
Methylisobutylketone(MIBK)	8260B	--	--	0.98 U	--	--	--	--
Methylmethacrylate	8260B	--	--	1.1 U	--	--	--	--
Methyltert-butylether	8260B	--	--	--	--	--	--	--
Methylenechloride	8260B	0.32 U	5 U	0.32 UJ	0.32 U	0.32 U	0.32 U	10 U
m-Xylene&p-Xylene	8260B	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.68 U
n-Butylbenzene	8260B	--	--	--	--	--	--	--
n-Propylbenzene	8260B	--	--	--	--	--	--	--
o-Chlorotoluene	8260B	--	--	--	--	--	--	--
o-Xylene	8260B	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.38 U
p-Chlorotoluene	8260B	--	--	--	--	--	--	--
p-Cymene	8260B	--	--	--	--	--	--	--
sec-Butylbenzene	8260B	--	--	--	--	--	--	--
sec-Dichloropropane	8260B	--	--	--	--	--	--	--
Styrene	8260B	--	--	0.17 U	--	--	--	--
tert-Amylmethylether	8260B	--	--	--	--	--	--	--
tert-Butylalcohol	8260B	--	--	--	--	--	--	--
tert-Butylethylether	8260B	--	--	--	--	--	--	--
tert-Butylbenzene	8260B	--	--	--	--	--	--	--
Tetrachloroethene	8260B	0.2 U	0.2 U	0.2 U	0.2 U	1.2	1.3	1.4 J
Tetrahydrofuran	8260B	--	--	--	--	--	--	--
Toluene	8260B	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.34 U
trans-1,2-Dichloroethene	8260B	0.32 J	0.53 J	1.3	0.15 U	0.15 U	0.24 J	0.3 U
trans-1,3-Dichloropropene	8260B	--	--	0.19 U	--	--	--	--
trans-1,4-Dichloro-2-butene	8260B	--	--	0.8 U	--	--	--	--
Trichloroethene	8260B	230	12	31	0.16 U	41	39	44
Trichlorofluoromethane	8260B	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.58 U
Vinylacetate	8260B	--	--	0.94 U	--	--	--	--
Vinylchloride	8260B	0.71 J	0.1 U	0.1 U	0.1 U	0.1 U	0.39 J	0.2 U
Xylenes,Total	8260B	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		SH-03	SH-03	SH-03	SH-03	SH-03	SH-04	SH-04
SampleType:		Primary	Primary	Split	Field Duplicate	Primary	Primary	Primary
Sample Name:		SH-03_012111_01	SH-03_020211_01	SH-03_020211_03	SH-03_020211_36	SH-03_040811_01	SH-04_012111_01	SH-04_040711_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/21/2011	2/2/2011	2/2/2011	2/2/2011	4/8/2011	1/21/2011	4/7/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	0.21 U	--	0.21 U
1,1,1-Trichloroethane	**8260B**	0.93 J	--	--	--	1.1	0.56 J	1.5
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	0.21 U	--	0.21 U
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	15	--	--	--	--	18	--
1,1,2-Trichloroethane	**8260B**	0.27 U	--	--	--	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	11	--	--	--	10	5	10
1,1-Dichloroethene	**8260B**	1.9	--	--	--	3.1	1.5	4.4
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	0.0086	--	0.0086	0.0023 J	--	0.0017 U
1,2,3-Trichloropropane	**524M**	--	--	0.01	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	0.0065 U	--	0.0065 U
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	0.0035 U	--	0.0035 U
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	0.15 U	--	0.15 U
1,2-Dichloroethane	**8260B**	1.9	--	--	--	1.9	2.1	2.8
1,2-Dichloropropane	**8260B**	--	--	--	--	0.18 U	--	0.18 U
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	0.13 U	--	0.13 U
1,4-Dichlorobenzene	**8260B**	--	--	--	--	0.16 U	--	0.16 U
1,4-Dioxane	**8260B SIM**	8	--	--	--	9.1 J	6.5	10
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	1.7 U	--	1.7 U
Acetone	**8260B**	1.9 U	--	--	--	1.9 U	1.9 J	1.9 U
Acetonitrile	**8260B**	--	--	--	--	9.6 U	--	9.6 U
Acrolein	**8260B**	--	--	--	--	2.8 U	--	2.8 U
Acrylonitrile	**8260B**	--	--	--	--	1.4 U	--	1.4 U
Allylchloride	**8260B**	--	--	--	--	0.17 U	--	0.17 U
Benzene	**8260B**	0.16 U	--	--	--	0.16 U	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	0.17 U	--	0.17 U
Bromoform	**8260B**	--	--	--	--	0.19 U	--	0.19 U
Bromomethane	**8260B**	--	--	--	--	0.21 U	--	0.21 U
CarbonDisulfide	**8260B**	--	--	--	--	0.45 U	--	0.45 U
CarbonTetrachloride	**8260B**	35 J	--	--	--	15	25	24
Chlorobenzene	**8260B**	--	--	--	--	0.17 U	--	0.17 U
Chloroethane	**8260B**	--	--	--	--	0.41 U	--	0.41 U
Chloroform	**8260B**	96 J	--	--	--	37	15	16
Chloromethane	**8260B**	--	--	--	--	0.3 U	--	0.3 U
Chloroprene	**8260B**	--	--	--	--	0.21 U	--	0.21 U
cis-1,2-Dichloroethene	**8260B**	7.6	--	--	--	6.8	3.4	6.2
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	0.16 U	--	0.16 U
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	0.17 U	--	0.17 U
Dibromomethane	**8260B**	--	--	--	--	0.17 U	--	0.17 U
Dichlorodifluoromethane	**8260B**	--	--	--	--	0.31 U	--	0.31 U
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	3.7 U	--	3.7 U
Ethylmethacrylate	**8260B**	--	--	--	--	0.86 U	--	0.86 U
Ethylbenzene	**8260B**	0.16 U	--	--	--	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	0.23 U	--	0.23 U
Isobutanol	**8260B**	--	--	--	--	36 U	--	36 U
Isopropanol	**8260B**	--	--	--	--	--	--	--
Methacrylonitrile	**8260B**	--	--	--	--	1.6 U	--	1.6 U
Methylethylketone	**8260B**	2 U	--	--	--	2 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	0.98 U	--	0.98 U
Methylmethacrylate	**8260B**	--	--	--	--	1.1 U	--	1.1 U
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	0.32 U	--	--	--	0.32 U	0.32 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	--	--	--	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.19 U	--	--	--	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	0.17 U	--	0.17 U
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	3.8	--	--	--	3	5.2	6.1
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.17 U	--	--	--	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	--	--	--	0.25 J	0.15 U	0.24 J
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	0.19 U	--	0.19 U
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	0.8 U	--	0.8 U
Trichloroethene	**8260B**	44	--	--	--	49	32	58
Trichlorofluoromethane	**8260B**	0.29 U	--	--	--	0.29 U	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--	0.94 U	--	0.94 U
Vinylchloride	**8260B**	0.1 U	--	--	--	0.1 U	0.1 U	0.4 J
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		SH-04	SH-07	SH-07	SH-07	SH-09	SH-09	SH-09
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Split
Sample Name:		SH-04_072011_01	SH-07_012711_01	SH-07_041211_01	SH-07_072011_01B	SH-09_012011_01	SH-09_020711_01	SH-09_020711_03
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine
Collection Date:		7/20/2011	1/27/2011	4/12/2011	7/20/2011	1/20/2011	2/7/2011	2/7/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,1-Trichloroethane	**8260B**	1.4 J	0.16 U	0.16 U	0.16 U	0.16 U	--	--
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	27	6	1.4 J	1.3 J	0.42 U	--	--
1,1,2-Trichloroethane	**8260B**	0.54 U	0.27 U	0.27 U	0.27 U	0.27 U	--	--
1,1-Dichloroethane	**8260B**	13	0.32 J	0.22 U	0.22 U	5.6	--	--
1,1-Dichloroethene	**8260B**	6.4	0.74 J	0.27 J	0.27 J	0.23 U	--	--
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	0.0017 U	--	0.0017 U	0.0017 U	--	0.0035 J	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	0.0053
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dichloroethane	**8260B**	4.3	0.13 U	0.13 U	0.13 U	1.3	--	--
1,2-Dichloropropane	**8260B**	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,4-Dioxane	**8260B SIM**	13	0.91 J	0.69 J	1.3 J	10	--	--
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--	--	--	--
Acetone	**8260B**	310	1.9 U	1.9 U	1.9 U	1.9 U	--	--
Acetonitrile	**8260B**	--	--	--	--	--	--	--
Acrolein	**8260B**	--	--	--	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--	--	--	--
Allylchloride	**8260B**	--	--	--	--	--	--	--
Benzene	**8260B**	0.32 U	0.16 U	0.16 U	0.16 U	0.16 U	--	--
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--	--	--	--
Bromoform	**8260B**	--	--	--	--	--	--	--
Bromomethane	**8260B**	--	--	--	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--	--	--	--
CarbonTetrachloride	**8260B**	23	0.19 U	0.19 UJ	0.19 U	1.6	--	--
Chlorobenzene	**8260B**	--	--	--	--	--	--	--
Chloroethane	**8260B**	--	--	--	--	--	--	--
Chloroform	**8260B**	21	0.34 J	0.16 U	1 U	31	--	--
Chloromethane	**8260B**	--	--	--	--	--	--	--
Chloroprene	**8260B**	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	8.1	0.55 J	0.15 U	0.15 U	3.6	--	--
cis-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--	--	--	--
Ethylbenzene	**8260B**	0.32 U	0.16 U	0.16 U	0.16 U	0.16 U	--	--
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	--	--	--	--	--	--
Isobutanol	**8260B**	--	--	--	--	--	--	--
Isopropanol	**8260B**	--	--	--	--	--	--	--
Methacrylonitrile	**8260B**	--	--	--	--	--	--	--
Methylethylketone	**8260B**	4 U	2 U	2 U	2 U	2 U	--	--
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	10 U	0.32 U	0.32 U	0.32 U	0.32 U	--	--
m-Xylene&p-Xylene	**8260B**	0.68 U	0.34 U	0.34 U	0.34 U	0.34 U	--	--
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	0.38 U	0.19 U	0.19 U	0.19 U	0.19 U	--	--
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	--	--	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	7.9	1.8	1.2	1.5	0.2 U	--	--
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	0.34 U	0.17 U	0.17 U	0.17 U	0.17 U	--	--
trans-1,2-Dichloroethene	**8260B**	0.3 U	0.15 U	0.15 U	0.15 U	0.15 U	--	--
trans-1,3-Dichloropropene	**8260B**	--	--	--	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--	--	--	--
Trichloroethene	**8260B**	73	4.2	1.7	2.2	16	--	--
Trichlorofluoromethane	**8260B**	0.58 U	0.29 U	0.29 U	0.29 U	0.29 U	--	--
Vinylacetate	**8260B**	--	--	--	--	--	--	--
Vinylchloride	**8260B**	0.2 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		SH-09	SH-09	SH-11	SH-11	SH-11	WS-04A	WS-04A
SampleType:		Field Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		SH-09_020711_36	SH-09_041111_01	SH-11_012011_01	SH-11_040611_01	SH-11_072011_01B	WS-04A_020111_01	WS-04A_042011_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/7/2011	4/11/2011	1/20/2011	4/6/2011	7/20/2011	2/1/2011	4/20/2011
Analyte (ug/L)	**Method**							
1,1,1,2-Tetrachloroethane	**8260B**	--	0.21 U	--	0.21 U	--	--	--
1,1,1-Trichloroethane	**8260B**	--	0.39 J	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	0.21 U	--	0.21 U	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	--	--	0.42 U	--	0.42 U	0.42 U	0.42 U
1,1,2-Trichloroethane	**8260B**	--	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	--	8.2	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	--	0.35 J	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
1,1-Dichloropropene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**524.2**	0.0036 J	0.002 J	--	0.0017 U	0.0017 U	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	0.0067 U	--	0.0065 U	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--	--	--	--
1,2-Dibromoethane	**504.1**	--	0.0036 U	--	0.0035 U	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	0.15 U	--	0.15 U	--	--	--
1,2-Dichloroethane	**8260B**	--	0.67	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	0.18 U	--	0.18 U	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	0.13 U	--	0.13 U	--	--	--
1,4-Dichlorobenzene	**8260B**	--	0.16 U	--	0.16 U	--	--	--
1,4-Dioxane	**8260B SIM**	--	5.6	0.75 U	0.64 U	0.64 U	0.75 U	0.76 J
2-Chloroethylvinylether	**8260B**	--	--	--	--	--	--	--
2-Hexanone	**8260B**	--	1.7 U	--	1.7 U	--	--	--
Acetone	**8260B**	--	1.9 U	1.9 U	10 U	1.9 U	1.9 U	1.9 U
Acetonitrile	**8260B**	--	9.6 U	--	9.6 U	--	--	--
Acrolein	**8260B**	--	2.8 U	--	2.8 U	--	--	--
Acrylonitrile	**8260B**	--	1.4 U	--	1.4 U	--	--	--
Allylchloride	**8260B**	--	0.17 U	--	0.17 U	--	--	--
Benzene	**8260B**	--	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--	--	--	--
Bromodichloromethane	**8260B**	--	0.17 U	--	0.17 U	--	--	--
Bromoform	**8260B**	--	0.19 U	--	0.19 U	--	--	--
Bromomethane	**8260B**	--	0.21 U	--	0.21 U	--	--	--
CarbonDisulfide	**8260B**	--	0.45 U	--	0.45 U	--	--	--
CarbonTetrachloride	**8260B**	--	4.3	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	0.17 U	--	0.17 U	--	--	--
Chloroethane	**8260B**	--	0.41 U	--	0.41 U	--	--	--
Chloroform	**8260B**	--	40	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	**8260B**	--	0.3 U	--	0.3 U	--	--	--
Chloroprene	**8260B**	--	0.21 U	--	0.21 U	--	--	--
cis-1,2-Dichloroethene	**8260B**	--	4.8	0.15 U	0.15 U	0.23 J	0.15 U	0.15 U
cis-1,3-Dichloropropene	**8260B**	--	0.16 U	--	0.16 U	--	--	--
Cumene	**8260B**	--	--	--	--	--	--	--
Dibromochloromethane	**8260B**	--	0.17 U	--	0.17 U	--	--	--
Dibromomethane	**8260B**	--	0.17 U	--	0.17 U	--	--	--
Dichlorodifluoromethane	**8260B**	--	0.31 U	--	0.31 U	--	--	--
Diisopropylether	**8260B**	--	--	--	--	--	--	--
Ethylcyanide	**8260B**	--	3.7 U	--	3.7 U	--	--	--
Ethylmethacrylate	**8260B**	--	0.86 U	--	0.86 U	--	--	--
Ethylbenzene	**8260B**	--	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--	--	--	--
Iodomethane	**8260B**	--	0.23 U	--	0.23 U	--	--	--
Isobutanol	**8260B**	--	36 U	--	36 U	--	--	--
Isopropanol	**8260B**	--	--	--	--	--	--	--
Methacrylonitrile	**8260B**	--	1.6 U	--	1.6 U	--	--	--
Methylethylketone	**8260B**	--	2 U	2 U	2 U	2 U	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	0.98 U	--	0.98 U	--	--	--
Methylmethacrylate	**8260B**	--	1.1 U	--	1.1 U	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--	--	--	--
Methylenechloride	**8260B**	--	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
m-Xylene&p-Xylene	**8260B**	--	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
o-Xylene	**8260B**	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--	--	--	--
p-Cymene	**8260B**	--	--	--	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--	--	--	--
Styrene	**8260B**	--	0.17 U	--	0.17 UJ	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--	--	--	--
Tetrachloroethene	**8260B**	--	1.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--	--	--	--
Toluene	**8260B**	--	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	--	0.19 J	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
trans-1,3-Dichloropropene	**8260B**	--	0.19 U	--	0.19 U	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	0.8 U	--	0.8 U	--	--	--
Trichloroethene	**8260B**	--	25	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Trichlorofluoromethane	**8260B**	--	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Vinylacetate	**8260B**	--	0.94 U	--	0.94 U	--	--	--
Vinylchloride	**8260B**	--	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Xylenes,Total	**8260B**	--	--	--	--	--	--	--

TABLE 12
VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		WS-04A	WS-09A	WS-09A	WS-09A
SampleType:		Primary	Primary	Primary	Primary
Sample Name:		WS-04A_071811_01	WS-09A_011211_01	WS-09A_060311_01	WS-09A_081111_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/18/2011	1/12/2011	6/3/2011	8/11/2011
Analyte (ug/L)	**Method**				
1,1,1,2-Tetrachloroethane	**8260B**	--	--	--	--
1,1,1-Trichloroethane	**8260B**	0.16 U	0.16 UJ	0.16 U	0.16 U
1,1,2,2-Tetrachloroethane	**8260B**	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	**8260B**	0.42 U	0.42 UJ	0.42 U	0.42 U
1,1,2-Trichloroethane	**8260B**	0.27 U	0.27 UJ	0.27 U	0.27 U
1,1-Dichloroethane	**8260B**	0.22 U	0.22 UJ	0.22 U	0.22 U
1,1-Dichloroethene	**8260B**	0.23 U	0.53 J	0.62 J	0.41 J
1,1-Dichloropropene	**8260B**	--	--	--	--
1,2,3-Trichlorobenzene	**8260B**	--	--	--	--
1,2,3-Trichloropropane	**524.2**	--	--	--	--
1,2,3-Trichloropropane	**524M**	--	--	--	--
1,2,3-Trichloropropane	**8260B**	--	--	--	--
1,2,4-Trichlorobenzene	**8260B**	--	--	--	--
1,2,4-Trimethylbenzene	**8260B**	--	--	--	--
1,2-Dibromo-3-chloropropane	**504.1**	--	--	--	--
1,2-Dibromo-3-chloropropane	**8260B**	--	--	--	--
1,2-Dibromoethane	**504.1**	--	--	--	--
1,2-Dibromoethane	**8260B**	--	--	--	--
1,2-Dichlorobenzene	**8260B**	--	--	--	--
1,2-Dichloroethane	**8260B**	0.13 U	0.13 UJ	0.13 U	0.13 U
1,2-Dichloropropane	**8260B**	--	--	--	--
1,3,5-Trimethylbenzene	**8260B**	--	--	--	--
1,3-Dichlorobenzene	**8260B**	--	--	--	--
1,4-Dichlorobenzene	**8260B**	--	--	--	--
1,4-Dioxane	**8260B SIM**	0.82 J	0.75 U	0.64 U	0.64 U
2-Chloroethylvinylether	**8260B**	--	--	--	--
2-Hexanone	**8260B**	--	--	--	--
Acetone	**8260B**	10 UJ	1.9 UJ	1.9 U	1.9 U
Acetonitrile	**8260B**	--	--	--	--
Acrolein	**8260B**	--	--	--	--
Acrylonitrile	**8260B**	--	--	--	--
Allylchloride	**8260B**	--	--	--	--
Benzene	**8260B**	0.16 U	0.16 UJ	0.16 U	0.16 U
Bromobenzene	**8260B**	--	--	--	--
Bromochloromethane	**8260B**	--	--	--	--
Bromodichloromethane	**8260B**	--	--	--	--
Bromoform	**8260B**	--	--	--	--
Bromomethane	**8260B**	--	--	--	--
CarbonDisulfide	**8260B**	--	--	--	--
CarbonTetrachloride	**8260B**	0.19 U	0.19 UJ	0.19 U	0.19 U
Chlorobenzene	**8260B**	--	--	--	--
Chloroethane	**8260B**	--	--	--	--
Chloroform	**8260B**	0.16 U	0.16 UJ	0.16 U	0.16 U
Chloromethane	**8260B**	--	--	--	--
Chloroprene	**8260B**	--	--	--	--
cis-1,2-Dichloroethene	**8260B**	0.15 U	110	110	100
cis-1,3-Dichloropropene	**8260B**	--	--	--	--
Cumene	**8260B**	--	--	--	--
Dibromochloromethane	**8260B**	--	--	--	--
Dibromomethane	**8260B**	--	--	--	--
Dichlorodifluoromethane	**8260B**	--	--	--	--
Diisopropylether	**8260B**	--	--	--	--
Ethylcyanide	**8260B**	--	--	--	--
Ethylmethacrylate	**8260B**	--	--	--	--
Ethylbenzene	**8260B**	0.16 U	0.16 UJ	0.16 U	0.16 U
Hexachlorobutadiene	**8260B**	--	--	--	--
Iodomethane	**8260B**	--	--	--	--
Isobutanol	**8260B**	--	--	--	--
Isopropanol	**8260B**	--	--	13 U	13 U
Methacrylonitrile	**8260B**	--	--	--	--
Methylethylketone	**8260B**	2 U	2 UJ	2 U	2 U
Methylisobutylketone(MIBK)	**8260B**	--	--	--	--
Methylmethacrylate	**8260B**	--	--	--	--
Methyltert-butylether	**8260B**	--	--	--	--
Methylenechloride	**8260B**	0.32 U	0.32 UJ	0.32 U	0.32 U
m-Xylene&p-Xylene	**8260B**	0.34 U	0.34 UJ	0.34 U	0.34 U
n-Butylbenzene	**8260B**	--	--	--	--
n-Propylbenzene	**8260B**	--	--	--	--
o-Chlorotoluene	**8260B**	--	--	--	--
o-Xylene	**8260B**	0.19 U	0.19 UJ	0.19 U	0.19 U
p-Chlorotoluene	**8260B**	--	--	--	--
p-Cymene	**8260B**	--	--	--	--
sec-Butylbenzene	**8260B**	--	--	--	--
sec-Dichloropropane	**8260B**	--	--	--	--
Styrene	**8260B**	--	--	--	--
tert-Amylmethylether	**8260B**	--	--	--	--
tert-Butylalcohol	**8260B**	--	--	--	--
tert-Butylethylether	**8260B**	--	--	--	--
tert-Butylbenzene	**8260B**	--	--	--	--
Tetrachloroethene	**8260B**	0.2 U	0.2 UJ	0.2 U	0.2 U
Tetrahydrofuran	**8260B**	--	--	--	--
Toluene	**8260B**	0.17 U	0.17 UJ	0.17 U	0.17 U
trans-1,2-Dichloroethene	**8260B**	0.15 U	4.3 J	5	3.9
trans-1,3-Dichloropropene	**8260B**	--	--	--	--
trans-1,4-Dichloro-2-butene	**8260B**	--	--	--	--
Trichloroethene	**8260B**	0.16 U	210	210	150
Trichlorofluoromethane	**8260B**	0.29 U	0.29 UJ	0.29 U	0.29 U
Vinylacetate	**8260B**	--	--	--	--
Vinylchloride	**8260B**	0.1 U	0.48 J	0.51 J	0.53 J
Xylenes,Total	**8260B**	--	--	--	--

NOTES AND ABBREVIATIONS

Chatsworth - Chatsworth Formation groundwater unit
Shallow - Near-surface groundwater unit

µg/L - micrograms per liter

-- Not available
J - Result is estimated
R - Result is rejected
U - Not detected above the method detection limit (MDL) or reporting limit (RL)
UJ - The result is not detected; however, the RL/MDL is estimated

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		ES-17	ES-17	ES-17	ES-17	ES-17	ES-17	ES-26
SampleType:		Primary	Field Duplicate	Primary	Field Duplicate	Primary	Field Duplicate	Primary
Sample Name:		ES-17_012711_01	ES-17_012711_36	ES-17_042511_01	ES-17_042511_36	ES-17_072611_01	ES-17_072611_36	ES-26_011811_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/27/2011	1/27/2011	4/25/2011	4/25/2011	7/26/2011	7/26/2011	1/18/2011
Analyte (ug/L)	**Method**							
1,2,4,5-Tetrachlorobenzene	8270C	--	--	1.7 U	--	--	--	--
1,2,4-Trichlorobenzene	8270C	--	--	0.28 U	--	--	--	--
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	0.3 U	--	--	--	--
1,3-Dinitrobenzene	8270C	1.9 U	--	2 U	--	2 U	--	2 U
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	14 U	--	--	--	--
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	2 U	--	--	--	--
2,4,5-Trichlorophenol	8270C	--	--	0.45 U	--	--	--	--
2,4,6-Trichlorophenol	8270C	--	--	0.29 U	--	--	--	--
2,4-Dichlorophenol	8270C	--	--	0.64 U	--	--	--	--
2,4-Dimethylphenol	8270C	--	--	0.58 U	--	--	--	--
2,4-Dinitrophenol	8270C	--	--	10 U	--	--	--	--
2,4-Dinitrotoluene	8270C	--	--	1.7 U	--	--	--	--
2,6-Dichlorophenol	8270C	--	--	1.4 U	--	--	--	--
2,6-Dinitrotoluene	8270C	--	--	1.9 U	--	--	--	--
2-Chloronaphthalene	8270C	--	--	0.26 U	--	--	--	--
2-Chlorophenol	8270C	--	--	2 U	--	--	--	--
2-Methylnaphthalene	8270C	--	--	0.29 U	--	--	--	--
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	1.7 U	--	--	--	--
2-Nitrophenol	8270C	--	--	0.39 U	--	--	--	--
3,3'-Dichlorobenzidine	8270C	--	--	2 U	--	--	--	--
3-Methylcholanthrene	8270C	--	--	1.7 U	--	--	--	--
3-Nitroaniline	8270C	--	--	2 U	--	--	--	--
4,6-Dinitro-o-cresol	8270C	--	--	4 U	--	--	--	--
4-Aminobiphenyl	8270C	--	--	4.5 U	--	--	--	--
4-Bromophenylphenylether	8270C	--	--	0.43 U	--	--	--	--
4-Chlorophenylphenylether	8270C	--	--	1.7 U	--	--	--	--
4-Nitrophenol	8270C	--	--	1.2 U	--	--	--	--
4-Nitroquinoline-1-oxide	8270C	--	--	20 U	--	--	--	--
5-Nitro-o-toluidine	8270C	--	--	1.4 U	--	--	--	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	1.6 U	--	--	--	--
Acenaphthene	8270C	--	--	0.28 U	--	--	--	--
Acenaphthene	8270C SIM	--	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	0.49 U	--	--	--	--
Acenaphthylene	8270C SIM	--	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	7 U	--	--	--	--
Acetophenone	8270C	--	--	0.24 U	--	--	--	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	20 U	--	--	--	--
alpha-Naphthylamine	8270C	--	--	3.1 U	--	--	--	--
alpha-Picoline	8270C	--	--	1.2 U	--	--	--	--
Aniline	8270C	--	--	2 U	--	--	--	--
Anthracene	8270C	--	--	0.42 U	--	0.41 U	--	--
Anthracene	8270C SIM	--	--	--	--	--	--	--
Aramite	8270C	--	--	9.3 U	--	--	--	--
Benzidine	8270C	--	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	0.35 U	--	--	--	--
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	0.31 U	--	--	--	--
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	0.53 U	--	--	--	--
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	0.5 U	--	--	--	--
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	0.46 U	--	--	--	--
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	0.23 U	--	--	--	--
beta-Naphthylamine	8270C	--	--	3.1 U	--	--	--	--
bis(2-Chloroethoxy)methane	8270C	--	--	0.98 U	--	--	--	--
bis(2-Chloroethyl)ether	8270C	--	--	0.41 U	--	--	--	--
bis(2-Chloroisopropyl)ether	8270C	--	--	0.28 U	--	--	--	--
bis(2-Ethylhexyl)phthalate	8270C	--	--	0.76 J	--	0.55 U	--	--
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--	--
Butylbenzylphthalate	8270C	--	--	1 U	--	0.98 U	--	--
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--	--
Chrysene	8270C	--	--	0.54 U	--	--	--	--
Chrysene	8270C SIM	--	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	0.51 U	--	--	--	--
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	ES-17	ES-17	ES-17	ES-17	ES-17	ES-17	ES-26
	SampleType:	Primary	Field Duplicate	Primary	Field Duplicate	Primary	Field Duplicate	Primary
	Sample Name:	ES-17_012711_01	ES-17_012711_36	ES-17_042511_01	ES-17_042511_36	ES-17_072611_01	ES-17_072611_36	ES-26_011811_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/27/2011	1/27/2011	4/25/2011	4/25/2011	7/26/2011	7/26/2011	1/18/2011
Analyte (ug/L)	**Method**							
Dibenzofuran	**8270C**	--	--	0.29 U	--	--	--	--
Diethylphthalate	**8270C**	--	--	0.38 U	--	0.37 U	--	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	--	0.21 U	--	0.21 U	--	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	--	1.2 U	--	1.1 U	--	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	--	0.35 U	--	0.34 U	--	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	1.1 U	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	0.95 U	--	--	--	--
Fluoranthene	**8270C**	--	--	0.2 U	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--	--
Fluorene	**8270C**	--	--	0.31 U	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	--	--	50 U	--	--
Formaldehyde	**8315A**	8.4 U	--	8.4 U	--	--	--	8.4 U
Hexachlorobenzene	**8270C**	--	--	0.66 U	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	3.3 U	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	1.5 U	--	--	--	--
Hexachloroethane	**8270C**	--	--	2.1 U	--	--	--	--
Hexachlorophene	**8321A**	--	--	0.49 U	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	2 U	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	0.65 U	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--	--
Isodrin	**8270C**	--	--	1.8 U	--	--	--	--
Isophorone	**8270C**	--	--	0.21 U	--	--	--	--
Isosafrole	**8270C**	--	--	1 U	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	0.25 U	--	--	--	--
Methapyrilene	**8270C**	--	--	20 U	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	1 U	--	--	--	--
Naphthalene	**8270C**	--	--	0.29 U	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.79 U	--	0.82 U	--	0.79 U	--	0.79 U
n-Nitrosodiethylamine	**8270C**	--	--	1.7 U	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.0057	0.005 U	0.082	0.073	0.53	0.42	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	0.29 U	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	1.2 U	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	0.35 U	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	0.44 U	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	1.8 U	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	2 U	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	2 U	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	0.81 U	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	2 U	--	--	--	--
o-Cresol	**8270C**	--	--	0.99 U	--	--	--	--
o-Tolidine	**8270C**	--	--	4 U	--	--	--	--
o-Toluidine	**8270C**	--	--	1.4 U	--	--	--	--
p-Chloroaniline	**8270C**	--	--	2.2 U	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	2.4 U	--	--	--	--
p-Cresol	**8270C**	--	--	0.25 U	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	2 U	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	2 U	--	--	--	--
Pentachloroethane	**8270C**	--	--	2 U	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	2 U	--	--	--	--
Pentachlorophenol	**8270C**	--	--	0.85 U	--	--	--	--
Phenacetin	**8270C**	--	--	1.1 U	--	--	--	--
Phenanthrene	**8270C**	--	--	0.26 U	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--	--
Phenol	**8270C**	--	--	2 U	--	--	--	--
p-Nitroaniline	**8270C**	--	--	2 U	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	5 U	--	--	--	--
Pronamide	**8270C**	--	--	2 U	--	--	--	--
Pyrene	**8270C**	--	--	0.37 U	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--	--
Pyridine	**8270C**	--	--	1.7 U	--	--	--	--
Safrole	**8270C**	--	--	1.1 U	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	4 U	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		ES-26	ES-26	ES-26	ES-26	ES-27	ES-27	ES-27
SampleType:		Field Duplicate	Primary	Field Duplicate	Primary	Primary	Field Duplicate	Primary
Sample Name:		ES-26_011811_36	ES-26_042611_01	ES-26_042611_36	ES-26_072611_01	ES-27_011711_01	ES-27_011711_36	ES-27_042511_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/18/2011	4/26/2011	4/26/2011	7/26/2011	1/17/2011	1/17/2011	4/25/2011
Analyte (ug/L)	**Method**							
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--	1.6 U
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--	--	0.27 U
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--	--	0.29 U
1,3-Dinitrobenzene	**8270C**	1.9 U	2.1 U	2.1 U	2 U	2 U	--	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--	13 U
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--	1.9 U
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--	--	0.43 U
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--	--	0.28 U
2,4-Dichlorophenol	**8270C**	--	--	--	--	--	--	0.61 U
2,4-Dimethylphenol	**8270C**	--	--	--	--	--	--	0.55 U
2,4-Dinitrophenol	**8270C**	--	--	--	--	--	--	9.5 U
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--	--	1.6 U
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--	1.3 U
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--	--	1.8 U
2-Chloronaphthalene	**8270C**	--	--	--	--	--	--	0.25 U
2-Chlorophenol	**8270C**	--	--	--	--	--	--	1.9 U
2-Methylnaphthalene	**8270C**	--	--	--	--	--	--	0.28 U
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--	--	1.6 U
2-Nitrophenol	**8270C**	--	--	--	--	--	--	0.37 U
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--	--	1.9 U
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--	1.6 U
3-Nitroaniline	**8270C**	--	--	--	--	--	--	1.9 U
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--	--	3.8 U
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--	4.3 U
4-Bromophenylphenylether	**8270C**	--	--	--	--	--	--	0.41 U
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--	--	1.6 U
4-Nitrophenol	**8270C**	--	--	--	--	--	--	1.2 U
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--	19 U
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--	1.3 U
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--	1.5 U
Acenaphthene	**8270C**	--	--	--	--	--	--	0.27 U
Acenaphthene	**8270C SIM**	--	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--	--	0.47 U
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--	--	6.6 U
Acetophenone	**8270C**	--	--	--	--	--	--	0.23 U
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--	19 U
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--	2.9 U
alpha-Picoline	**8270C**	--	--	--	--	--	--	1.1 U
Aniline	**8270C**	--	--	--	--	--	--	1.9 U
Anthracene	**8270C**	--	0.43 U	0.43 U	0.43 U	--	--	0.4 U
Anthracene	**8270C SIM**	--	--	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--	--	8.7 U
Benzidine	**8270C**	--	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--	--	0.33 U
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--	--	0.29 U
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--	--	0.5 U
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--	--	0.48 U
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--	--	0.44 U
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--	--	0.22 U
beta-Naphthylamine	**8270C**	--	--	--	--	--	--	2.9 U
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--	--	0.92 U
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--	--	0.39 U
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--	--	0.27 U
bis(2-Ethylhexyl)phthalate	**8270C**	--	0.58 U	0.58 U	0.57 U	--	--	0.54 J
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	1 U	1 U	1 U	--	--	0.95 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--	--	0.51 U
Chrysene	**8270C SIM**	--	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--	--	0.48 U
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		ES-26	ES-26	ES-26	ES-26	ES-27	ES-27	ES-27
SampleType:		Field Duplicate	Primary	Field Duplicate	Primary	Primary	Field Duplicate	Primary
Sample Name:		ES-26_011811_36	ES-26_042611_01	ES-26_042611_36	ES-26_072611_01	ES-27_011711_01	ES-27_011711_36	ES-27_042511_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/18/2011	4/26/2011	4/26/2011	7/26/2011	1/17/2011	1/17/2011	4/25/2011
Analyte (ug/L)	**Method**							
Dibenzofuran	**8270C**	--	--	--	--	--	--	0.28 U
Diethylphthalate	**8270C**	--	10 U	10 U	0.39 U	--	--	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	0.22 U	0.22 U	0.21 U	--	--	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	1.2 U	1.2 U	1.2 U	--	--	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	0.36 U	0.36 U	0.36 U	--	--	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--	1 U
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--	0.9 U
Fluoranthene	**8270C**	--	--	--	--	--	--	0.19 U
Fluoranthene	**8270C SIM**	--	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--	0.29 U
Fluorene	**8270C SIM**	--	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	--	50 U	--	--	--
Formaldehyde	**8315A**	8.4 U	8.4 U	8.4 U	--	50 U	--	8.4 U
Hexachlorobenzene	**8270C**	--	--	--	--	--	--	0.63 U
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--	3.1 U
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--	1.5 U
Hexachloroethane	**8270C**	--	--	--	--	--	--	2 U
Hexachlorophene	**8321A**	--	--	--	--	--	--	0.49 U
Hexachlorophene	**8151A**	--	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--	1.9 U
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--	0.62 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--	1.7 U
Isophorone	**8270C**	--	--	--	--	--	--	0.2 U
Isosafrole	**8270C**	--	--	--	--	--	--	0.95 U
Kepone	**8270C**	--	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--	0.24 U
Methapyrilene	**8270C**	--	--	--	--	--	--	19 U
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--	0.95 U
Naphthalene	**8270C**	--	--	--	--	--	--	0.28 U
Naphthalene	**8270C SIM**	--	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.79 U	0.84 U	0.84 U	0.83 U	0.81 U	--	0.77 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--	1.6 U
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.0059	0.0058	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--	0.28 U
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--	1.2 U
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--	0.33 U
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--	0.42 U
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--	1.7 U
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--	1.9 U
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--	1.9 U
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--	0.76 U
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--	1.9 U
o-Cresol	**8270C**	--	--	--	--	--	--	0.93 U
o-Tolidine	**8270C**	--	--	--	--	--	--	3.8 U
o-Toluidine	**8270C**	--	--	--	--	--	--	1.3 U
p-Chloroaniline	**8270C**	--	--	--	--	--	--	2 U
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--	2.3 U
p-Cresol	**8270C**	--	--	--	--	--	--	0.24 U
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--	1.9 U
Pentachlorobenzene	**8270C**	--	--	--	--	--	--	1.9 U
Pentachloroethane	**8270C**	--	--	--	--	--	--	1.9 U
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--	1.9 U
Pentachlorophenol	**8270C**	--	--	--	--	--	--	0.76 U
Phenacetin	**8270C**	--	--	--	--	--	--	1 U
Phenanthrene	**8270C**	--	--	--	--	--	--	0.25 U
Phenanthrene	**8270C SIM**	--	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--	1.9 U
p-Nitroaniline	**8270C**	--	--	--	--	--	--	1.9 U
p-Phenylenediamine	**8270C**	--	--	--	--	--	--	4.8 U
Pronamide	**8270C**	--	--	--	--	--	--	1.9 U
Pyrene	**8270C**	--	--	--	--	--	--	0.35 U
Pyrene	**8270C SIM**	--	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--	1.6 U
Safrole	**8270C**	--	--	--	--	--	--	1.1 U
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--	3.8 U

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		ES-27	FDP-835	FDP-890	HAR-01	HAR-01	HAR-01
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate	Primary
Sample Name:		ES-27_072611_01	FDP-835_011411_01	FDP-890_011411_01	HAR-01_020111_01	HAR-01_020111_36	HAR-01_042011_01
Groundwater Unit:		Shallow	--	--	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/26/2011	1/14/2011	1/14/2011	2/1/2011	2/1/2011	4/20/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	--	1.9 U
1,2,4-Trichlorobenzene	8270C	--	--	--	--	--	0.3 U
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	--	--	--	0.32 U
1,3-Dinitrobenzene	8270C	2 U	--	--	1.9 U	--	2.2 U
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	--	--	--	15 U
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	--	2.2 U
2,4,5-Trichlorophenol	8270C	--	--	--	--	--	0.49 U
2,4,6-Trichlorophenol	8270C	--	--	--	--	--	0.31 U
2,4-Dichlorophenol	8270C	--	--	--	--	--	0.69 U
2,4-Dimethylphenol	8270C	--	--	--	--	--	0.63 U
2,4-Dinitrophenol	8270C	--	--	--	--	--	11 U
2,4-Dinitrotoluene	8270C	--	--	--	--	--	1.8 U
2,6-Dichlorophenol	8270C	--	--	--	--	--	1.5 U
2,6-Dinitrotoluene	8270C	--	--	--	--	--	2 U
2-Chloronaphthalene	8270C	--	--	--	--	--	0.28 U
2-Chlorophenol	8270C	--	--	--	--	--	2.2 U
2-Methylnaphthalene	8270C	--	--	--	--	--	0.31 U
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	--	--	--	1.9 U
2-Nitrophenol	8270C	--	--	--	--	--	0.42 U
3,3'-Dichlorobenzidine	8270C	--	--	--	--	--	2.2 U
3-Methylcholanthrene	8270C	--	--	--	--	--	1.8 U
3-Nitroaniline	8270C	--	--	--	--	--	2.2 U
4,6-Dinitro-o-cresol	8270C	--	--	--	--	--	4.3 U
4-Aminobiphenyl	8270C	--	--	--	--	--	4.9 U
4-Bromophenylphenylether	8270C	--	--	--	--	--	0.46 U
4-Chlorophenylphenylether	8270C	--	--	--	--	--	1.8 U
4-Nitrophenol	8270C	--	--	--	--	--	1.3 U
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	--	22 U
5-Nitro-o-toluidine	8270C	--	--	--	--	--	1.5 U
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	--	1.7 U
Acenaphthene	8270C	--	--	--	--	--	0.3 U
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	--	--	--	0.53 U
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	--	--	--	7.5 U
Acetophenone	8270C	--	--	--	--	--	0.26 U
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	--	22 U
alpha-Naphthylamine	8270C	--	--	--	--	--	3.3 U
alpha-Picoline	8270C	--	--	--	--	--	1.3 U
Aniline	8270C	--	--	--	--	--	2.2 U
Anthracene	8270C	0.42 U	--	--	--	--	0.45 U
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	--	--	--	9.9 U
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	--	--	--	0.38 U
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	--	--	--	0.33 U
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	--	--	--	0.57 U
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	--	--	--	0.54 U
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	--	--	--	0.5 U
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	--	--	--	0.25 U
beta-Naphthylamine	8270C	--	--	--	--	--	3.3 U
bis(2-Chloroethoxy)methane	8270C	--	--	--	--	--	1 U
bis(2-Chloroethyl)ether	8270C	--	--	--	--	--	0.44 U
bis(2-Chloroisopropyl)ether	8270C	--	--	--	--	--	0.3 U
bis(2-Ethylhexyl)phthalate	8270C	0.55 U	--	--	0.53 U	--	0.6 U
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	0.99 U	--	--	0.95 U	--	1.1 U
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	--	--	--	0.58 U
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	--	--	--	0.55 U
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		ES-27	FDP-835	FDP-890	HAR-01	HAR-01	HAR-01
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate	Primary
Sample Name:		ES-27_072611_01	FDP-835_011411_01	FDP-890_011411_01	HAR-01_020111_01	HAR-01_020111_36	HAR-01_042011_01
Groundwater Unit:		Shallow	--	--	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/26/2011	1/14/2011	1/14/2011	2/1/2011	2/1/2011	4/20/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	0.31 U
Diethylphthalate	**8270C**	0.38 U	--	--	0.36 U	--	0.41 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.21 U	--	--	0.2 U	--	0.23 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	--	--	1.1 U	--	1.3 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.35 U	--	--	0.33 U	--	0.38 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	1.1 U
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	1 U
Fluoranthene	**8270C**	--	--	--	--	--	0.22 U
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	0.33 U
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	50 U	--	--	--	--	--
Formaldehyde	**8315A**	--	--	--	8.4 U	--	8.4 U
Hexachlorobenzene	**8270C**	--	--	--	--	--	0.71 U
Hexachlorobutadiene	**8270C**	--	--	--	--	--	3.6 U
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	1.6 U
Hexachloroethane	**8270C**	--	--	--	--	--	2.3 U
Hexachlorophene	**8321A**	--	--	--	--	--	0.49 UJ
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	2.2 U
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	0.7 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	1.9 U
Isophorone	**8270C**	--	--	--	--	--	0.23 U
Isosafrole	**8270C**	--	--	--	--	--	1.1 U
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	0.27 U
Methapyrilene	**8270C**	--	--	--	--	--	22 U
Methylmethanesulfonate	**8270C**	--	--	--	--	--	1.1 U
Naphthalene	**8270C**	--	--	--	--	--	0.31 U
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.8 U	--	--	0.77 U	--	0.87 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	1.9 U
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.0082	0.0088	0.017
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	0.31 U
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	1.3 U
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	0.38 U
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	0.47 U
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	1.9 U
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	2.2 U
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	2.2 U
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	0.87 U
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	2.2 U
o-Cresol	**8270C**	--	--	--	--	--	1.1 U
o-Tolidine	**8270C**	--	--	--	--	--	4.3 U
o-Toluidine	**8270C**	--	--	--	--	--	1.5 U
p-Chloroaniline	**8270C**	--	--	--	--	--	2.3 U
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	2.6 U
p-Cresol	**8270C**	--	--	--	--	--	0.27 U
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	2.2 U
Pentachlorobenzene	**8270C**	--	--	--	--	--	2.2 U
Pentachloroethane	**8270C**	--	--	--	--	--	2.2 U
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	2.2 U
Pentachlorophenol	**8270C**	--	--	--	--	--	0.77 U
Phenacetin	**8270C**	--	--	--	--	--	1.2 U
Phenanthrene	**8270C**	--	--	--	--	--	0.28 U
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	2.2 U
p-Nitroaniline	**8270C**	--	--	--	--	--	2.2 U
p-Phenylenediamine	**8270C**	--	--	--	--	--	5.4 U
Pronamide	**8270C**	--	--	--	--	--	2.2 U
Pyrene	**8270C**	--	--	--	--	--	0.4 U
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	1.8 U
Safrole	**8270C**	--	--	--	--	--	1.2 U
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	4.3 U

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-01	HAR-01	HAR-01	HAR-02	HAR-03	HAR-03
	SampleType:	Field Duplicate	Primary	Field Duplicate	Primary	Primary	Primary
	Sample Name:	HAR-01_042011_36	HAR-01_080911_01	HAR-01_080911_36	HAR-02_042211_01	HAR-03_012511_01	HAR-03_042011_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	4/20/2011	8/9/2011	8/9/2011	4/22/2011	1/25/2011	4/20/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	1.8 U	--	1.7 U
1,2,4-Trichlorobenzene	**8270C**	--	--	--	0.28 U	--	0.28 U
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	0.31 U	--	0.3 U
1,3-Dinitrobenzene	**8270C**	--	1.9 U	--	2 U	2 U	2 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	14 U	--	14 U
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	2 U	--	2 U
2,4,5-Trichlorophenol	**8270C**	--	--	--	0.46 U	--	0.45 U
2,4,6-Trichlorophenol	**8270C**	--	--	--	0.3 U	--	0.29 U
2,4-Dichlorophenol	**8270C**	--	--	--	0.65 U	--	0.65 U
2,4-Dimethylphenol	**8270C**	--	--	--	0.59 U	--	0.59 U
2,4-Dinitrophenol	**8270C**	--	--	--	10 U	--	10 U
2,4-Dinitrotoluene	**8270C**	--	--	--	1.7 U	--	1.7 U
2,6-Dichlorophenol	**8270C**	--	--	--	1.4 U	--	1.4 U
2,6-Dinitrotoluene	**8270C**	--	--	--	1.9 U	--	1.9 U
2-Chloronaphthalene	**8270C**	--	--	--	0.26 U	--	0.26 U
2-Chlorophenol	**8270C**	--	--	--	2 U	--	2 U
2-Methylnaphthalene	**8270C**	--	--	--	0.3 U	--	0.29 U
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	1.8 U	--	1.7 U
2-Nitrophenol	**8270C**	--	--	--	0.4 U	--	0.39 U
3,3'-Dichlorobenzidine	**8270C**	--	--	--	2 U	--	2 U
3-Methylcholanthrene	**8270C**	--	--	--	1.7 U	--	1.7 U
3-Nitroaniline	**8270C**	--	--	--	2 U	--	2 U
4,6-Dinitro-o-cresol	**8270C**	--	--	--	4.1 U	--	4 U
4-Aminobiphenyl	**8270C**	--	--	--	4.6 U	--	4.5 U
4-Bromophenylphenylether	**8270C**	--	--	--	0.44 U	--	0.43 U
4-Chlorophenylphenylether	**8270C**	--	--	--	1.7 U	--	1.7 U
4-Nitrophenol	**8270C**	--	--	--	1.3 U	--	1.2 U
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	20 U	--	20 U
5-Nitro-o-toluidine	**8270C**	--	--	--	1.4 U	--	1.4 U
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	1.6 U	--	1.6 U
Acenaphthene	**8270C**	--	--	--	0.28 U	--	0.28 U
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	0.5 U	--	0.49 U
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	7.1 U	--	7.1 U
Acetophenone	**8270C**	--	--	--	0.24 U	--	0.24 U
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	20 U	--	20 U
alpha-Naphthylamine	**8270C**	--	--	--	3.2 U	--	3.1 U
alpha-Picoline	**8270C**	--	--	--	1.2 U	--	1.2 U
Aniline	**8270C**	--	--	--	2 U	--	2 U
Anthracene	**8270C**	--	--	--	0.43 U	--	0.42 U
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	--	9.4 U	--	9.3 U
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	0.36 U	--	0.35 U
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	0.32 U	--	0.31 U
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	0.54 U	--	0.54 U
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	1.8 J	--	0.5 U
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	0.47 U	--	0.46 U
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	0.23 U	--	0.23 U
beta-Naphthylamine	**8270C**	--	--	--	3.1 U	--	3.1 U
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	0.99 U	--	0.98 U
bis(2-Chloroethyl)ether	**8270C**	--	--	--	0.42 U	--	0.41 U
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	0.28 U	--	0.28 U
bis(2-Ethylhexyl)phthalate	**8270C**	--	9.5 U	--	0.9 J	0.55 U	3.1 J
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	0.95 U	--	1 U	0.99 U	1 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	--	--	--	0.55 U	--	0.55 U
Chrysene	**8270C SIM**	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	0.52 U	--	0.52 U
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-01	HAR-01	HAR-01	HAR-02	HAR-03	HAR-03
	SampleType:	Field Duplicate	Primary	Field Duplicate	Primary	Primary	Primary
	Sample Name:	HAR-01_042011_36	HAR-01_080911_01	HAR-01_080911_36	HAR-02_042211_01	HAR-03_012511_01	HAR-03_042011_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	4/20/2011	8/9/2011	8/9/2011	4/22/2011	1/25/2011	4/20/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	0.3 U	--	0.29 U
Diethylphthalate	**8270C**	--	0.36 U	--	0.39 U	0.38 U	0.38 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	0.2 U	--	0.21 U	0.21 U	0.21 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	1.1 U	--	1.2 U	1.1 U	1.2 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	0.33 U	--	0.36 J	0.35 U	0.35 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	1.1 U	--	1.1 U
Ethylmethanesulfonate	**8270C**	--	--	--	0.96 U	--	0.95 U
Fluoranthene	**8270C**	--	--	--	0.2 U	--	0.2 U
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	0.32 U	--	0.31 U
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	50 U	--	--	--	--
Formaldehyde	**8315A**	--	--	--	8.4 U	8.4 U	8.4 U
Hexachlorobenzene	**8270C**	--	--	--	0.67 U	--	0.67 U
Hexachlorobutadiene	**8270C**	--	--	--	3.4 U	--	3.3 U
Hexachlorocyclopentadiene	**8270C**	--	--	--	1.6 U	--	1.5 U
Hexachloroethane	**8270C**	--	--	--	2.1 U	--	2.1 U
Hexachlorophene	**8321A**	--	--	--	0.49 U	--	0.49 U
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	2 U	--	2 U
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	0.66 U	--	0.66 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	1.8 U	--	1.8 U
Isophorone	**8270C**	--	--	--	0.21 U	--	0.21 U
Isosafrole	**8270C**	--	--	--	1 U	--	1 U
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	0.25 U	--	0.25 U
Methapyrilene	**8270C**	--	--	--	20 U	--	20 U
Methylmethanesulfonate	**8270C**	--	--	--	1 U	--	1 U
Naphthalene	**8270C**	--	--	--	0.3 U	--	0.29 U
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	--	0.77 U	--	0.82 U	0.8 U	0.82 U
n-Nitrosodiethylamine	**8270C**	--	--	--	1.8 U	--	1.7 U
n-Nitrosodimethylamine	**1625M**	0.018	0.027 J	0.032 J	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	0.3 U	--	0.29 U
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	1.2 U	--	1.2 U
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	0.36 U	--	0.35 U
n-Nitrosodiphenylamine	**8270C**	--	--	--	0.45 U	--	0.44 U
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	1.8 U	--	1.8 U
n-Nitrosomorpholine	**8270C**	--	--	--	2 U	--	2 U
n-Nitrosopiperidine	**8270C**	--	--	--	2 U	--	2 U
n-Nitrosopyrrolidine	**8270C**	--	--	--	0.82 U	--	0.81 U
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	2 U	--	2 U
o-Cresol	**8270C**	--	--	--	1 U	--	0.99 U
o-Tolidine	**8270C**	--	--	--	4.1 U	--	4 U
o-Toluidine	**8270C**	--	--	--	1.4 U	--	1.4 U
p-Chloroaniline	**8270C**	--	--	--	2.2 U	--	2.2 U
p-Chloro-m-cresol	**8270C**	--	--	--	2.5 U	--	2.4 U
p-Cresol	**8270C**	--	--	--	0.25 U	--	0.25 U
p-Dimethylaminoazobenzene	**8270C**	--	--	--	2 U	--	2 U
Pentachlorobenzene	**8270C**	--	--	--	2 U	--	2 U
Pentachloroethane	**8270C**	--	--	--	2 U	--	2 U
Pentachloronitrobenzene	**8270C**	--	--	--	2 U	--	2 U
Pentachlorophenol	**8270C**	--	--	--	0.83 U	--	0.82 U
Phenacetin	**8270C**	--	--	--	1.1 U	--	1.1 U
Phenanthrene	**8270C**	--	--	--	0.26 U	--	0.26 U
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	2 U	--	2 U
p-Nitroaniline	**8270C**	--	--	--	2 U	--	2 U
p-Phenylenediamine	**8270C**	--	--	--	5.1 U	--	5 U
Pronamide	**8270C**	--	--	--	2 U	--	2 U
Pyrene	**8270C**	--	--	--	0.38 U	--	0.37 U
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	1.7 U	--	1.7 U
Safrole	**8270C**	--	--	--	1.1 U	--	1.1 U
sym-Trinitrobenzene	**8270C**	--	--	--	4.1 U	--	4 U

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-03	HAR-04	HAR-04	HAR-04	HAR-04	HAR-04
SampleType:		Primary	Primary	Primary	Split	Primary	Field Duplicate
Sample Name:		HAR-03_080811_01	HAR-04_012511_01	HAR-04_042011_01	HAR-04_042011_03	HAR-04_080511_01	HAR-04_080511_36
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver
Collection Date:		8/8/2011	1/25/2011	4/20/2011	4/20/2011	8/5/2011	8/5/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	1.7 U	2.5 U	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	0.27 U	2.5 U	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	0.29 U	3 U	--	--
1,3-Dinitrobenzene	**8270C**	2 U	2 U	1.9 U	3.5 U	2.1 U	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	13 U	4 U	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	1.9 U	4.5 U	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	0.43 U	3 U	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	0.28 U	4.5 U	--	--
2,4-Dichlorophenol	**8270C**	--	--	0.62 U	3.5 U	--	--
2,4-Dimethylphenol	**8270C**	--	--	0.56 U	3.5 U	--	--
2,4-Dinitrophenol	**8270C**	--	--	9.6 U	7.9 U	--	--
2,4-Dinitrotoluene	**8270C**	--	--	1.6 U	3.5 U	--	--
2,6-Dichlorophenol	**8270C**	--	--	1.3 U	5.9 U	--	--
2,6-Dinitrotoluene	**8270C**	--	--	1.8 U	2 U	--	--
2-Chloronaphthalene	**8270C**	--	--	0.25 U	3 U	--	--
2-Chlorophenol	**8270C**	--	--	1.9 U	3 U	--	--
2-Methylnaphthalene	**8270C**	--	--	0.28 U	2 U	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	1.7 U	2 U	--	--
2-Nitrophenol	**8270C**	--	--	0.37 U	3.5 U	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	1.9 U	7.4 U	--	--
3-Methylcholanthrene	**8270C**	--	--	1.6 U	2.5 U	--	--
3-Nitroaniline	**8270C**	--	--	1.9 U	3 U	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	3.8 U	4 U	--	--
4-Aminobiphenyl	**8270C**	--	--	4.3 U	5 U	--	--
4-Bromophenylphenylether	**8270C**	--	--	0.41 U	3 U	--	--
4-Chlorophenylphenylether	**8270C**	--	--	1.6 U	2.5 U	--	--
4-Nitrophenol	**8270C**	--	--	1.2 U	5.4 U	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	19 U	3 U	--	--
5-Nitro-o-toluidine	**8270C**	--	--	1.3 U	3 U	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	1.5 U	4 U	--	--
Acenaphthene	**8270C**	--	--	0.27 U	3 U	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	0.47 U	3 U	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	6.7 U	3 U	--	--
Acetophenone	**8270C**	--	--	0.23 U	4 U	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	19 U	40 U	--	--
alpha-Naphthylamine	**8270C**	--	--	3 U	5.4 U	--	--
alpha-Picoline	**8270C**	--	--	1.2 U	2.5 U	--	--
Aniline	**8270C**	--	--	1.9 U	3.5 U	--	--
Anthracene	**8270C**	--	--	0.4 U	2.5 U	0.43 U	0.4 U
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	8.8 U	4.5 U	--	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	0.34 U	2.5 U	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	0.3 U	3 U	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	0.51 U	2 U	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	0.48 U	4 U	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	0.44 U	2.5 U	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	0.22 U	3.5 U	--	--
beta-Naphthylamine	**8270C**	--	--	3 U	4 U	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	0.93 U	3 U	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	0.39 U	3 U	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	0.27 U	2.5 U	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	9.8 U	0.56 U	0.54 U	4 U	1.8 J	1.9 J
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.98 U	1 U	0.96 U	4 U	1 U	0.95 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	--	--	0.52 U	2.5 U	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	0.49 U	3 U	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-03	HAR-04	HAR-04	HAR-04	HAR-04	HAR-04
SampleType:		Primary	Primary	Primary	Split	Primary	Field Duplicate
Sample Name:		HAR-03_080811_01	HAR-04_012511_01	HAR-04_042011_01	HAR-04_042011_03	HAR-04_080511_01	HAR-04_080511_36
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver
Collection Date:		8/8/2011	1/25/2011	4/20/2011	4/20/2011	8/5/2011	8/5/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	0.28 U	4 U	--	--
Diethylphthalate	**8270C**	0.37 U	0.38 U	0.37 U	3.5 U	0.39 U	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	0.21 U	0.2 U	2.5 U	0.22 U	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.2 U	1.1 U	3 U	1.2 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.34 U	0.35 U	0.34 U	3.5 U	0.36 U	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	1 U	3 U	--	--
Ethylmethanesulfonate	**8270C**	--	--	0.91 U	4 U	--	--
Fluoranthene	**8270C**	--	--	0.19 U	3 U	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	0.3 U	3 U	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	50 U	--	--	--	50 U	50 U
Formaldehyde	**8315A**	--	8.4 U	8.4 U	10 U	--	--
Hexachlorobenzene	**8270C**	--	--	0.63 U	3 U	--	--
Hexachlorobutadiene	**8270C**	--	--	3.2 U	4 U	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	1.5 U	5 U	--	--
Hexachloroethane	**8270C**	--	--	2 U	3.5 U	--	--
Hexachlorophene	**8321A**	--	--	0.49 U	--	--	--
Hexachlorophene	**8151A**	--	--	--	0.048 U	--	--
Hexachloropropene	**8270C**	--	--	1.9 U	9.9 U	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	0.62 U	3.5 U	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	1.7 U	3.5 U	--	--
Isophorone	**8270C**	--	--	0.2 U	3 U	--	--
Isosafrole	**8270C**	--	--	0.96 U	5.9 U	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	5.9 U	--	--
m-Cresol	**8270C**	--	--	0.24 U	--	--	--
Methapyrilene	**8270C**	--	--	19 U	4 U	--	--
Methylmethanesulfonate	**8270C**	--	--	0.96 U	5 U	--	--
Naphthalene	**8270C**	--	--	0.28 U	3 U	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.79 U	0.81 U	0.78 U	3 U	0.83 U	0.77 U
n-Nitrosodiethylamine	**8270C**	--	--	1.7 U	3 U	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.00075 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	0.28 U	2.5 U	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	1.2 U	4.5 U	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	0.34 U	3.5 U	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	0.42 U	2 U	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	1.7 U	2.5 U	--	--
n-Nitrosomorpholine	**8270C**	--	--	1.9 U	4 U	--	--
n-Nitrosopiperidine	**8270C**	--	--	1.9 U	4 U	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	0.77 U	4 U	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	1.9 U	4.5 U	--	--
o-Cresol	**8270C**	--	--	0.94 U	3 U	--	--
o-Tolidine	**8270C**	--	--	3.8 U	6.9 U	--	--
o-Toluidine	**8270C**	--	--	1.3 U	2.5 U	--	--
p-Chloroaniline	**8270C**	--	--	2.1 U	2 U	--	--
p-Chloro-m-cresol	**8270C**	--	--	2.3 U	2.5 U	--	--
p-Cresol	**8270C**	--	--	0.24 U	3 U	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	1.9 U	4 U	--	--
Pentachlorobenzene	**8270C**	--	--	1.9 U	3 U	--	--
Pentachloroethane	**8270C**	--	--	1.9 U	2 U	--	--
Pentachloronitrobenzene	**8270C**	--	--	1.9 U	2.5 U	--	--
Pentachlorophenol	**8270C**	--	--	0.8 U	3.5 U	--	--
Phenacetin	**8270C**	--	--	1 U	3.5 U	--	--
Phenanthrene	**8270C**	--	--	0.25 U	3.5 U	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	1.9 U	2 U	--	--
p-Nitroaniline	**8270C**	--	--	1.9 U	4 U	--	--
p-Phenylenediamine	**8270C**	--	--	4.8 U	25 U	--	--
Pronamide	**8270C**	--	--	1.9 U	5 U	--	--
Pyrene	**8270C**	--	--	0.36 U	4 U	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	1.6 U	2.5 U	--	--
Safrole	**8270C**	--	--	1.1 U	4 U	--	--
sym-Trinitrobenzene	**8270C**	--	--	3.8 U	2.5 U	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-05	HAR-05	HAR-05	HAR-07	HAR-07	HAR-07
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate	Primary
Sample Name:		HAR-05_012411_01	HAR-05_041311_01	HAR-05_072511_01	HAR-07_012711_01	HAR-07_012711_36	HAR-07_041211_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/24/2011	4/13/2011	7/25/2011	1/27/2011	1/27/2011	4/12/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	--	1.8 U
1,2,4-Trichlorobenzene	8270C	--	--	--	--	--	0.3 U
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	--	--	--	0.32 U
1,3-Dinitrobenzene	8270C	2 U	2.1 U	1.9 U	1.9 U	--	2.1 U
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	--	--	--	15 U
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	--	2.1 U
2,4,5-Trichlorophenol	8270C	--	--	--	--	--	0.48 U
2,4,6-Trichlorophenol	8270C	--	--	--	--	--	0.31 U
2,4-Dichlorophenol	8270C	--	--	--	--	--	0.68 U
2,4-Dimethylphenol	8270C	--	--	--	--	--	0.62 U
2,4-Dinitrophenol	8270C	--	--	--	--	--	11 U
2,4-Dinitrotoluene	8270C	--	--	--	--	--	1.8 U
2,6-Dichlorophenol	8270C	--	--	--	--	--	1.4 U
2,6-Dinitrotoluene	8270C	--	--	--	--	--	2 U
2-Chloronaphthalene	8270C	--	--	--	--	--	0.28 U
2-Chlorophenol	8270C	--	--	--	--	--	2.1 U
2-Methylnaphthalene	8270C	--	--	--	--	--	0.31 U
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	--	--	--	1.8 U
2-Nitrophenol	8270C	--	--	--	--	--	0.42 U
3,3'-Dichlorobenzidine	8270C	--	--	--	--	--	2.1 U
3-Methylcholanthrene	8270C	--	--	--	--	--	1.8 U
3-Nitroaniline	8270C	--	--	--	--	--	2.1 U
4,6-Dinitro-o-cresol	8270C	--	--	--	--	--	4.3 U
4-Aminobiphenyl	8270C	--	--	--	--	--	4.8 U
4-Bromophenylphenylether	8270C	--	--	--	--	--	0.46 U
4-Chlorophenylphenylether	8270C	--	--	--	--	--	1.8 U
4-Nitrophenol	8270C	--	--	--	--	--	1.3 U
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	--	21 U
5-Nitro-o-toluidine	8270C	--	--	--	--	--	1.5 U
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	--	1.7 U
Acenaphthene	8270C	--	--	--	--	--	0.3 U
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	--	--	--	0.52 U
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	--	--	--	7.5 U
Acetophenone	8270C	--	--	--	--	--	0.26 U
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	--	21 U
alpha-Naphthylamine	8270C	--	--	--	--	--	3.3 U
alpha-Picoline	8270C	--	--	--	--	--	1.3 U
Aniline	8270C	--	--	--	--	--	2.1 U
Anthracene	8270C	--	--	--	--	--	0.45 U
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	--	--	--	9.8 U
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	--	--	--	0.37 U
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	--	--	--	0.33 U
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	--	--	--	0.57 U
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	--	--	--	0.53 U
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	--	--	--	0.49 U
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	--	--	--	0.25 U
beta-Naphthylamine	8270C	--	--	--	--	--	3.3 U
bis(2-Chloroethoxy)methane	8270C	--	--	--	--	--	1 U
bis(2-Chloroethyl)ether	8270C	--	--	--	--	--	0.44 U
bis(2-Chloroisopropyl)ether	8270C	--	--	--	--	--	0.3 U
bis(2-Ethylhexyl)phthalate	8270C	--	--	--	--	--	0.6 U
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	--	--	--	--	--	1.1 U
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	--	--	--	0.58 U
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	--	--	--	0.54 U
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-05	HAR-05	HAR-05	HAR-07	HAR-07	HAR-07
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate	Primary
Sample Name:		HAR-05_012411_01	HAR-05_041311_01	HAR-05_072511_01	HAR-07_012711_01	HAR-07_012711_36	HAR-07_041211_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/24/2011	4/13/2011	7/25/2011	1/27/2011	1/27/2011	4/12/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	0.31 U
Diethylphthalate	**8270C**	--	--	--	--	--	0.41 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	--	--	--	--	0.22 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	--	--	--	--	1.2 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	--	--	--	--	0.37 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	1.1 U
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	1 U
Fluoranthene	**8270C**	--	--	--	--	--	0.21 U
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	0.33 U
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	50 U	--	--	--
Formaldehyde	**8315A**	8.4 U	8.4 U	--	8.4 U	--	8.4 U
Hexachlorobenzene	**8270C**	--	--	--	--	--	0.7 U
Hexachlorobutadiene	**8270C**	--	--	--	--	--	3.5 U
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	1.6 U
Hexachloroethane	**8270C**	--	--	--	--	--	2.2 U
Hexachlorophene	**8321A**	--	--	--	--	--	0.49 U
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	2.1 U
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	0.69 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	1.9 U
Isophorone	**8270C**	--	--	--	--	--	0.22 U
Isosafrole	**8270C**	--	--	--	--	--	1.1 U
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	0.27 U
Methapyrilene	**8270C**	--	--	--	--	--	21 U
Methylmethanesulfonate	**8270C**	--	--	--	--	--	1.1 U
Naphthalene	**8270C**	--	--	--	--	--	0.31 U
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.81 U	0.83 U	0.77 U	0.78 U	--	0.86 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	1.8 U
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.025	0.024	0.038
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	0.31 U
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	1.3 U
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	0.37 U
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	0.47 U
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	1.9 U
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	2.1 U
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	2.1 U
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	0.86 U
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	2.1 U
o-Cresol	**8270C**	--	--	--	--	--	1 U
o-Tolidine	**8270C**	--	--	--	--	--	4.3 U
o-Toluidine	**8270C**	--	--	--	--	--	1.5 U
p-Chloroaniline	**8270C**	--	--	--	--	--	2.3 U
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	2.6 U
p-Cresol	**8270C**	--	--	--	--	--	0.27 U
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	2.1 U
Pentachlorobenzene	**8270C**	--	--	--	--	--	2.1 U
Pentachloroethane	**8270C**	--	--	--	--	--	2.1 U
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	2.1 U
Pentachlorophenol	**8270C**	--	--	--	--	--	0.84 U
Phenacetin	**8270C**	--	--	--	--	--	1.2 U
Phenanthrene	**8270C**	--	--	--	--	--	0.28 U
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	2.1 U
p-Nitroaniline	**8270C**	--	--	--	--	--	2.1 U
p-Phenylenediamine	**8270C**	--	--	--	--	--	5.3 U
Pronamide	**8270C**	--	--	--	--	--	2.1 U
Pyrene	**8270C**	--	--	--	--	--	0.39 U
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	1.8 U
Safrole	**8270C**	--	--	--	--	--	1.2 U
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	4.3 U

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-07	HAR-07	HAR-07	HAR-08	HAR-08	HAR-08
SampleType:		Field Duplicate	Primary	Field Duplicate	Primary	Field Duplicate	Primary
Sample Name:		HAR-07_041211_36	HAR-07_080211_01	HAR-07_080211_36	HAR-08_011711_01	HAR-08_011711_36	HAR-08_041911_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/12/2011	8/2/2011	8/2/2011	1/17/2011	1/17/2011	4/19/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	1.8 U	--	--	--	--	1.7 U
1,2,4-Trichlorobenzene	**8270C**	0.29 U	--	--	--	--	0.27 U
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	0.31 U	--	--	--	--	0.29 U
1,3-Dinitrobenzene	**8270C**	2.1 U	1.9 U	--	2.1 U	--	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	14 U	--	--	--	--	13 U
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	2.1 U	--	--	--	--	1.9 U
2,4,5-Trichlorophenol	**8270C**	0.47 U	--	--	--	--	0.43 U
2,4,6-Trichlorophenol	**8270C**	0.3 U	--	--	--	--	0.28 U
2,4-Dichlorophenol	**8270C**	0.67 U	--	--	--	--	0.61 U
2,4-Dimethylphenol	**8270C**	0.61 U	--	--	--	--	0.55 U
2,4-Dinitrophenol	**8270C**	10 U	--	--	--	--	9.6 U
2,4-Dinitrotoluene	**8270C**	1.7 U	--	--	--	--	1.6 U
2,6-Dichlorophenol	**8270C**	1.4 U	--	--	--	--	1.3 U
2,6-Dinitrotoluene	**8270C**	2 U	--	--	--	--	1.8 U
2-Chloronaphthalene	**8270C**	0.27 U	--	--	--	--	0.25 U
2-Chlorophenol	**8270C**	2.1 U	--	--	--	--	1.9 U
2-Methylnaphthalene	**8270C**	0.3 U	--	--	--	--	0.28 U
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	1.8 U	--	--	--	--	1.7 U
2-Nitrophenol	**8270C**	0.41 U	--	--	--	--	0.37 U
3,3'-Dichlorobenzidine	**8270C**	2.1 U	--	--	--	--	1.9 U
3-Methylcholanthrene	**8270C**	1.8 U	--	--	--	--	1.6 U
3-Nitroaniline	**8270C**	2.1 U	--	--	--	--	1.9 U
4,6-Dinitro-o-cresol	**8270C**	4.2 U	--	--	--	--	3.8 U
4-Aminobiphenyl	**8270C**	4.7 U	--	--	--	--	4.3 U
4-Bromophenylphenylether	**8270C**	0.45 U	--	--	--	--	0.41 U
4-Chlorophenylphenylether	**8270C**	1.7 U	--	--	--	--	1.6 U
4-Nitrophenol	**8270C**	1.3 U	--	--	--	--	1.2 U
4-Nitroquinoline-1-oxide	**8270C**	21 U	--	--	--	--	19 U
5-Nitro-o-toluidine	**8270C**	1.5 U	--	--	--	--	1.3 U
7,12-Dimethylbenz(a)anthracene	**8270C**	1.6 U	--	--	--	--	1.5 U
Acenaphthene	**8270C**	0.29 U	--	--	--	--	0.27 U
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	0.51 U	--	--	--	--	0.47 U
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	7.3 U	--	--	--	--	6.7 U
Acetophenone	**8270C**	0.25 U	--	--	--	--	0.23 U
alpha,alpha-Dimethylphenethylamine	**8270C**	21 U	--	--	--	--	19 U
alpha-Naphthylamine	**8270C**	3.2 U	--	--	--	--	3 U
alpha-Picoline	**8270C**	1.3 U	--	--	--	--	1.1 U
Aniline	**8270C**	2.1 U	--	--	--	--	1.9 U
Anthracene	**8270C**	0.44 U	--	--	--	--	0.4 U
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	9.6 U	--	--	--	--	8.8 U
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	0.37 U	--	--	--	--	0.33 U
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	0.32 U	--	--	--	--	0.3 U
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	0.55 U	--	--	--	--	0.51 U
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	0.52 U	--	--	--	--	0.48 U
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	0.48 U	--	--	--	--	0.44 U
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	0.24 U	--	--	--	--	0.22 U
beta-Naphthylamine	**8270C**	3.2 U	--	--	--	--	3 U
bis(2-Chloroethoxy)methane	**8270C**	1 U	--	--	--	--	0.93 U
bis(2-Chloroethyl)ether	**8270C**	0.43 U	--	--	--	--	0.39 U
bis(2-Chloroisopropyl)ether	**8270C**	0.29 U	--	--	--	--	0.27 U
bis(2-Ethylhexyl)phthalate	**8270C**	0.59 U	--	--	--	--	0.54 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	1 U	--	--	--	--	0.96 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	0.56 U	--	--	--	--	0.52 U
Chrysene	**8270C SIM**	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	0.53 U	--	--	--	--	0.49 U
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-07	HAR-07	HAR-07	HAR-08	HAR-08	HAR-08
SampleType:		Field Duplicate	Primary	Field Duplicate	Primary	Field Duplicate	Primary
Sample Name:		HAR-07_041211_36	HAR-07_080211_01	HAR-07_080211_36	HAR-08_011711_01	HAR-08_011711_36	HAR-08_041911_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/12/2011	8/2/2011	8/2/2011	1/17/2011	1/17/2011	4/19/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	0.3 U	--	--	--	--	0.28 U
Diethylphthalate	**8270C**	0.4 U	--	--	--	--	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.22 U	--	--	--	--	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.2 U	--	--	--	--	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.37 U	--	--	--	--	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	1.1 U	--	--	--	--	1 U
Ethylmethanesulfonate	**8270C**	0.99 U	--	--	--	--	0.9 U
Fluoranthene	**8270C**	0.21 U	--	--	--	--	0.19 U
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	0.32 U	--	--	--	--	0.3 U
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	50 U	--	--	--	--
Formaldehyde	**8315A**	8.4 U	--	--	50 U	--	8.4 U
Hexachlorobenzene	**8270C**	0.69 U	--	--	--	--	0.63 U
Hexachlorobutadiene	**8270C**	3.4 U	--	--	--	--	3.2 U
Hexachlorocyclopentadiene	**8270C**	1.6 U	--	--	--	--	1.5 UJ
Hexachloroethane	**8270C**	2.2 U	--	--	--	--	2 U
Hexachlorophene	**8321A**	0.49 U	--	--	--	--	0.49 U
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	2.1 U	--	--	--	--	1.9 U
Indeno(1,2,3-cd)pyrene	**8270C**	0.68 U	--	--	--	--	0.62 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	1.8 U	--	--	--	--	1.7 U
Isophorone	**8270C**	0.22 U	--	--	--	--	0.2 U
Isosafrole	**8270C**	1 U	--	--	--	--	0.96 U
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	0.26 U	--	--	--	--	0.24 U
Methapyrilene	**8270C**	21 U	--	--	--	--	19 U
Methylmethanesulfonate	**8270C**	1 U	--	--	--	--	0.96 U
Naphthalene	**8270C**	0.3 U	--	--	--	--	0.28 U
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.85 U	0.77 U	--	0.83 U	--	0.77 U
n-Nitrosodiethylamine	**8270C**	1.8 U	--	--	--	--	1.7 U
n-Nitrosodimethylamine	**1625M**	0.039	0.026	0.025	0.016	0.016	0.019
n-Nitrosodimethylamine	**8270C**	0.3 U	--	--	--	--	0.28 U
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	1.3 U	--	--	--	--	1.2 U
n-Nitrosodi-n-propylamine	**8270C**	0.37 U	--	--	--	--	0.33 U
n-Nitrosodiphenylamine	**8270C**	0.46 U	--	--	--	--	0.42 U
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	1.8 U	--	--	--	--	1.7 U
n-Nitrosomorpholine	**8270C**	2.1 U	--	--	--	--	1.9 U
n-Nitrosopiperidine	**8270C**	2.1 U	--	--	--	--	1.9 U
n-Nitrosopyrrolidine	**8270C**	0.84 U	--	--	--	--	0.77 U
o,o,o-Triethylphosphorothioate	**8270C**	2.1 U	--	--	--	--	1.9 U
o-Cresol	**8270C**	1 U	--	--	--	--	0.94 U
o-Tolidine	**8270C**	4.2 U	--	--	--	--	3.8 U
o-Toluidine	**8270C**	1.5 U	--	--	--	--	1.3 U
p-Chloroaniline	**8270C**	2.2 U	--	--	--	--	2 U
p-Chloro-m-cresol	**8270C**	2.5 U	--	--	--	--	2.3 U
p-Cresol	**8270C**	0.26 U	--	--	--	--	0.24 U
p-Dimethylaminoazobenzene	**8270C**	2.1 U	--	--	--	--	1.9 U
Pentachlorobenzene	**8270C**	2.1 U	--	--	--	--	1.9 U
Pentachloroethane	**8270C**	2.1 U	--	--	--	--	1.9 U
Pentachloronitrobenzene	**8270C**	2.1 U	--	--	--	--	1.9 U
Pentachlorophenol	**8270C**	0.82 U	--	--	--	--	0.81 U
Phenacetin	**8270C**	1.1 U	--	--	--	--	1 U
Phenanthrene	**8270C**	0.27 U	--	--	--	--	0.25 U
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	2.1 U	--	--	--	--	1.9 U
p-Nitroaniline	**8270C**	2.1 U	--	--	--	--	1.9 U
p-Phenylenediamine	**8270C**	5.2 U	--	--	--	--	4.8 U
Pronamide	**8270C**	2.1 U	--	--	--	--	1.9 U
Pyrene	**8270C**	0.39 U	--	--	--	--	0.35 U
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	1.8 U	--	--	--	--	1.6 U
Safrole	**8270C**	1.2 U	--	--	--	--	1.1 U
sym-Trinitrobenzene	**8270C**	4.2 U	--	--	--	--	3.8 U

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-08	HAR-08	HAR-08	HAR-09	HAR-09	HAR-09
SampleType:		Field Duplicate	Primary	Field Duplicate	Primary	Field Duplicate	Primary
Sample Name:		HAR-08_041911_36	HAR-08_080211_01	HAR-08_080211_36	HAR-09_012611_01	HAR-09_012611_36	HAR-09_041411_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/19/2011	8/2/2011	8/2/2011	1/26/2011	1/26/2011	4/14/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	--	1.6 U
1,2,4-Trichlorobenzene	8270C	--	--	--	--	--	0.27 U
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	--	--	--	0.29 U
1,3-Dinitrobenzene	8270C	--	1.9 U	--	1.9 U	--	1.9 U
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	--	--	--	13 U
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	--	1.9 U
2,4,5-Trichlorophenol	8270C	--	--	--	--	--	0.43 U
2,4,6-Trichlorophenol	8270C	--	--	--	--	--	0.28 U
2,4-Dichlorophenol	8270C	--	--	--	--	--	0.61 U
2,4-Dimethylphenol	8270C	--	--	--	--	--	0.55 U
2,4-Dinitrophenol	8270C	--	--	--	--	--	9.5 U
2,4-Dinitrotoluene	8270C	--	--	--	--	--	1.6 U
2,6-Dichlorophenol	8270C	--	--	--	--	--	1.3 U
2,6-Dinitrotoluene	8270C	--	--	--	--	--	1.8 U
2-Chloronaphthalene	8270C	--	--	--	--	--	0.25 U
2-Chlorophenol	8270C	--	--	--	--	--	1.9 U
2-Methylnaphthalene	8270C	--	--	--	--	--	0.28 U
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	--	--	--	1.6 U
2-Nitrophenol	8270C	--	--	--	--	--	0.37 U
3,3'-Dichlorobenzidine	8270C	--	--	--	--	--	1.9 U
3-Methylcholanthrene	8270C	--	--	--	--	--	1.6 U
3-Nitroaniline	8270C	--	--	--	--	--	1.9 U
4,6-Dinitro-o-cresol	8270C	--	--	--	--	--	3.8 U
4-Aminobiphenyl	8270C	--	--	--	--	--	4.3 U
4-Bromophenylphenylether	8270C	--	--	--	--	--	0.41 U
4-Chlorophenylphenylether	8270C	--	--	--	--	--	1.6 U
4-Nitrophenol	8270C	--	--	--	--	--	1.2 U
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	--	19 U
5-Nitro-o-toluidine	8270C	--	--	--	--	--	1.3 U
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	--	1.5 U
Acenaphthene	8270C	--	--	--	--	--	0.27 U
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	--	--	--	0.47 U
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	--	--	--	6.6 U
Acetophenone	8270C	--	--	--	--	--	0.23 U
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	--	19 U
alpha-Naphthylamine	8270C	--	--	--	--	--	2.9 U
alpha-Picoline	8270C	--	--	--	--	--	1.1 U
Aniline	8270C	--	--	--	--	--	1.9 U
Anthracene	8270C	--	--	--	--	--	0.4 U
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	--	--	--	8.7 U
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	--	--	--	0.33 U
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	--	--	--	0.29 U
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	--	--	--	0.5 U
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	--	--	--	0.48 U
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	--	--	--	0.44 U
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	--	--	--	0.22 U
beta-Naphthylamine	8270C	--	--	--	--	--	2.9 U
bis(2-Chloroethoxy)methane	8270C	--	--	--	--	--	0.92 U
bis(2-Chloroethyl)ether	8270C	--	--	--	--	--	0.39 U
bis(2-Chloroisopropyl)ether	8270C	--	--	--	--	--	0.27 U
bis(2-Ethylhexyl)phthalate	8270C	--	--	--	--	--	0.53 U
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	--	--	--	--	--	0.95 U
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	--	--	--	0.51 U
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	--	--	--	0.48 U
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-08	HAR-08	HAR-08	HAR-09	HAR-09	HAR-09
SampleType:		Field Duplicate	Primary	Field Duplicate	Primary	Field Duplicate	Primary
Sample Name:		HAR-08_041911_36	HAR-08_080211_01	HAR-08_080211_36	HAR-09_012611_01	HAR-09_012611_36	HAR-09_041411_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/19/2011	8/2/2011	8/2/2011	1/26/2011	1/26/2011	4/14/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	0.28 U
Diethylphthalate	**8270C**	--	--	--	--	--	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	--	--	--	--	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	--	--	--	--	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	--	--	--	--	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	1 U
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	0.9 U
Fluoranthene	**8270C**	--	--	--	--	--	0.19 U
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	0.29 U
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	50 U	--	--	--	--
Formaldehyde	**8315A**	--	--	--	20 J	--	8.4 U
Hexachlorobenzene	**8270C**	--	--	--	--	--	0.63 U
Hexachlorobutadiene	**8270C**	--	--	--	--	--	3.1 U
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	1.5 U
Hexachloroethane	**8270C**	--	--	--	--	--	2 U
Hexachlorophene	**8321A**	--	--	--	--	--	0.49 U
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	1.9 U
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	0.62 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	1.7 U
Isophorone	**8270C**	--	--	--	--	--	0.2 U
Isosafrole	**8270C**	--	--	--	--	--	0.95 U
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	0.24 U
Methapyrilene	**8270C**	--	--	--	--	--	19 U
Methylmethanesulfonate	**8270C**	--	--	--	--	--	0.95 U
Naphthalene	**8270C**	--	--	--	--	--	0.28 U
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	--	0.77 U	--	0.77 U	--	0.77 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	1.6 U
n-Nitrosodimethylamine	**1625M**	0.017	0.015	0.015	0.017	0.0081	0.005
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	0.28 U
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	1.2 U
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	0.33 U
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	0.42 U
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	1.7 U
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	1.9 U
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	1.9 U
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	0.76 U
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	1.9 U
o-Cresol	**8270C**	--	--	--	--	--	0.93 U
o-Tolidine	**8270C**	--	--	--	--	--	3.8 U
o-Toluidine	**8270C**	--	--	--	--	--	1.3 U
p-Chloroaniline	**8270C**	--	--	--	--	--	2 U
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	2.3 U
p-Cresol	**8270C**	--	--	--	--	--	0.24 U
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	1.9 U
Pentachlorobenzene	**8270C**	--	--	--	--	--	1.9 U
Pentachloroethane	**8270C**	--	--	--	--	--	1.9 U
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	1.9 U
Pentachlorophenol	**8270C**	--	--	--	--	--	0.76 U
Phenacetin	**8270C**	--	--	--	--	--	1 U
Phenanthrene	**8270C**	--	--	--	--	--	0.25 U
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	1.9 U
p-Nitroaniline	**8270C**	--	--	--	--	--	1.9 U
p-Phenylenediamine	**8270C**	--	--	--	--	--	4.8 U
Pronamide	**8270C**	--	--	--	--	--	1.9 U
Pyrene	**8270C**	--	--	--	--	--	0.35 U
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	1.6 U
Safrole	**8270C**	--	--	--	--	--	1.1 U
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	3.8 U

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-09	HAR-09	HAR-09	HAR-11	HAR-11	HAR-11
SampleType:		Field Duplicate	Primary	Field Duplicate	Primary	Primary	Primary
Sample Name:		HAR-09_041411_36	HAR-09_080411_01	HAR-09_080411_36	HAR-11_012011_01	HAR-11_041411_01	HAR-11_072711_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/14/2011	8/4/2011	8/4/2011	1/20/2011	4/14/2011	7/27/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	1.7 U	--
1,2,4-Trichlorobenzene	8270C	--	--	--	--	0.28 U	--
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	--	--	0.3 U	--
1,3-Dinitrobenzene	8270C	--	1.9 U	--	1.9 U	2 U	2.1 U
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	--	--	14 U	--
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	2 U	--
2,4,5-Trichlorophenol	8270C	--	--	--	--	0.45 U	--
2,4,6-Trichlorophenol	8270C	--	--	--	--	0.29 U	--
2,4-Dichlorophenol	8270C	--	--	--	--	0.64 U	--
2,4-Dimethylphenol	8270C	--	--	--	--	0.58 U	--
2,4-Dinitrophenol	8270C	--	--	--	--	10 U	--
2,4-Dinitrotoluene	8270C	--	--	--	--	1.7 U	--
2,6-Dichlorophenol	8270C	--	--	--	--	1.3 U	--
2,6-Dinitrotoluene	8270C	--	--	--	--	1.9 U	--
2-Chloronaphthalene	8270C	--	--	--	--	0.26 U	--
2-Chlorophenol	8270C	--	--	--	--	2 U	--
2-Methylnaphthalene	8270C	--	--	--	--	0.29 U	--
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	--	--	1.7 U	--
2-Nitrophenol	8270C	--	--	--	--	0.39 U	--
3,3'-Dichlorobenzidine	8270C	--	--	--	--	2 U	--
3-Methylcholanthrene	8270C	--	--	--	--	1.7 U	--
3-Nitroaniline	8270C	--	--	--	--	2 U	--
4,6-Dinitro-o-cresol	8270C	--	--	--	--	4 U	--
4-Aminobiphenyl	8270C	--	--	--	--	4.5 U	--
4-Bromophenylphenylether	8270C	--	--	--	--	0.43 U	--
4-Chlorophenylphenylether	8270C	--	--	--	--	1.7 U	--
4-Nitrophenol	8270C	--	--	--	--	1.2 U	--
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	20 U	--
5-Nitro-o-toluidine	8270C	--	--	--	--	1.4 U	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	1.6 U	--
Acenaphthene	8270C	--	--	--	--	0.28 U	--
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	--	--	0.49 U	--
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	--	--	7 U	--
Acetophenone	8270C	--	--	--	--	0.24 U	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	20 U	--
alpha-Naphthylamine	8270C	--	--	--	--	3.1 U	--
alpha-Picoline	8270C	--	--	--	--	1.2 U	--
Aniline	8270C	--	--	--	--	2 U	--
Anthracene	8270C	--	--	--	--	0.42 U	--
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	--	--	9.2 U	--
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	--	--	0.35 U	--
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	--	--	0.31 U	--
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	--	--	0.53 U	--
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	--	--	0.5 U	--
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	--	--	0.46 U	--
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	--	--	0.23 U	--
beta-Naphthylamine	8270C	--	--	--	--	3.1 U	--
bis(2-Chloroethoxy)methane	8270C	--	--	--	--	0.97 U	--
bis(2-Chloroethyl)ether	8270C	--	--	--	--	0.41 U	--
bis(2-Chloroisopropyl)ether	8270C	--	--	--	--	0.28 U	--
bis(2-Ethylhexyl)phthalate	8270C	--	1.8 J	--	--	10 U	0.6 U
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	--	0.95 U	--	--	1 U	1.1 U
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	--	--	0.54 U	--
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	--	--	0.51 U	--
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-09	HAR-09	HAR-09	HAR-11	HAR-11	HAR-11
SampleType:		Field Duplicate	Primary	Field Duplicate	Primary	Primary	Primary
Sample Name:		HAR-09_041411_36	HAR-09_080411_01	HAR-09_080411_36	HAR-11_012011_01	HAR-11_041411_01	HAR-11_072711_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/14/2011	8/4/2011	8/4/2011	1/20/2011	4/14/2011	7/27/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	0.29 U	--
Diethylphthalate	**8270C**	--	0.36 U	--	--	0.38 U	0.61 J
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	0.2 U	--	--	0.21 U	0.22 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	1.1 U	--	--	1.2 U	1.2 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	0.33 U	--	--	0.35 U	0.37 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	1.1 U	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	0.94 U	--
Fluoranthene	**8270C**	--	--	--	--	0.2 U	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	0.31 U	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	50 U	--	--	--	50 U
Formaldehyde	**8315A**	--	--	--	8.4 U	8.4 U	--
Hexachlorobenzene	**8270C**	--	--	--	--	0.66 U	--
Hexachlorobutadiene	**8270C**	--	--	--	--	3.3 U	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	1.5 U	--
Hexachloroethane	**8270C**	--	--	--	--	2.1 U	--
Hexachlorophene	**8321A**	--	--	--	--	0.49 U	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	2 U	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	0.65 U	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	1.8 U	--
Isophorone	**8270C**	--	--	--	--	0.21 U	--
Isosafrole	**8270C**	--	--	--	--	1 U	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	0.25 U	--
Methapyrilene	**8270C**	--	--	--	--	20 U	--
Methylmethanesulfonate	**8270C**	--	--	--	--	1 U	--
Naphthalene	**8270C**	--	--	--	--	0.29 U	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	--	0.77 U	--	0.77 U	0.81 U	0.86 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	1.7 U	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.013	0.012	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	0.29 U	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	1.2 U	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	0.35 U	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	0.44 U	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	1.8 U	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	2 U	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	2 U	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	0.8 U	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	2 U	--
o-Cresol	**8270C**	--	--	--	--	0.98 U	--
o-Tolidine	**8270C**	--	--	--	--	4 U	--
o-Toluidine	**8270C**	--	--	--	--	1.4 U	--
p-Chloroaniline	**8270C**	--	--	--	--	2.1 U	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	2.4 U	--
p-Cresol	**8270C**	--	--	--	--	0.25 U	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	2 U	--
Pentachlorobenzene	**8270C**	--	--	--	--	2 U	--
Pentachloroethane	**8270C**	--	--	--	--	2 U	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	2 U	--
Pentachlorophenol	**8270C**	--	--	--	--	0.8 U	--
Phenacetin	**8270C**	--	--	--	--	1.1 U	--
Phenanthrene	**8270C**	--	--	--	--	0.26 U	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	2 U	--
p-Nitroaniline	**8270C**	--	--	--	--	2 U	--
p-Phenylenediamine	**8270C**	--	--	--	--	5 U	--
Pronamide	**8270C**	--	--	--	--	2 U	--
Pyrene	**8270C**	--	--	--	--	0.37 U	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	1.7 U	--
Safrole	**8270C**	--	--	--	--	1.1 U	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	4 U	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-12	HAR-12	HAR-12	HAR-12	HAR-12	HAR-13
SampleType:		Primary	Field Duplicate	Primary	Primary	Field Duplicate	Primary
Sample Name:		HAR-12_011811_01	HAR-12_011811_36	HAR-12_041511_01	HAR-12_072911_01	HAR-12_072911_36	HAR-13_011811_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/18/2011	1/18/2011	4/15/2011	7/29/2011	7/29/2011	1/18/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	1.7 U	--	--	--
1,2,4-Trichlorobenzene	8270C	--	--	0.28 U	--	--	--
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	0.3 U	--	--	--
1,3-Dinitrobenzene	8270C	2 U	--	2 U	2 U	--	2 U
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	14 U	--	--	--
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	2 U	--	--	--
2,4,5-Trichlorophenol	8270C	--	--	0.45 U	--	--	--
2,4,6-Trichlorophenol	8270C	--	--	0.29 U	--	--	--
2,4-Dichlorophenol	8270C	--	--	0.64 U	--	--	--
2,4-Dimethylphenol	8270C	--	--	0.58 U	--	--	--
2,4-Dinitrophenol	8270C	--	--	10 U	--	--	--
2,4-Dinitrotoluene	8270C	--	--	1.7 U	--	--	--
2,6-Dichlorophenol	8270C	--	--	1.3 U	--	--	--
2,6-Dinitrotoluene	8270C	--	--	1.9 U	--	--	--
2-Chloronaphthalene	8270C	--	--	0.26 U	--	--	--
2-Chlorophenol	8270C	--	--	2 U	--	--	--
2-Methylnaphthalene	8270C	--	--	0.29 U	--	--	--
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	1.7 U	--	--	--
2-Nitrophenol	8270C	--	--	0.39 U	--	--	--
3,3'-Dichlorobenzidine	8270C	--	--	2 U	--	--	--
3-Methylcholanthrene	8270C	--	--	1.7 U	--	--	--
3-Nitroaniline	8270C	--	--	2 U	--	--	--
4,6-Dinitro-o-cresol	8270C	--	--	4 U	--	--	--
4-Aminobiphenyl	8270C	--	--	4.5 U	--	--	--
4-Bromophenylphenylether	8270C	--	--	0.43 U	--	--	--
4-Chlorophenylphenylether	8270C	--	--	1.7 U	--	--	--
4-Nitrophenol	8270C	--	--	1.2 U	--	--	--
4-Nitroquinoline-1-oxide	8270C	--	--	20 U	--	--	--
5-Nitro-o-toluidine	8270C	--	--	1.4 U	--	--	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	1.6 U	--	--	--
Acenaphthene	8270C	--	--	0.28 U	--	--	--
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	0.49 U	--	--	--
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	7 U	--	--	--
Acetophenone	8270C	--	--	0.24 U	--	--	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	20 U	--	--	--
alpha-Naphthylamine	8270C	--	--	3.1 U	--	--	--
alpha-Picoline	8270C	--	--	1.2 U	--	--	--
Aniline	8270C	--	--	2 U	--	--	--
Anthracene	8270C	--	--	0.42 U	--	--	--
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	9.2 U	--	--	--
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	0.35 U	--	--	--
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	0.31 U	--	--	--
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	0.53 U	--	--	--
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	0.5 U	--	--	--
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	0.46 U	--	--	--
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	0.23 U	--	--	--
beta-Naphthylamine	8270C	--	--	3.1 U	--	--	--
bis(2-Chloroethoxy)methane	8270C	--	--	0.97 U	--	--	--
bis(2-Chloroethyl)ether	8270C	--	--	0.41 U	--	--	--
bis(2-Chloroisopropyl)ether	8270C	--	--	0.28 U	--	--	--
bis(2-Ethylhexyl)phthalate	8270C	--	--	0.56 U	--	--	--
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	--	--	1 U	--	--	--
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	0.54 U	--	--	--
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	0.51 U	--	--	--
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-12	HAR-12	HAR-12	HAR-12	HAR-12	HAR-13
SampleType:		Primary	Field Duplicate	Primary	Primary	Field Duplicate	Primary
Sample Name:		HAR-12_011811_01	HAR-12_011811_36	HAR-12_041511_01	HAR-12_072911_01	HAR-12_072911_36	HAR-13_011811_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/18/2011	1/18/2011	4/15/2011	7/29/2011	7/29/2011	1/18/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	0.29 U	--	--	--
Diethylphthalate	**8270C**	--	--	0.38 U	--	--	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	--	0.21 U	--	--	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	--	1.2 U	--	--	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	--	0.35 U	--	--	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	1.1 U	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	0.94 U	--	--	--
Fluoranthene	**8270C**	--	--	0.2 U	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	0.31 U	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	--	50 U	--	--
Formaldehyde	**8315A**	8.4 U	--	8.4 U	--	--	8.4 U
Hexachlorobenzene	**8270C**	--	--	0.66 U	--	--	--
Hexachlorobutadiene	**8270C**	--	--	3.3 U	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	1.5 U	--	--	--
Hexachloroethane	**8270C**	--	--	2.1 U	--	--	--
Hexachlorophene	**8321A**	--	--	0.49 U	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	2 U	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	0.65 U	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	1.8 U	--	--	--
Isophorone	**8270C**	--	--	0.21 U	--	--	--
Isosafrole	**8270C**	--	--	1 U	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	0.25 U	--	--	--
Methapyrilene	**8270C**	--	--	20 U	--	--	--
Methylmethanesulfonate	**8270C**	--	--	1 U	--	--	--
Naphthalene	**8270C**	--	--	0.29 U	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.79 U	--	0.81 U	0.8 U	--	0.8 U
n-Nitrosodiethylamine	**8270C**	--	--	1.7 U	--	--	--
n-Nitrosodimethylamine	**1625M**	0.015	0.017	0.005 U	0.0067 J	0.0068	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	0.29 U	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	1.2 U	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	0.35 U	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	0.44 U	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	1.8 U	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	2 U	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	2 U	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	0.8 U	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	2 U	--	--	--
o-Cresol	**8270C**	--	--	0.98 U	--	--	--
o-Tolidine	**8270C**	--	--	4 U	--	--	--
o-Toluidine	**8270C**	--	--	1.4 U	--	--	--
p-Chloroaniline	**8270C**	--	--	2.1 U	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	2.4 U	--	--	--
p-Cresol	**8270C**	--	--	0.25 U	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	2 U	--	--	--
Pentachlorobenzene	**8270C**	--	--	2 U	--	--	--
Pentachloroethane	**8270C**	--	--	2 U	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	2 U	--	--	--
Pentachlorophenol	**8270C**	--	--	0.76 U	--	--	--
Phenacetin	**8270C**	--	--	1.1 U	--	--	--
Phenanthrene	**8270C**	--	--	0.26 U	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	2 U	--	--	--
p-Nitroaniline	**8270C**	--	--	2 U	--	--	--
p-Phenylenediamine	**8270C**	--	--	5 U	--	--	--
Pronamide	**8270C**	--	--	2 U	--	--	--
Pyrene	**8270C**	--	--	0.37 U	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	1.7 U	--	--	--
Safrole	**8270C**	--	--	1.1 U	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	4 U	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-13	HAR-13	HAR-14	HAR-14	HAR-14	HAR-14
SampleType:		Primary	Primary	Primary	Field Duplicate	Primary	Field Duplicate
Sample Name:		HAR-13_041911_01	HAR-13_072911_01	HAR-14_011811_01	HAR-14_011811_36	HAR-14_041511_01	HAR-14_041511_36
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/19/2011	7/29/2011	1/18/2011	1/18/2011	4/15/2011	4/15/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	1.7 U	--
1,2,4-Trichlorobenzene	8270C	--	--	--	--	0.27 U	--
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	--	--	0.29 U	--
1,3-Dinitrobenzene	8270C	2 U	--	2 U	--	1.9 U	--
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	--	--	13 U	--
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	1.9 U	--
2,4,5-Trichlorophenol	8270C	--	--	--	--	0.44 U	--
2,4,6-Trichlorophenol	8270C	--	--	--	--	0.28 U	--
2,4-Dichlorophenol	8270C	--	--	--	--	0.62 U	--
2,4-Dimethylphenol	8270C	--	--	--	--	0.56 U	--
2,4-Dinitrophenol	8270C	--	--	--	--	9.7 U	--
2,4-Dinitrotoluene	8270C	--	--	--	--	1.6 U	--
2,6-Dichlorophenol	8270C	--	--	--	--	1.3 U	--
2,6-Dinitrotoluene	8270C	--	--	--	--	1.8 U	--
2-Chloronaphthalene	8270C	--	--	--	--	0.25 U	--
2-Chlorophenol	8270C	--	--	--	--	1.9 U	--
2-Methylnaphthalene	8270C	--	--	--	--	0.28 U	--
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	--	--	1.7 U	--
2-Nitrophenol	8270C	--	--	--	--	0.38 U	--
3,3'-Dichlorobenzidine	8270C	--	--	--	--	1.9 U	--
3-Methylcholanthrene	8270C	--	--	--	--	1.7 U	--
3-Nitroaniline	8270C	--	--	--	--	1.9 U	--
4,6-Dinitro-o-cresol	8270C	--	--	--	--	3.9 U	--
4-Aminobiphenyl	8270C	--	--	--	--	4.4 U	--
4-Bromophenylphenylether	8270C	--	--	--	--	0.42 U	--
4-Chlorophenylphenylether	8270C	--	--	--	--	1.6 U	--
4-Nitrophenol	8270C	--	--	--	--	1.2 U	--
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	19 U	--
5-Nitro-o-toluidine	8270C	--	--	--	--	1.4 U	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	1.5 U	--
Acenaphthene	8270C	--	--	--	--	0.27 U	--
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	--	--	0.48 U	--
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	--	--	6.8 U	--
Acetophenone	8270C	--	--	--	--	0.23 U	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	19 U	--
alpha-Naphthylamine	8270C	--	--	--	--	3 U	--
alpha-Picoline	8270C	--	--	--	--	1.2 U	--
Aniline	8270C	--	--	--	--	1.9 U	--
Anthracene	8270C	--	--	--	--	0.41 U	--
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	--	--	9 U	--
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	--	--	0.34 U	--
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	--	--	0.3 U	--
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	--	--	0.52 U	--
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	--	--	0.49 U	--
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	--	--	0.45 U	--
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	--	--	0.23 J	--
beta-Naphthylamine	8270C	--	--	--	--	3 U	--
bis(2-Chloroethoxy)methane	8270C	--	--	--	--	0.94 U	--
bis(2-Chloroethyl)ether	8270C	--	--	--	--	0.4 U	--
bis(2-Chloroisopropyl)ether	8270C	--	--	--	--	0.27 U	--
bis(2-Ethylhexyl)phthalate	8270C	--	9.9 U	--	--	2 J	--
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	--	0.99 U	--	--	0.97 U	--
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	--	--	0.53 U	--
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	--	--	0.5 U	--
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-13	HAR-13	HAR-14	HAR-14	HAR-14	HAR-14
SampleType:		Primary	Primary	Primary	Field Duplicate	Primary	Field Duplicate
Sample Name:		HAR-13_041911_01	HAR-13_072911_01	HAR-14_011811_01	HAR-14_011811_36	HAR-14_041511_01	HAR-14_041511_36
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/19/2011	7/29/2011	1/18/2011	1/18/2011	4/15/2011	4/15/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	0.28 U	--
Diethylphthalate	**8270C**	--	0.38 U	--	--	0.37 U	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	0.21 U	--	--	0.2 U	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	1.1 U	--	--	1.1 U	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	0.35 U	--	--	2.2 J	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	1 U	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	0.92 U	--
Fluoranthene	**8270C**	--	--	--	--	0.19 U	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	0.3 U	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	--	--	--	--
Formaldehyde	**8315A**	8.4 U	--	8.4 U	--	8.4 U	--
Hexachlorobenzene	**8270C**	--	--	--	--	0.64 U	--
Hexachlorobutadiene	**8270C**	--	--	--	--	3.2 U	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	1.5 U	--
Hexachloroethane	**8270C**	--	--	--	--	2 U	--
Hexachlorophene	**8321A**	--	--	--	--	0.49 U	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	1.9 U	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	0.63 U	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	1.7 U	--
Isophorone	**8270C**	--	--	--	--	0.2 U	--
Isosafrole	**8270C**	--	--	--	--	0.97 U	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	0.24 U	--
Methapyrilene	**8270C**	--	--	--	--	19 U	--
Methylmethanesulfonate	**8270C**	--	--	--	--	0.97 U	--
Naphthalene	**8270C**	--	--	--	--	0.28 U	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.8 U	--	0.8 U	--	0.79 U	--
n-Nitrosodiethylamine	**8270C**	--	--	--	--	1.7 U	--
n-Nitrosodimethylamine	**1625M**	0.005 U	--	5.1	4.9	2.8	2.2
n-Nitrosodimethylamine	**8270C**	--	--	--	--	3.9 J	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	1.2 U	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	0.34 U	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	0.43 U	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	1.7 U	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	1.9 U	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	1.9 U	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	0.78 U	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	1.9 U	--
o-Cresol	**8270C**	--	--	--	--	0.95 U	--
o-Tolidine	**8270C**	--	--	--	--	3.9 U	--
o-Toluidine	**8270C**	--	--	--	--	1.4 U	--
p-Chloroaniline	**8270C**	--	--	--	--	2.1 U	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	2.3 U	--
p-Cresol	**8270C**	--	--	--	--	0.24 U	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	1.9 U	--
Pentachlorobenzene	**8270C**	--	--	--	--	1.9 U	--
Pentachloroethane	**8270C**	--	--	--	--	1.9 U	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	1.9 U	--
Pentachlorophenol	**8270C**	--	--	--	--	0.77 U	--
Phenacetin	**8270C**	--	--	--	--	1.1 U	--
Phenanthrene	**8270C**	--	--	--	--	0.25 U	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	1.9 U	--
p-Nitroaniline	**8270C**	--	--	--	--	1.9 U	--
p-Phenylenediamine	**8270C**	--	--	--	--	4.9 U	--
Pronamide	**8270C**	--	--	--	--	1.9 U	--
Pyrene	**8270C**	--	--	--	--	0.36 U	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	1.7 U	--
Safrole	**8270C**	--	--	--	--	1.1 U	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	3.9 U	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-14	HAR-14	HAR-14	HAR-15	HAR-15	HAR-15
SampleType:		Primary	Split	Field Duplicate	Primary	Primary	Primary
Sample Name:		HAR-14_072911_01	HAR-14_072911_03	HAR-14_072911_36	HAR-15_012111_01	HAR-15_020411_01	HAR-15_041411_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/29/2011	7/29/2011	7/29/2011	1/21/2011	2/4/2011	4/14/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	1.7 U	2.4 U	1.7 U	--	--	1.7 U
1,2,4-Trichlorobenzene	8270C	0.28 U	2.4 U	0.28 U	--	--	0.27 U
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	0.3 U	2.9 U	0.3 U	--	--	0.29 U
1,3-Dinitrobenzene	8270C	2 U	3.3 U	2 U	2 U	--	1.9 U
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	14 UJ	3.8 U	14 UJ	--	--	13 U
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	2 U	4.3 U	2 U	--	--	1.9 U
2,4,5-Trichlorophenol	8270C	0.45 U	2.9 U	0.45 U	--	--	0.43 U
2,4,6-Trichlorophenol	8270C	0.29 U	4.3 U	0.29 U	--	--	0.28 U
2,4-Dichlorophenol	8270C	0.64 U	3.3 U	0.64 U	--	--	0.61 U
2,4-Dimethylphenol	8270C	0.58 U	3.3 U	0.58 U	--	--	0.55 U
2,4-Dinitrophenol	8270C	10 U	7.6 U	10 U	--	--	9.6 U
2,4-Dinitrotoluene	8270C	1.7 U	3.3 U	1.7 U	--	--	1.6 U
2,6-Dichlorophenol	8270C	1.4 U	5.7 U	1.3 U	--	--	1.3 U
2,6-Dinitrotoluene	8270C	1.9 U	1.9 U	1.9 U	--	--	1.8 U
2-Chloronaphthalene	8270C	0.26 U	2.9 U	0.26 U	--	--	0.25 U
2-Chlorophenol	8270C	2 U	2.9 U	2 U	--	--	1.9 U
2-Methylnaphthalene	8270C	0.29 U	1.9 U	0.29 U	--	--	0.28 U
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	1.7 U	1.9 U	1.7 U	--	--	1.7 U
2-Nitrophenol	8270C	0.39 U	3.3 U	0.39 U	--	--	0.37 U
3,3'-Dichlorobenzidine	8270C	2 U	7.1 U	2 U	--	--	1.9 U
3-Methylcholanthrene	8270C	1.7 U	2.4 U	1.7 U	--	--	1.6 U
3-Nitroaniline	8270C	2 U	2.9 U	2 U	--	--	1.9 U
4,6-Dinitro-o-cresol	8270C	4 U	3.8 U	4 U	--	--	3.8 U
4-Aminobiphenyl	8270C	4.5 U	4.8 U	4.5 U	--	--	4.3 U
4-Bromophenylphenylether	8270C	0.43 U	2.9 U	0.43 U	--	--	0.41 U
4-Chlorophenylphenylether	8270C	1.7 U	2.4 U	1.7 U	--	--	1.6 U
4-Nitrophenol	8270C	1.2 U	5.2 U	1.2 U	--	--	1.2 U
4-Nitroquinoline-1-oxide	8270C	20 U	2.9 UJ	20 U	--	--	19 U
5-Nitro-o-toluidine	8270C	1.4 U	2.9 UJ	1.4 U	--	--	1.3 U
7,12-Dimethylbenz(a)anthracene	8270C	1.6 U	3.8 U	1.6 U	--	--	1.5 U
Acenaphthene	8270C	0.28 U	2.9 U	0.28 U	--	--	0.27 U
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	0.49 U	2.9 U	0.49 U	--	--	0.47 U
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	7 U	2.9 U	7 U	--	--	6.7 U
Acetophenone	8270C	0.24 U	3.8 U	0.24 U	--	--	0.23 U
alpha,alpha-Dimethylphenethylamine	8270C	20 U	38 UJ	20 U	--	--	19 U
alpha-Naphthylamine	8270C	3.1 U	5.2 U	3.1 U	--	--	3 U
alpha-Picoline	8270C	1.2 U	2.4 U	1.2 U	--	--	1.1 U
Aniline	8270C	2 U	3.3 U	2 U	--	--	1.9 U
Anthracene	8270C	0.42 U	2.4 U	0.42 U	--	--	0.4 U
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	9.2 U	4.3 U	9.2 U	--	--	8.8 U
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	0.35 U	2.4 U	0.35 U	--	--	0.33 U
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	0.31 U	2.9 U	0.31 U	--	--	0.3 U
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	0.53 U	1.9 U	0.53 U	--	--	0.51 U
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	0.5 U	3.8 U	0.5 U	--	--	0.48 U
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	0.46 U	2.4 U	0.46 U	--	--	0.44 U
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	10 U	3.3 U	0.23 U	--	--	0.22 U
beta-Naphthylamine	8270C	3.1 U	3.8 U	3.1 U	--	--	3 U
bis(2-Chloroethoxy)methane	8270C	0.97 U	2.9 U	0.97 U	--	--	0.93 U
bis(2-Chloroethyl)ether	8270C	0.41 U	2.9 U	0.41 U	--	--	0.39 U
bis(2-Chloroisopropyl)ether	8270C	0.28 U	2.4 U	0.28 U	--	--	0.27 U
bis(2-Ethylhexyl)phthalate	8270C	10 U	3.8 U	10 U	--	--	0.54 U
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	1 U	3.8 U	1 U	--	--	0.96 U
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	0.54 U	2.4 U	0.54 U	--	--	0.52 U
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	0.51 U	2.9 U	0.51 U	--	--	0.49 U
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-14	HAR-14	HAR-14	HAR-15	HAR-15	HAR-15
SampleType:		Primary	Split	Field Duplicate	Primary	Primary	Primary
Sample Name:		HAR-14_072911_01	HAR-14_072911_03	HAR-14_072911_36	HAR-15_012111_01	HAR-15_020411_01	HAR-15_041411_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/29/2011	7/29/2011	7/29/2011	1/21/2011	2/4/2011	4/14/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	0.29 U	3.8 U	0.29 U	--	--	0.28 U
Diethylphthalate	**8270C**	0.38 U	3.3 U	0.38 U	--	--	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.21 U	2.4 U	0.21 U	--	--	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.2 U	2.9 U	1.2 U	--	--	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.35 U	3.3 U	0.35 U	--	--	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	1.1 U	2.9 U	1.1 U	--	--	1 U
Ethylmethanesulfonate	**8270C**	0.94 U	3.8 U	0.94 U	--	--	0.9 U
Fluoranthene	**8270C**	0.2 U	2.9 U	0.2 U	--	--	0.19 U
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	0.31 U	2.9 U	0.31 U	--	--	0.3 U
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	50 U	--	--	--	--	--
Formaldehyde	**8315A**	--	--	--	--	17 J	8.4 U
Hexachlorobenzene	**8270C**	0.66 U	2.9 U	0.66 U	--	--	0.63 U
Hexachlorobutadiene	**8270C**	3.3 U	3.8 U	3.3 U	--	--	3.2 U
Hexachlorocyclopentadiene	**8270C**	1.5 U	4.8 U	1.5 U	--	--	1.5 U
Hexachloroethane	**8270C**	2.1 U	3.3 U	2.1 U	--	--	2 U
Hexachlorophene	**8321A**	--	--	--	--	--	0.49 U
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	2 U	9.5 U	2 U	--	--	1.9 U
Indeno(1,2,3-cd)pyrene	**8270C**	0.65 U	3.3 U	0.65 U	--	--	0.62 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	1.8 U	3.3 U	1.8 U	--	--	1.7 U
Isophorone	**8270C**	0.21 U	2.9 U	0.21 U	--	--	0.2 U
Isosafrole	**8270C**	1 U	5.7 U	1 U	--	--	0.96 U
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	5.7 U	--	--	--	--
m-Cresol	**8270C**	0.25 U	--	0.25 U	--	--	0.24 U
Methapyrilene	**8270C**	20 UJ	3.8 U	20 UJ	--	--	19 U
Methylmethanesulfonate	**8270C**	1 UJ	4.8 U	1 UJ	--	--	0.96 U
Naphthalene	**8270C**	0.29 U	2.9 U	0.29 U	--	--	0.28 U
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.81 U	2.9 U	0.81 U	0.83 U	--	0.77 U
n-Nitrosodiethylamine	**8270C**	1.7 U	2.9 U	1.7 U	--	--	1.7 U
n-Nitrosodimethylamine	**1625M**	2 J	--	2.5	0.005 U	--	0.005 U
n-Nitrosodimethylamine	**8270C**	2.3 J	2.4 U	2.4 J	--	--	0.28 U
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	1.2 U	4.3 U	1.2 U	--	--	1.2 U
n-Nitrosodi-n-propylamine	**8270C**	0.35 U	3.3 U	0.35 U	--	--	0.33 U
n-Nitrosodiphenylamine	**8270C**	0.44 U	1.9 U	0.44 U	--	--	0.42 U
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	1.8 U	2.4 U	1.8 U	--	--	1.7 U
n-Nitrosomorpholine	**8270C**	2 U	3.8 U	2 U	--	--	1.9 U
n-Nitrosopiperidine	**8270C**	2 U	3.8 U	2 U	--	--	1.9 U
n-Nitrosopyrrolidine	**8270C**	0.81 U	3.8 U	0.8 U	--	--	0.77 U
o,o,o-Triethylphosphorothioate	**8270C**	2 U	4.3 U	2 U	--	--	1.9 U
o-Cresol	**8270C**	0.98 U	2.9 U	0.98 U	--	--	0.94 U
o-Tolidine	**8270C**	4 U	6.7 U	4 U	--	--	3.8 U
o-Toluidine	**8270C**	1.4 U	2.4 U	1.4 U	--	--	1.3 U
p-Chloroaniline	**8270C**	2.1 U	1.9 U	2.1 U	--	--	2 U
p-Chloro-m-cresol	**8270C**	2.4 U	2.4 U	2.4 U	--	--	2.3 U
p-Cresol	**8270C**	0.25 U	2.9 U	0.25 U	--	--	0.24 U
p-Dimethylaminoazobenzene	**8270C**	2 U	3.8 U	2 U	--	--	1.9 U
Pentachlorobenzene	**8270C**	2 U	2.9 U	2 U	--	--	1.9 U
Pentachloroethane	**8270C**	2 U	1.9 U	2 U	--	--	1.9 U
Pentachloronitrobenzene	**8270C**	2 U	2.4 U	2 U	--	--	1.9 U
Pentachlorophenol	**8270C**	--	--	--	--	--	0.8 U
Phenacetin	**8270C**	1.1 U	3.3 U	1.1 U	--	--	1 U
Phenanthrene	**8270C**	0.26 U	3.3 U	0.26 U	--	--	0.25 U
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	2 U	1.9 U	2 U	--	--	1.9 U
p-Nitroaniline	**8270C**	2 U	3.8 U	2 U	--	--	1.9 U
p-Phenylenediamine	**8270C**	5 U	24 UJ	5 U	--	--	4.8 U
Pronamide	**8270C**	2 U	4.8 U	2 U	--	--	1.9 U
Pyrene	**8270C**	0.37 U	3.8 U	0.37 U	--	--	0.35 U
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	1.7 U	2.4 U	1.7 U	--	--	1.6 U
Safrole	**8270C**	1.1 U	3.8 U	1.1 U	--	--	1.1 U
sym-Trinitrobenzene	**8270C**	4 U	2.4 U	4 U	--	--	3.8 U

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-15	HAR-15	HAR-16	HAR-16	HAR-16	HAR-16
SampleType:		Primary	Field Duplicate	Primary	Field Duplicate	Primary	Field Duplicate
Sample Name:		HAR-15_072011_01	HAR-15_072011_36	HAR-16_012511_01	HAR-16_012511_36	HAR-16_042011_01	HAR-16_042011_36
Groundwater Unit:		Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/20/2011	7/20/2011	1/25/2011	1/25/2011	4/20/2011	4/20/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	1.9 U	1.9 U
1,2,4-Trichlorobenzene	8270C	--	--	--	--	0.31 U	0.3 U
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	--	--	0.33 U	0.32 U
1,3-Dinitrobenzene	8270C	1.9 U	--	2 U	1.9 U	2.2 U	2.2 U
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	--	--	15 U	15 U
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	2.2 U	2.2 U
2,4,5-Trichlorophenol	8270C	--	--	--	--	0.5 U	0.49 U
2,4,6-Trichlorophenol	8270C	--	--	--	--	0.32 U	0.31 U
2,4-Dichlorophenol	8270C	--	--	--	--	0.71 U	0.69 U
2,4-Dimethylphenol	8270C	--	--	--	--	0.65 U	0.63 U
2,4-Dinitrophenol	8270C	--	--	--	--	11 U	11 U
2,4-Dinitrotoluene	8270C	--	--	--	--	1.8 U	1.8 U
2,6-Dichlorophenol	8270C	--	--	--	--	1.5 U	1.5 U
2,6-Dinitrotoluene	8270C	--	--	--	--	2.1 U	2 U
2-Chloronaphthalene	8270C	--	--	--	--	0.29 U	0.28 U
2-Chlorophenol	8270C	--	--	--	--	2.2 U	2.2 U
2-Methylnaphthalene	8270C	--	--	--	--	0.32 U	0.31 U
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	--	--	1.9 U	1.9 U
2-Nitrophenol	8270C	--	--	--	--	0.43 U	0.42 U
3,3'-Dichlorobenzidine	8270C	--	--	--	--	2.2 U	2.2 U
3-Methylcholanthrene	8270C	--	--	--	--	1.9 U	1.8 U
3-Nitroaniline	8270C	--	--	--	--	2.2 U	2.2 U
4,6-Dinitro-o-cresol	8270C	--	--	--	--	4.4 U	4.3 U
4-Aminobiphenyl	8270C	--	--	--	--	5 U	4.9 U
4-Bromophenylphenylether	8270C	--	--	--	--	0.48 U	0.47 U
4-Chlorophenylphenylether	8270C	--	--	--	--	1.8 U	1.8 U
4-Nitrophenol	8270C	--	--	--	--	1.4 U	1.3 U
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	22 U	22 U
5-Nitro-o-toluidine	8270C	--	--	--	--	1.6 U	1.5 U
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	1.7 U	1.7 U
Acenaphthene	8270C	--	--	--	--	0.31 U	0.3 U
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	--	--	0.54 U	0.53 U
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	--	--	7.8 U	7.6 U
Acetophenone	8270C	--	--	--	--	0.27 U	0.26 U
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	22 U	22 U
alpha-Naphthylamine	8270C	--	--	--	--	3.4 U	3.4 U
alpha-Picoline	8270C	--	--	--	--	1.3 U	1.3 U
Aniline	8270C	--	--	--	--	2.2 U	2.2 U
Anthracene	8270C	--	--	--	--	0.47 U	0.45 U
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	--	--	10 U	10 U
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	--	--	0.39 U	0.38 U
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	--	--	0.34 U	0.34 U
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	--	--	0.59 U	0.57 U
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	--	--	0.56 U	0.54 U
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	--	--	0.51 U	0.5 U
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	--	--	0.26 U	0.25 U
beta-Naphthylamine	8270C	--	--	--	--	3.4 U	3.3 U
bis(2-Chloroethoxy)methane	8270C	--	--	--	--	1.1 U	1 U
bis(2-Chloroethyl)ether	8270C	--	--	--	--	0.46 U	0.44 U
bis(2-Chloroisopropyl)ether	8270C	--	--	--	--	0.31 U	0.3 U
bis(2-Ethylhexyl)phthalate	8270C	--	--	0.56 U	0.54 U	0.62 U	0.61 U
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	--	--	1 U	0.96 U	1.1 U	1.1 U
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	--	--	0.6 U	0.58 U
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	--	--	0.57 U	0.55 U
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-15	HAR-15	HAR-16	HAR-16	HAR-16	HAR-16
SampleType:		Primary	Field Duplicate	Primary	Field Duplicate	Primary	Field Duplicate
Sample Name:		HAR-15_072011_01	HAR-15_072011_36	HAR-16_012511_01	HAR-16_012511_36	HAR-16_042011_01	HAR-16_042011_36
Groundwater Unit:		Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/20/2011	7/20/2011	1/25/2011	1/25/2011	4/20/2011	4/20/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	0.32 U	0.31 U
Diethylphthalate	**8270C**	--	--	0.38 U	0.36 U	0.42 U	0.41 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	--	0.21 U	0.2 U	0.23 U	0.23 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	--	1.2 U	1.1 U	1.3 U	1.3 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	--	0.35 U	0.34 U	0.39 U	0.38 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	1.2 U	1.1 U
Ethylmethanesulfonate	**8270C**	--	--	--	--	1 U	1 U
Fluoranthene	**8270C**	--	--	--	--	0.22 U	0.22 U
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	0.34 U	0.34 U
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	50 U	--	--	--	--	--
Formaldehyde	**8315A**	--	--	8.4 U	8.4 U	8.4 U	8.4 U
Hexachlorobenzene	**8270C**	--	--	--	--	0.73 U	0.71 U
Hexachlorobutadiene	**8270C**	--	--	--	--	3.7 U	3.6 U
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	1.7 U	1.7 U
Hexachloroethane	**8270C**	--	--	--	--	2.3 U	2.3 U
Hexachlorophene	**8321A**	--	--	--	--	0.49 U	0.49 U
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	2.2 U	2.2 U
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	0.72 U	0.7 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	2 U	1.9 U
Isophorone	**8270C**	--	--	--	--	0.23 U	0.23 U
Isosafrole	**8270C**	--	--	--	--	1.1 U	1.1 U
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	0.28 U	0.27 U
Methapyrilene	**8270C**	--	--	--	--	22 U	22 U
Methylmethanesulfonate	**8270C**	--	--	--	--	1.1 U	1.1 U
Naphthalene	**8270C**	--	--	--	--	0.32 U	0.31 U
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	--	0.81 U	0.78 U	0.9 U	0.88 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	1.9 U	1.9 U
n-Nitrosodimethylamine	**1625M**	0.0071	0.005 U	4.4	4.8	1.3	1.2
n-Nitrosodimethylamine	**8270C**	--	--	--	--	1.8 J	1.6 J
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	1.4 U	1.3 U
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	0.39 U	0.38 U
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	0.49 U	0.48 U
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	2 U	1.9 U
n-Nitrosomorpholine	**8270C**	--	--	--	--	2.2 U	2.2 U
n-Nitrosopiperidine	**8270C**	--	--	--	--	2.2 U	2.2 U
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	0.89 U	0.87 U
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	2.2 U	2.2 U
o-Cresol	**8270C**	--	--	--	--	1.1 U	1.1 U
o-Tolidine	**8270C**	--	--	--	--	4.4 U	4.3 U
o-Toluidine	**8270C**	--	--	--	--	1.6 U	1.5 U
p-Chloroaniline	**8270C**	--	--	--	--	2.4 U	2.3 U
p-Chloro-m-cresol	**8270C**	--	--	--	--	2.7 U	2.6 U
p-Cresol	**8270C**	--	--	--	--	0.28 U	0.27 U
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	2.2 U	2.2 U
Pentachlorobenzene	**8270C**	--	--	--	--	2.2 U	2.2 U
Pentachloroethane	**8270C**	--	--	--	--	2.2 U	2.2 U
Pentachloronitrobenzene	**8270C**	--	--	--	--	2.2 U	2.2 U
Pentachlorophenol	**8270C**	--	--	--	--	0.81 U	0.78 U
Phenacetin	**8270C**	--	--	--	--	1.2 U	1.2 U
Phenanthrene	**8270C**	--	--	--	--	0.29 U	0.28 U
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	2.2 U	2.2 U
p-Nitroaniline	**8270C**	--	--	--	--	2.2 U	2.2 U
p-Phenylenediamine	**8270C**	--	--	--	--	5.6 U	5.4 U
Pronamide	**8270C**	--	--	--	--	2.2 U	2.2 U
Pyrene	**8270C**	--	--	--	--	0.41 U	0.4 U
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	1.9 U	1.8 U
Safrole	**8270C**	--	--	--	--	1.3 U	1.2 U
sym-Trinitrobenzene	**8270C**	--	--	--	--	4.4 U	4.3 U

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-16	HAR-16	HAR-19	HAR-19	HAR-19	HAR-19
SampleType:		Primary	Field Duplicate	Primary	Field Duplicate	Primary	Primary
Sample Name:		HAR-16_080511_01	HAR-16_080511_36	HAR-19_012011_01	HAR-19_012011_36	HAR-19_041511_01	HAR-19_071211_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/5/2011	8/5/2011	1/20/2011	1/20/2011	4/15/2011	7/12/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	1.8 U	--
1,2,4-Trichlorobenzene	8270C	--	--	--	--	0.29 U	--
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	--	--	0.31 U	--
1,3-Dinitrobenzene	8270C	1.9 U	--	1.9 U	2 U	2.1 U	1.9 U
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	--	--	14 U	--
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	2.1 U	--
2,4,5-Trichlorophenol	8270C	--	--	--	--	0.46 U	--
2,4,6-Trichlorophenol	8270C	--	--	--	--	0.3 U	--
2,4-Dichlorophenol	8270C	--	--	--	--	0.66 U	--
2,4-Dimethylphenol	8270C	--	--	--	--	0.6 U	--
2,4-Dinitrophenol	8270C	--	--	--	--	10 U	--
2,4-Dinitrotoluene	8270C	--	--	--	--	1.7 U	--
2,6-Dichlorophenol	8270C	--	--	--	--	1.4 U	--
2,6-Dinitrotoluene	8270C	--	--	--	--	1.9 U	--
2-Chloronaphthalene	8270C	--	--	--	--	0.27 U	--
2-Chlorophenol	8270C	--	--	--	--	2.1 U	--
2-Methylnaphthalene	8270C	--	--	--	--	0.3 U	--
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	--	--	1.8 U	--
2-Nitrophenol	8270C	--	--	--	--	0.4 U	--
3,3'-Dichlorobenzidine	8270C	--	--	--	--	2.1 U	--
3-Methylcholanthrene	8270C	--	--	--	--	1.8 U	--
3-Nitroaniline	8270C	--	--	--	--	2.1 U	--
4,6-Dinitro-o-cresol	8270C	--	--	--	--	4.1 U	--
4-Aminobiphenyl	8270C	--	--	--	--	4.6 U	--
4-Bromophenylphenylether	8270C	--	--	--	--	0.44 U	--
4-Chlorophenylphenylether	8270C	--	--	--	--	1.7 U	--
4-Nitrophenol	8270C	--	--	--	--	1.3 U	--
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	21 U	--
5-Nitro-o-toluidine	8270C	--	--	--	--	1.4 U	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	1.6 U	--
Acenaphthene	8270C	--	--	--	--	0.29 U	--
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	--	--	0.5 U	--
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	--	--	7.2 U	--
Acetophenone	8270C	--	--	--	--	0.25 U	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	21 U	--
alpha-Naphthylamine	8270C	--	--	--	--	3.2 U	--
alpha-Picoline	8270C	--	--	--	--	1.2 U	--
Aniline	8270C	--	--	--	--	2.1 U	--
Anthracene	8270C	0.4 U	--	--	--	0.43 U	--
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	--	--	9.5 U	--
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	--	--	0.36 U	--
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	--	--	0.32 U	--
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	--	--	0.55 U	--
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	--	--	0.51 U	--
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	--	--	0.47 U	--
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	--	--	0.24 U	--
beta-Naphthylamine	8270C	--	--	--	--	3.2 U	--
bis(2-Chloroethoxy)methane	8270C	--	--	--	--	1 U	--
bis(2-Chloroethyl)ether	8270C	--	--	--	--	0.42 U	--
bis(2-Chloroisopropyl)ether	8270C	--	--	--	--	0.29 U	--
bis(2-Ethylhexyl)phthalate	8270C	1.7 J	--	--	--	2.1 J	9.5 U
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	0.95 U	--	--	--	1 U	0.95 U
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	--	--	0.56 U	--
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	--	--	0.53 U	--
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-16	HAR-16	HAR-19	HAR-19	HAR-19	HAR-19
SampleType:		Primary	Field Duplicate	Primary	Field Duplicate	Primary	Primary
Sample Name:		HAR-16_080511_01	HAR-16_080511_36	HAR-19_012011_01	HAR-19_012011_36	HAR-19_041511_01	HAR-19_071211_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/5/2011	8/5/2011	1/20/2011	1/20/2011	4/15/2011	7/12/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	0.3 U	--
Diethylphthalate	**8270C**	0.36 U	--	--	--	0.39 U	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	--	--	--	0.22 U	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	--	--	--	1.2 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.33 U	--	--	--	0.36 U	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	1.1 U	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	0.97 U	--
Fluoranthene	**8270C**	--	--	--	--	0.21 U	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	0.32 U	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	50 U	--	--	--	--	50 U
Formaldehyde	**8315A**	--	--	8.4 U	8.4 U	8.4 U	--
Hexachlorobenzene	**8270C**	--	--	--	--	0.68 U	--
Hexachlorobutadiene	**8270C**	--	--	--	--	3.4 U	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	1.6 U	--
Hexachloroethane	**8270C**	--	--	--	--	2.2 U	--
Hexachlorophene	**8321A**	--	--	--	--	0.49 U	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	2.1 U	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	0.67 U	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	1.8 U	--
Isophorone	**8270C**	--	--	--	--	0.22 U	--
Isosafrole	**8270C**	--	--	--	--	1 U	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	0.26 U	--
Methapyrilene	**8270C**	--	--	--	--	21 U	--
Methylmethanesulfonate	**8270C**	--	--	--	--	1 U	--
Naphthalene	**8270C**	--	--	--	--	0.3 U	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	--	0.78 U	0.79 U	0.83 U	0.77 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	1.8 U	--
n-Nitrosodimethylamine	**1625M**	2.4	2.1	0.005 U	0.005 U	0.005 U	0.0091 J
n-Nitrosodimethylamine	**8270C**	--	--	--	--	0.3 U	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	1.3 U	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	0.36 U	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	0.45 U	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	1.8 U	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	2.1 U	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	2.1 U	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	0.83 U	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	2.1 U	--
o-Cresol	**8270C**	--	--	--	--	1 U	--
o-Tolidine	**8270C**	--	--	--	--	4.1 U	--
o-Toluidine	**8270C**	--	--	--	--	1.4 U	--
p-Chloroaniline	**8270C**	--	--	--	--	2.2 U	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	2.5 U	--
p-Cresol	**8270C**	--	--	--	--	0.26 U	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	2.1 U	--
Pentachlorobenzene	**8270C**	--	--	--	--	2.1 U	--
Pentachloroethane	**8270C**	--	--	--	--	2.1 U	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	2.1 U	--
Pentachlorophenol	**8270C**	--	--	--	--	0.84 U	--
Phenacetin	**8270C**	--	--	--	--	1.1 U	--
Phenanthrene	**8270C**	--	--	--	--	0.27 U	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	2.1 U	--
p-Nitroaniline	**8270C**	--	--	--	--	2.1 U	--
p-Phenylenediamine	**8270C**	--	--	--	--	5.1 U	--
Pronamide	**8270C**	--	--	--	--	2.1 U	--
Pyrene	**8270C**	--	--	--	--	0.38 U	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	1.8 U	--
Safrole	**8270C**	--	--	--	--	1.2 U	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	4.1 U	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-19	HAR-20	HAR-20	HAR-20	HAR-21	HAR-21
SampleType:		Field Duplicate	Primary	Primary	Primary	Primary	Field Duplicate
Sample Name:		HAR-19_071211_36	HAR-20_012011_01	HAR-20_041411_01	HAR-20_072711_01	HAR-21_012611_01	HAR-21_012611_36
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/12/2011	1/20/2011	4/14/2011	7/27/2011	1/26/2011	1/26/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	1.7 U	--	--	--
1,2,4-Trichlorobenzene	8270C	--	--	0.28 U	--	--	--
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	0.3 U	--	--	--
1,3-Dinitrobenzene	8270C	1.9 U	1.9 U	2 U	1.9 U	2.1 U	--
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	14 U	--	--	--
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	2 U	--	--	--
2,4,5-Trichlorophenol	8270C	--	--	0.45 U	--	--	--
2,4,6-Trichlorophenol	8270C	--	--	0.29 U	--	--	--
2,4-Dichlorophenol	8270C	--	--	0.64 U	--	--	--
2,4-Dimethylphenol	8270C	--	--	0.58 U	--	--	--
2,4-Dinitrophenol	8270C	--	--	9.9 U	--	--	--
2,4-Dinitrotoluene	8270C	--	--	1.7 U	--	--	--
2,6-Dichlorophenol	8270C	--	--	1.3 U	--	--	--
2,6-Dinitrotoluene	8270C	--	--	1.9 U	--	--	--
2-Chloronaphthalene	8270C	--	--	0.26 U	--	--	--
2-Chlorophenol	8270C	--	--	2 U	--	--	--
2-Methylnaphthalene	8270C	--	--	0.29 U	--	--	--
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	1.7 U	--	--	--
2-Nitrophenol	8270C	--	--	0.39 U	--	--	--
3,3'-Dichlorobenzidine	8270C	--	--	2 U	--	--	--
3-Methylcholanthrene	8270C	--	--	1.7 U	--	--	--
3-Nitroaniline	8270C	--	--	2 U	--	--	--
4,6-Dinitro-o-cresol	8270C	--	--	4 U	--	--	--
4-Aminobiphenyl	8270C	--	--	4.5 U	--	--	--
4-Bromophenylphenylether	8270C	--	--	0.43 U	--	--	--
4-Chlorophenylphenylether	8270C	--	--	1.7 U	--	--	--
4-Nitrophenol	8270C	--	--	1.2 U	--	--	--
4-Nitroquinoline-1-oxide	8270C	--	--	20 U	--	--	--
5-Nitro-o-toluidine	8270C	--	--	1.4 U	--	--	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	1.6 U	--	--	--
Acenaphthene	8270C	--	--	0.28 U	--	--	--
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	0.49 U	--	--	--
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	7 U	--	--	--
Acetophenone	8270C	--	--	0.24 U	--	--	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	20 U	--	--	--
alpha-Naphthylamine	8270C	--	--	3.1 U	--	--	--
alpha-Picoline	8270C	--	--	1.2 U	--	--	--
Aniline	8270C	--	--	2 U	--	--	--
Anthracene	8270C	--	--	0.42 U	--	--	--
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	9.1 U	--	--	--
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	0.35 U	--	--	--
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	0.31 U	--	--	--
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	0.53 U	--	--	--
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	0.5 U	--	--	--
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	0.46 U	--	--	--
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	0.23 U	--	--	--
beta-Naphthylamine	8270C	--	--	3.1 U	--	--	--
bis(2-Chloroethoxy)methane	8270C	--	--	0.96 U	--	--	--
bis(2-Chloroethyl)ether	8270C	--	--	0.41 U	--	--	--
bis(2-Chloroisopropyl)ether	8270C	--	--	0.28 U	--	--	--
bis(2-Ethylhexyl)phthalate	8270C	9.5 U	--	0.56 U	0.53 U	--	--
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	0.95 U	--	0.99 U	0.95 U	--	--
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	0.54 U	--	--	--
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	0.51 U	--	--	--
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-19	HAR-20	HAR-20	HAR-20	HAR-21	HAR-21
SampleType:		Field Duplicate	Primary	Primary	Primary	Primary	Field Duplicate
Sample Name:		HAR-19_071211_36	HAR-20_012011_01	HAR-20_041411_01	HAR-20_072711_01	HAR-21_012611_01	HAR-21_012611_36
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/12/2011	1/20/2011	4/14/2011	7/27/2011	1/26/2011	1/26/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	0.29 U	--	--	--
Diethylphthalate	**8270C**	0.37 J	--	0.38 U	0.36 U	--	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	--	0.21 U	0.2 U	--	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	--	1.2 U	1.1 U	--	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.33 U	--	0.35 U	0.33 U	--	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	1.1 U	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	0.94 U	--	--	--
Fluoranthene	**8270C**	--	--	0.2 U	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	0.31 U	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	50 U	--	--	50 U	--	--
Formaldehyde	**8315A**	--	8.4 U	8.4 U	--	21 J	--
Hexachlorobenzene	**8270C**	--	--	0.66 U	--	--	--
Hexachlorobutadiene	**8270C**	--	--	3.3 U	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	1.5 U	--	--	--
Hexachloroethane	**8270C**	--	--	2.1 U	--	--	--
Hexachlorophene	**8321A**	--	--	0.49 U	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	2 U	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	0.65 U	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	1.8 U	--	--	--
Isophorone	**8270C**	--	--	0.21 U	--	--	--
Isosafrole	**8270C**	--	--	0.99 U	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	0.25 U	--	--	--
Methapyrilene	**8270C**	--	--	20 U	--	--	--
Methylmethanesulfonate	**8270C**	--	--	0.99 U	--	--	--
Naphthalene	**8270C**	--	--	0.29 U	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	0.77 U	0.81 U	0.77 U	0.83 U	--
n-Nitrosodiethylamine	**8270C**	--	--	1.7 U	--	--	--
n-Nitrosodimethylamine	**1625M**	0.0091 J	0.005 U	0.005 U	0.005 U	0.048	0.048
n-Nitrosodimethylamine	**8270C**	--	--	0.29 U	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	1.2 U	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	0.35 U	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	0.44 U	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	1.8 U	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	2 U	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	2 U	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	0.8 U	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	2 U	--	--	--
o-Cresol	**8270C**	--	--	0.97 U	--	--	--
o-Tolidine	**8270C**	--	--	4 U	--	--	--
o-Toluidine	**8270C**	--	--	1.4 U	--	--	--
p-Chloroaniline	**8270C**	--	--	2.1 U	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	2.4 U	--	--	--
p-Cresol	**8270C**	--	--	0.25 U	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	2 U	--	--	--
Pentachlorobenzene	**8270C**	--	--	2 U	--	--	--
Pentachloroethane	**8270C**	--	--	2 U	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	2 U	--	--	--
Pentachlorophenol	**8270C**	--	--	0.77 U	--	--	--
Phenacetin	**8270C**	--	--	1.1 U	--	--	--
Phenanthrene	**8270C**	--	--	0.26 U	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	2 U	--	--	--
p-Nitroaniline	**8270C**	--	--	2 U	--	--	--
p-Phenylenediamine	**8270C**	--	--	5 U	--	--	--
Pronamide	**8270C**	--	--	2 U	--	--	--
Pyrene	**8270C**	--	--	0.37 U	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	1.7 U	--	--	--
Safrole	**8270C**	--	--	1.1 U	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	4 U	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-21	HAR-21	HAR-21	HAR-21	HAR-23	HAR-23
SampleType:		Primary	Field Duplicate	Primary	Field Duplicate	Primary	Field Duplicate
Sample Name:		HAR-21_041311_01	HAR-21_041311_36	HAR-21_072911_01	HAR-21_072911_36	HAR-23_012011_01	HAR-23_012011_36
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/13/2011	4/13/2011	7/29/2011	7/29/2011	1/20/2011	1/20/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	1.6 U	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	0.27 U	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	0.28 U	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	1.9 U	--	2 U	--	2.1 U	--
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	13 U	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	1.9 U	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	0.43 U	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	0.28 U	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	0.61 U	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	0.55 U	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	9.5 U	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	1.6 U	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	1.3 U	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	1.8 U	--	--	--	--	--
2-Chloronaphthalene	**8270C**	0.25 U	--	--	--	--	--
2-Chlorophenol	**8270C**	1.9 U	--	--	--	--	--
2-Methylnaphthalene	**8270C**	0.28 U	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	1.6 U	--	--	--	--	--
2-Nitrophenol	**8270C**	0.37 U	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	1.9 U	--	--	--	--	--
3-Methylcholanthrene	**8270C**	1.6 U	--	--	--	--	--
3-Nitroaniline	**8270C**	1.9 U	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	3.8 U	--	--	--	--	--
4-Aminobiphenyl	**8270C**	4.3 U	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	0.41 U	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	1.6 U	--	--	--	--	--
4-Nitrophenol	**8270C**	1.2 U	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	19 U	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	1.3 U	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	1.5 U	--	--	--	--	--
Acenaphthene	**8270C**	0.27 U	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	0.47 U	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	6.6 U	--	--	--	--	--
Acetophenone	**8270C**	0.23 U	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	19 U	--	--	--	--	--
alpha-Naphthylamine	**8270C**	2.9 U	--	--	--	--	--
alpha-Picoline	**8270C**	1.1 U	--	--	--	--	--
Aniline	**8270C**	1.9 U	--	--	--	--	--
Anthracene	**8270C**	0.4 U	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	8.7 U	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	0.33 U	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	0.29 U	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	0.5 U	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	0.47 U	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	0.44 U	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	0.22 U	--	--	--	--	--
beta-Naphthylamine	**8270C**	2.9 U	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	0.92 U	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	0.39 U	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	0.27 U	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	0.53 U	--	10 U	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.95 U	--	1 U	--	--	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	0.51 U	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	0.48 U	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-21	HAR-21	HAR-21	HAR-21	HAR-23	HAR-23
SampleType:		Primary	Field Duplicate	Primary	Field Duplicate	Primary	Field Duplicate
Sample Name:		HAR-21_041311_01	HAR-21_041311_36	HAR-21_072911_01	HAR-21_072911_36	HAR-23_012011_01	HAR-23_012011_36
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/13/2011	4/13/2011	7/29/2011	7/29/2011	1/20/2011	1/20/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	0.28 U	--	--	--	--	--
Diethylphthalate	**8270C**	0.36 U	--	0.38 U	--	--	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	--	0.21 U	--	--	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	--	1.2 U	--	--	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.33 U	--	0.35 U	--	--	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	1 U	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	0.9 U	--	--	--	--	--
Fluoranthene	**8270C**	0.19 U	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	0.29 U	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	50 U	--	--	--
Formaldehyde	**8315A**	15 J	--	--	--	8.4 U	--
Hexachlorobenzene	**8270C**	0.63 U	--	--	--	--	--
Hexachlorobutadiene	**8270C**	3.1 U	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	1.5 UJ	--	--	--	--	--
Hexachloroethane	**8270C**	2 U	--	--	--	--	--
Hexachlorophene	**8321A**	0.49 U	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	1.9 U	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	0.62 U	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	1.7 U	--	--	--	--	--
Isophorone	**8270C**	0.2 U	--	--	--	--	--
Isosafrole	**8270C**	0.95 U	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	0.24 U	--	--	--	--	--
Methapyrilene	**8270C**	19 U	--	--	--	--	--
Methylmethanesulfonate	**8270C**	0.95 U	--	--	--	--	--
Naphthalene	**8270C**	0.28 U	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	--	0.81 U	--	0.83 U	--
n-Nitrosodiethylamine	**8270C**	1.6 U	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.046	0.046	0.04 J	0.039	0.028	0.029
n-Nitrosodimethylamine	**8270C**	0.28 U	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	1.2 U	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	0.33 U	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	0.42 U	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	1.7 U	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	1.9 U	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	1.9 U	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	0.76 U	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	1.9 U	--	--	--	--	--
o-Cresol	**8270C**	0.93 U	--	--	--	--	--
o-Tolidine	**8270C**	3.8 U	--	--	--	--	--
o-Toluidine	**8270C**	1.3 U	--	--	--	--	--
p-Chloroaniline	**8270C**	2 U	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	2.3 U	--	--	--	--	--
p-Cresol	**8270C**	0.24 U	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	1.9 U	--	--	--	--	--
Pentachlorobenzene	**8270C**	1.9 U	--	--	--	--	--
Pentachloroethane	**8270C**	1.9 U	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	1.9 U	--	--	--	--	--
Pentachlorophenol	**8270C**	0.79 U	--	--	--	--	--
Phenacetin	**8270C**	1 U	--	--	--	--	--
Phenanthrene	**8270C**	0.25 U	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	1.9 U	--	--	--	--	--
p-Nitroaniline	**8270C**	1.9 U	--	--	--	--	--
p-Phenylenediamine	**8270C**	4.7 U	--	--	--	--	--
Pronamide	**8270C**	1.9 U	--	--	--	--	--
Pyrene	**8270C**	0.35 U	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	1.6 U	--	--	--	--	--
Safrole	**8270C**	1.1 U	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	3.8 U	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-23	HAR-23	HAR-23	HAR-23	HAR-25	HAR-25
SampleType:		Primary	Field Duplicate	Primary	Field Duplicate	Primary	Primary
Sample Name:		HAR-23_041911_01	HAR-23_041911_36	HAR-23_072511_01	HAR-23_072511_36	HAR-25_011711_01	HAR-25_042211_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/19/2011	4/19/2011	7/25/2011	7/25/2011	1/17/2011	4/22/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	--	1.7 U
1,2,4-Trichlorobenzene	8270C	--	--	--	--	--	0.27 U
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	--	--	--	0.29 U
1,3-Dinitrobenzene	8270C	1.9 U	--	1.9 U	--	1.9 U	2 U
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	--	--	--	13 U
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	--	2 U
2,4,5-Trichlorophenol	8270C	--	--	--	--	--	0.44 U
2,4,6-Trichlorophenol	8270C	--	--	--	--	--	0.28 U
2,4-Dichlorophenol	8270C	--	--	--	--	--	0.63 U
2,4-Dimethylphenol	8270C	--	--	--	--	--	0.57 U
2,4-Dinitrophenol	8270C	--	--	--	--	--	9.8 U
2,4-Dinitrotoluene	8270C	--	--	--	--	--	1.6 U
2,6-Dichlorophenol	8270C	--	--	--	--	--	1.3 U
2,6-Dinitrotoluene	8270C	--	--	--	--	--	1.8 U
2-Chloronaphthalene	8270C	--	--	--	--	--	0.25 U
2-Chlorophenol	8270C	--	--	--	--	--	2 U
2-Methylnaphthalene	8270C	--	--	--	--	--	0.28 U
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	--	--	--	1.7 U
2-Nitrophenol	8270C	--	--	--	--	--	0.38 U
3,3'-Dichlorobenzidine	8270C	--	--	--	--	--	2 U
3-Methylcholanthrene	8270C	--	--	--	--	--	1.7 U
3-Nitroaniline	8270C	--	--	--	--	--	2 U
4,6-Dinitro-o-cresol	8270C	--	--	--	--	--	3.9 U
4-Aminobiphenyl	8270C	--	--	--	--	--	4.4 U
4-Bromophenylphenylether	8270C	--	--	--	--	--	0.42 U
4-Chlorophenylphenylether	8270C	--	--	--	--	--	1.6 U
4-Nitrophenol	8270C	--	--	--	--	--	1.2 U
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	--	20 U
5-Nitro-o-toluidine	8270C	--	--	--	--	--	1.4 U
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	--	1.5 U
Acenaphthene	8270C	--	--	--	--	--	0.27 U
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	--	--	--	0.48 U
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	--	--	--	6.8 U
Acetophenone	8270C	--	--	--	--	--	0.23 U
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	--	20 U
alpha-Naphthylamine	8270C	--	--	--	--	--	3 U
alpha-Picoline	8270C	--	--	--	--	--	1.2 U
Aniline	8270C	--	--	--	--	--	2 U
Anthracene	8270C	--	--	--	--	--	0.41 U
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	--	--	--	9 U
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	--	--	--	0.34 U
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	--	--	--	0.3 U
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	--	--	--	0.52 U
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	--	--	--	0.49 U
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	--	--	--	0.45 U
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	--	--	--	0.22 U
beta-Naphthylamine	8270C	--	--	--	--	--	3 U
bis(2-Chloroethoxy)methane	8270C	--	--	--	--	--	0.95 U
bis(2-Chloroethyl)ether	8270C	--	--	--	--	--	0.4 U
bis(2-Chloroisopropyl)ether	8270C	--	--	--	--	--	0.27 U
bis(2-Ethylhexyl)phthalate	8270C	--	--	--	--	0.53 U	0.55 U
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	--	--	--	--	0.95 U	0.98 U
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	--	--	--	0.53 U
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	--	--	--	0.5 U
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-23	HAR-23	HAR-23	HAR-23	HAR-25	HAR-25
SampleType:		Primary	Field Duplicate	Primary	Field Duplicate	Primary	Primary
Sample Name:		HAR-23_041911_01	HAR-23_041911_36	HAR-23_072511_01	HAR-23_072511_36	HAR-25_011711_01	HAR-25_042211_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/19/2011	4/19/2011	7/25/2011	7/25/2011	1/17/2011	4/22/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	0.28 U
Diethylphthalate	**8270C**	--	--	--	--	0.36 U	0.37 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	--	--	--	0.2 U	0.21 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	--	--	--	1.1 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	--	--	--	0.33 U	0.34 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	1 U
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	0.92 U
Fluoranthene	**8270C**	--	--	--	--	--	0.2 U
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	0.3 U
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	50 U	--	--	--
Formaldehyde	**8315A**	8.4 U	--	--	--	50 U	50 U
Hexachlorobenzene	**8270C**	--	--	--	--	--	0.65 U
Hexachlorobutadiene	**8270C**	--	--	--	--	--	3.2 U
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	1.5 U
Hexachloroethane	**8270C**	--	--	--	--	--	2.1 U
Hexachlorophene	**8321A**	--	--	--	--	--	0.49 U
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	2 U
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	0.64 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	1.7 U
Isophorone	**8270C**	--	--	--	--	--	0.21 U
Isosafrole	**8270C**	--	--	--	--	--	0.98 U
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	0.24 U
Methapyrilene	**8270C**	--	--	--	--	--	20 U
Methylmethanesulfonate	**8270C**	--	--	--	--	--	0.98 U
Naphthalene	**8270C**	--	--	--	--	--	0.28 U
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.79 U	--	0.77 U	--	0.77 U	0.79 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	1.7 U
n-Nitrosodimethylamine	**1625M**	0.026	0.025	0.015 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	0.28 U
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	1.2 U
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	0.34 U
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	0.43 U
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	1.7 U
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	2 U
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	2 U
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	0.79 U
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	2 U
o-Cresol	**8270C**	--	--	--	--	--	0.96 U
o-Tolidine	**8270C**	--	--	--	--	--	3.9 U
o-Toluidine	**8270C**	--	--	--	--	--	1.4 U
p-Chloroaniline	**8270C**	--	--	--	--	--	2.1 U
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	2.4 U
p-Cresol	**8270C**	--	--	--	--	--	0.24 U
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	2 U
Pentachlorobenzene	**8270C**	--	--	--	--	--	2 U
Pentachloroethane	**8270C**	--	--	--	--	--	2 U
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	2 U
Pentachlorophenol	**8270C**	--	--	--	--	--	0.81 U
Phenacetin	**8270C**	--	--	--	--	--	1.1 U
Phenanthrene	**8270C**	--	--	--	--	--	0.25 U
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	2 U
p-Nitroaniline	**8270C**	--	--	--	--	--	2 U
p-Phenylenediamine	**8270C**	--	--	--	--	--	4.9 U
Pronamide	**8270C**	--	--	--	--	--	2 U
Pyrene	**8270C**	--	--	--	--	--	0.36 U
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	1.7 U
Safrole	**8270C**	--	--	--	--	--	1.1 U
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	3.9 U

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-25	HAR-26	HAR-26	HAR-26	HAR-26	HAR-26
SampleType:		Primary	Primary	Primary	Primary	Split	Field Duplicate
Sample Name:		HAR-25_081011_01	HAR-26_012011_01	HAR-26_040711_01	HAR-26_072011_01	HAR-26_072011_03	HAR-26_072011_36
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver
Collection Date:		8/10/2011	1/20/2011	4/7/2011	7/20/2011	7/20/2011	7/20/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	1.7 U	--	--	--
1,2,4-Trichlorobenzene	8270C	--	--	0.27 U	--	--	--
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	0.29 U	--	--	--
1,3-Dinitrobenzene	8270C	1.9 U	1.9 U	1.9 U	1.9 U	--	--
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	13 U	--	--	--
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	1.9 U	--	--	--
2,4,5-Trichlorophenol	8270C	--	--	0.44 U	--	--	--
2,4,6-Trichlorophenol	8270C	--	--	0.28 U	--	--	--
2,4-Dichlorophenol	8270C	--	--	0.62 U	--	--	--
2,4-Dimethylphenol	8270C	--	--	0.56 U	--	--	--
2,4-Dinitrophenol	8270C	--	--	9.7 U	--	--	--
2,4-Dinitrotoluene	8270C	--	--	1.6 U	--	--	--
2,6-Dichlorophenol	8270C	--	--	1.3 U	--	--	--
2,6-Dinitrotoluene	8270C	--	--	1.8 U	--	--	--
2-Chloronaphthalene	8270C	--	--	0.25 U	--	--	--
2-Chlorophenol	8270C	--	--	1.9 U	--	--	--
2-Methylnaphthalene	8270C	--	--	0.28 U	--	--	--
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	1.7 U	--	--	--
2-Nitrophenol	8270C	--	--	0.38 U	--	--	--
3,3'-Dichlorobenzidine	8270C	--	--	1.9 U	--	--	--
3-Methylcholanthrene	8270C	--	--	1.7 U	--	--	--
3-Nitroaniline	8270C	--	--	1.9 U	--	--	--
4,6-Dinitro-o-cresol	8270C	--	--	3.9 U	--	--	--
4-Aminobiphenyl	8270C	--	--	4.4 U	--	--	--
4-Bromophenylphenylether	8270C	--	--	0.42 U	--	--	--
4-Chlorophenylphenylether	8270C	--	--	1.6 U	--	--	--
4-Nitrophenol	8270C	--	--	1.2 U	--	--	--
4-Nitroquinoline-1-oxide	8270C	--	--	19 U	--	--	--
5-Nitro-o-toluidine	8270C	--	--	1.4 U	--	--	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	1.5 U	--	--	--
Acenaphthene	8270C	--	--	0.27 U	--	--	--
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	0.48 U	--	--	--
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	6.8 U	--	--	--
Acetophenone	8270C	--	--	0.23 U	--	--	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	19 U	--	--	--
alpha-Naphthylamine	8270C	--	--	3 U	--	--	--
alpha-Picoline	8270C	--	--	1.2 U	--	--	--
Aniline	8270C	--	--	1.9 U	--	--	--
Anthracene	8270C	--	0.4 U	0.41 U	0.4 U	--	--
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	8.9 U	--	--	--
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	0.34 U	--	--	--
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	0.3 U	--	--	--
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	0.52 U	--	--	--
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	0.49 U	--	--	--
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	0.45 U	--	--	--
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	0.22 U	--	--	--
beta-Naphthylamine	8270C	--	--	3 U	--	--	--
bis(2-Chloroethoxy)methane	8270C	--	--	0.94 U	--	--	--
bis(2-Chloroethyl)ether	8270C	--	--	0.4 U	--	--	--
bis(2-Chloroisopropyl)ether	8270C	--	--	0.27 U	--	--	--
bis(2-Ethylhexyl)phthalate	8270C	9.7 U	--	89	0.54 U	3.8 U	0.54 U
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	0.97 U	--	0.97 U	0.96 U	3.8 U	0.96 U
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	0.52 U	--	--	--
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	0.5 U	--	--	--
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-25	HAR-26	HAR-26	HAR-26	HAR-26	HAR-26
SampleType:		Primary	Primary	Primary	Primary	Split	Field Duplicate
Sample Name:		HAR-25_081011_01	HAR-26_012011_01	HAR-26_040711_01	HAR-26_072011_01	HAR-26_072011_03	HAR-26_072011_36
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver
Collection Date:		8/10/2011	1/20/2011	4/7/2011	7/20/2011	7/20/2011	7/20/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	0.28 U	--	--	--
Diethylphthalate	**8270C**	0.37 U	--	0.37 U	0.41 J	3.3 U	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	--	0.2 U	0.2 U	2.4 U	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	--	1.1 U	1.1 U	2.9 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.34 U	--	0.34 U	0.34 U	3.3 U	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	1 U	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	0.92 U	--	--	--
Fluoranthene	**8270C**	--	--	0.19 U	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	0.3 U	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	50 U	--	--	50 U	--	--
Formaldehyde	**8315A**	--	8.4 U	8.4 U	--	--	--
Hexachlorobenzene	**8270C**	--	--	0.64 U	--	--	--
Hexachlorobutadiene	**8270C**	--	--	3.2 U	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	1.5 U	--	--	--
Hexachloroethane	**8270C**	--	--	2 U	--	--	--
Hexachlorophene	**8321A**	--	--	0.49 U	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	1.9 U	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	0.63 U	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	1.7 U	--	--	--
Isophorone	**8270C**	--	--	0.2 U	--	--	--
Isosafrole	**8270C**	--	--	0.97 U	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	0.24 U	--	--	--
Methapyrilene	**8270C**	--	--	19 U	--	--	--
Methylmethanesulfonate	**8270C**	--	--	0.97 U	--	--	--
Naphthalene	**8270C**	--	--	0.28 U	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.79 U	0.77 U	0.79 U	0.78 U	--	--
n-Nitrosodiethylamine	**8270C**	--	--	1.7 U	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	--	--
n-Nitrosodimethylamine	**8270C**	--	--	0.28 U	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	1.2 U	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	0.34 U	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	0.43 U	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	1.7 U	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	1.9 U	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	1.9 U	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	0.78 U	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	1.9 U	--	--	--
o-Cresol	**8270C**	--	--	0.95 U	--	--	--
o-Tolidine	**8270C**	--	--	3.9 U	--	--	--
o-Toluidine	**8270C**	--	--	1.4 U	--	--	--
p-Chloroaniline	**8270C**	--	--	2.1 U	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	2.3 U	--	--	--
p-Cresol	**8270C**	--	--	0.24 U	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	1.9 U	--	--	--
Pentachlorobenzene	**8270C**	--	--	1.9 U	--	--	--
Pentachloroethane	**8270C**	--	--	1.9 U	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	1.9 U	--	--	--
Pentachlorophenol	**8270C**	--	--	0.8 U	--	--	--
Phenacetin	**8270C**	--	--	1 U	--	--	--
Phenanthrene	**8270C**	--	--	0.25 U	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	1.9 U	--	--	--
p-Nitroaniline	**8270C**	--	--	1.9 U	--	--	--
p-Phenylenediamine	**8270C**	--	--	4.9 U	--	--	--
Pronamide	**8270C**	--	--	1.9 U	--	--	--
Pyrene	**8270C**	--	--	0.36 U	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	1.7 U	--	--	--
Safrole	**8270C**	--	--	1.1 U	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	3.9 U	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-27	HAR-27	HAR-27	HAR-28	HAR-28	HAR-28
SampleType:		Primary	Primary	Primary	Primary	Primary	Field Duplicate
Sample Name:		HAR-27_011911_01	HAR-27_041211_01	HAR-27_080211_01	HAR-28_011911_01	HAR-28_041211_01	HAR-28_041211_36
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/19/2011	4/12/2011	8/2/2011	1/19/2011	4/12/2011	4/12/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	1.7 U	--	--	1.8 U	--
1,2,4-Trichlorobenzene	8270C	--	0.28 U	--	--	0.29 U	--
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	0.3 U	--	--	0.32 U	--
1,3-Dinitrobenzene	8270C	1.9 U	2 U	1.9 U	2 U	2.1 U	--
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	14 U	--	--	15 U	--
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	2 U	--	--	2.1 U	--
2,4,5-Trichlorophenol	8270C	--	0.45 U	--	--	0.47 U	--
2,4,6-Trichlorophenol	8270C	--	0.29 U	--	--	0.31 U	--
2,4-Dichlorophenol	8270C	--	0.64 U	--	--	0.67 U	--
2,4-Dimethylphenol	8270C	--	0.58 U	--	--	0.61 U	--
2,4-Dinitrophenol	8270C	--	10 U	--	--	11 U	--
2,4-Dinitrotoluene	8270C	--	1.7 U	--	--	1.7 U	--
2,6-Dichlorophenol	8270C	--	1.4 U	--	--	1.4 U	--
2,6-Dinitrotoluene	8270C	--	1.9 U	--	--	2 U	--
2-Chloronaphthalene	8270C	--	0.26 U	--	--	0.27 U	--
2-Chlorophenol	8270C	--	2 U	--	--	2.1 U	--
2-Methylnaphthalene	8270C	--	0.29 U	--	--	0.31 U	--
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	1.7 U	--	--	1.8 U	--
2-Nitrophenol	8270C	--	0.39 U	--	--	0.41 U	--
3,3'-Dichlorobenzidine	8270C	--	2 U	--	--	2.1 U	--
3-Methylcholanthrene	8270C	--	1.7 U	--	--	1.8 U	--
3-Nitroaniline	8270C	--	2 U	--	--	2.1 U	--
4,6-Dinitro-o-cresol	8270C	--	4 U	--	--	4.2 U	--
4-Aminobiphenyl	8270C	--	4.5 U	--	--	4.7 U	--
4-Bromophenylphenylether	8270C	--	0.43 U	--	--	0.45 U	--
4-Chlorophenylphenylether	8270C	--	1.7 U	--	--	1.7 U	--
4-Nitrophenol	8270C	--	1.2 U	--	--	1.3 U	--
4-Nitroquinoline-1-oxide	8270C	--	20 U	--	--	21 U	--
5-Nitro-o-toluidine	8270C	--	1.4 U	--	--	1.5 U	--
7,12-Dimethylbenz(a)anthracene	8270C	--	1.6 U	--	--	1.6 U	--
Acenaphthene	8270C	--	0.28 U	--	--	0.29 U	--
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	0.49 U	--	--	0.52 U	--
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	7 U	--	--	7.4 U	--
Acetophenone	8270C	--	0.24 U	--	--	0.25 U	--
alpha,alpha-Dimethylphenethylamine	8270C	--	20 U	--	--	21 U	--
alpha-Naphthylamine	8270C	--	3.1 U	--	--	3.3 U	--
alpha-Picoline	8270C	--	1.2 U	--	--	1.3 U	--
Aniline	8270C	--	2 U	--	--	2.1 U	--
Anthracene	8270C	--	0.42 U	--	--	0.44 U	--
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	9.2 U	--	--	9.7 U	--
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	0.35 U	--	--	0.37 U	--
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	0.31 U	--	--	0.33 U	--
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	0.53 U	--	--	0.56 U	--
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	0.5 U	--	--	0.53 U	--
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	0.46 U	--	--	0.48 U	--
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	0.23 U	--	--	0.24 U	--
beta-Naphthylamine	8270C	--	3.1 U	--	--	3.3 U	--
bis(2-Chloroethoxy)methane	8270C	--	0.97 U	--	--	1 U	--
bis(2-Chloroethyl)ether	8270C	--	0.41 U	--	--	0.43 U	--
bis(2-Chloroisopropyl)ether	8270C	--	0.28 U	--	--	0.29 U	--
bis(2-Ethylhexyl)phthalate	8270C	--	0.56 U	--	--	0.59 U	--
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	--	1 U	--	--	1.1 U	--
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	0.54 U	--	--	0.57 U	--
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	0.51 U	--	--	0.54 U	--
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-27	HAR-27	HAR-27	HAR-28	HAR-28	HAR-28
SampleType:		Primary	Primary	Primary	Primary	Primary	Field Duplicate
Sample Name:		HAR-27_011911_01	HAR-27_041211_01	HAR-27_080211_01	HAR-28_011911_01	HAR-28_041211_01	HAR-28_041211_36
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/19/2011	4/12/2011	8/2/2011	1/19/2011	4/12/2011	4/12/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	0.29 U	--	--	0.31 U	--
Diethylphthalate	**8270C**	--	0.38 U	--	--	0.4 U	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	0.21 U	--	--	0.22 U	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	1.2 U	--	--	1.2 U	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	0.35 U	--	--	0.37 U	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	1.1 U	--	--	1.1 U	--
Ethylmethanesulfonate	**8270C**	--	0.94 U	--	--	0.99 U	--
Fluoranthene	**8270C**	--	0.2 U	--	--	0.21 U	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	0.31 U	--	--	0.33 U	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	50 U	--	--	--
Formaldehyde	**8315A**	8.4 U	8.4 U	--	8.4 U	8.4 U	--
Hexachlorobenzene	**8270C**	--	0.66 U	--	--	0.7 U	--
Hexachlorobutadiene	**8270C**	--	3.3 U	--	--	3.5 U	--
Hexachlorocyclopentadiene	**8270C**	--	1.5 U	--	--	1.6 U	--
Hexachloroethane	**8270C**	--	2.1 U	--	--	2.2 U	--
Hexachlorophene	**8321A**	--	0.49 U	--	--	0.49 U	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	2 U	--	--	2.1 U	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	0.65 U	--	--	0.68 U	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	1.8 U	--	--	1.9 U	--
Isophorone	**8270C**	--	0.21 U	--	--	0.22 U	--
Isosafrole	**8270C**	--	1 U	--	--	1.1 U	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	0.25 U	--	--	0.26 U	--
Methapyrilene	**8270C**	--	20 U	--	--	21 U	--
Methylmethanesulfonate	**8270C**	--	1 U	--	--	1.1 U	--
Naphthalene	**8270C**	--	0.29 U	--	--	0.31 U	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.78 U	0.81 U	0.77 U	0.83 U	0.85 U	--
n-Nitrosodiethylamine	**8270C**	--	1.7 U	--	--	1.8 U	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.01	0.011
n-Nitrosodimethylamine	**8270C**	--	0.29 U	--	--	0.31 U	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	1.2 U	--	--	1.3 U	--
n-Nitrosodi-n-propylamine	**8270C**	--	0.35 U	--	--	0.37 U	--
n-Nitrosodiphenylamine	**8270C**	--	0.44 U	--	--	0.46 U	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	1.8 U	--	--	1.9 U	--
n-Nitrosomorpholine	**8270C**	--	2 U	--	--	2.1 U	--
n-Nitrosopiperidine	**8270C**	--	2 U	--	--	2.1 U	--
n-Nitrosopyrrolidine	**8270C**	--	0.81 U	--	--	0.85 U	--
o,o,o-Triethylphosphorothioate	**8270C**	--	2 U	--	--	2.1 U	--
o-Cresol	**8270C**	--	0.98 U	--	--	1 U	--
o-Tolidine	**8270C**	--	4 U	--	--	4.2 U	--
o-Toluidine	**8270C**	--	1.4 U	--	--	1.5 U	--
p-Chloroaniline	**8270C**	--	2.1 U	--	--	2.3 U	--
p-Chloro-m-cresol	**8270C**	--	2.4 U	--	--	2.5 U	--
p-Cresol	**8270C**	--	0.25 U	--	--	0.26 U	--
p-Dimethylaminoazobenzene	**8270C**	--	2 U	--	--	2.1 U	--
Pentachlorobenzene	**8270C**	--	2 U	--	--	2.1 U	--
Pentachloroethane	**8270C**	--	2 U	--	--	2.1 U	--
Pentachloronitrobenzene	**8270C**	--	2 U	--	--	2.1 U	--
Pentachlorophenol	**8270C**	--	0.82 U	--	--	0.81 U	--
Phenacetin	**8270C**	--	1.1 U	--	--	1.1 U	--
Phenanthrene	**8270C**	--	0.26 U	--	--	0.27 U	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	2 U	--	--	2.1 U	--
p-Nitroaniline	**8270C**	--	2 U	--	--	2.1 U	--
p-Phenylenediamine	**8270C**	--	5 U	--	--	5.3 U	--
Pronamide	**8270C**	--	2 U	--	--	2.1 U	--
Pyrene	**8270C**	--	0.37 U	--	--	0.39 U	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	1.7 U	--	--	1.8 U	--
Safrole	**8270C**	--	1.1 U	--	--	1.2 U	--
sym-Trinitrobenzene	**8270C**	--	4 U	--	--	4.2 U	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-28	HAR-29	HAR-29	HAR-29	HAR-30	HAR-30
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-28_080211_01	HAR-29_011711_01	HAR-29_041911_01	HAR-29_080211_01	HAR-30_012811_01	HAR-30_042811_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/2/2011	1/17/2011	4/19/2011	8/2/2011	1/28/2011	4/28/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	1.7 U	--	--	1.7 U
1,2,4-Trichlorobenzene	8270C	--	--	0.27 U	--	--	0.28 U
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	0.29 U	--	--	0.3 U
1,3-Dinitrobenzene	8270C	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	13 U	--	--	14 U
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	1.9 U	--	--	2 U
2,4,5-Trichlorophenol	8270C	--	--	0.44 U	--	--	0.45 U
2,4,6-Trichlorophenol	8270C	--	--	0.28 U	--	--	0.29 U
2,4-Dichlorophenol	8270C	--	--	0.62 U	--	--	0.65 U
2,4-Dimethylphenol	8270C	--	--	0.57 U	--	--	0.58 U
2,4-Dinitrophenol	8270C	--	--	9.7 U	--	--	10 U
2,4-Dinitrotoluene	8270C	--	--	1.6 U	--	--	1.7 U
2,6-Dichlorophenol	8270C	--	--	1.3 U	--	--	1.4 U
2,6-Dinitrotoluene	8270C	--	--	1.8 U	--	--	1.9 U
2-Chloronaphthalene	8270C	--	--	0.25 U	--	--	0.26 U
2-Chlorophenol	8270C	--	--	1.9 U	--	--	2 U
2-Methylnaphthalene	8270C	--	--	0.28 U	--	--	0.29 U
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	1.7 U	--	--	1.7 U
2-Nitrophenol	8270C	--	--	0.38 U	--	--	0.39 U
3,3'-Dichlorobenzidine	8270C	--	--	1.9 U	--	--	2 U
3-Methylcholanthrene	8270C	--	--	1.7 U	--	--	1.7 U
3-Nitroaniline	8270C	--	--	1.9 U	--	--	2 U
4,6-Dinitro-o-cresol	8270C	--	--	3.9 U	--	--	4 U
4-Aminobiphenyl	8270C	--	--	4.4 U	--	--	4.5 U
4-Bromophenylphenylether	8270C	--	--	0.42 U	--	--	0.43 U
4-Chlorophenylphenylether	8270C	--	--	1.6 U	--	--	1.7 U
4-Nitrophenol	8270C	--	--	1.2 U	--	--	1.2 U
4-Nitroquinoline-1-oxide	8270C	--	--	19 U	--	--	20 U
5-Nitro-o-toluidine	8270C	--	--	1.4 U	--	--	1.4 U
7,12-Dimethylbenz(a)anthracene	8270C	--	--	1.5 U	--	--	1.6 U
Acenaphthene	8270C	--	--	0.27 U	--	--	0.28 U
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	0.48 U	--	--	0.49 U
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	6.8 U	--	--	7 U
Acetophenone	8270C	--	--	0.23 U	--	--	0.24 U
alpha,alpha-Dimethylphenethylamine	8270C	--	--	19 U	--	--	20 U
alpha-Naphthylamine	8270C	--	--	3 U	--	--	3.1 U
alpha-Picoline	8270C	--	--	1.2 U	--	--	1.2 U
Aniline	8270C	--	--	1.9 U	--	--	2 U
Anthracene	8270C	--	--	0.41 U	--	--	0.42 U
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	9 U	--	--	9.3 U
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	0.34 U	--	--	0.35 U
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	0.3 U	--	--	0.31 U
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	0.52 U	--	--	0.54 U
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	0.49 U	--	--	0.5 U
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	0.45 U	--	--	0.46 U
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	0.22 U	--	--	0.23 U
beta-Naphthylamine	8270C	--	--	3 U	--	--	3.1 U
bis(2-Chloroethoxy)methane	8270C	--	--	0.95 U	--	--	0.98 U
bis(2-Chloroethyl)ether	8270C	--	--	0.4 U	--	--	0.41 U
bis(2-Chloroisopropyl)ether	8270C	--	--	0.27 U	--	--	0.28 U
bis(2-Ethylhexyl)phthalate	8270C	--	--	0.55 U	--	--	0.56 U
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	--	--	0.97 U	--	--	1 U
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	0.53 U	--	--	0.54 U
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	0.5 U	--	--	0.51 U
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-28	HAR-29	HAR-29	HAR-29	HAR-30	HAR-30
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-28_080211_01	HAR-29_011711_01	HAR-29_041911_01	HAR-29_080211_01	HAR-30_012811_01	HAR-30_042811_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/2/2011	1/17/2011	4/19/2011	8/2/2011	1/28/2011	4/28/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	0.28 U	--	--	0.29 U
Diethylphthalate	**8270C**	--	--	0.37 U	--	--	10 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	--	0.2 U	--	--	0.21 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	--	1.1 U	--	--	1.2 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	--	0.34 U	--	--	0.35 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	1 U	--	--	1.1 U
Ethylmethanesulfonate	**8270C**	--	--	0.92 U	--	--	0.95 U
Fluoranthene	**8270C**	--	--	0.19 U	--	--	0.2 U
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	0.3 U	--	--	0.31 U
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	50 U	--	--	50 U	--	--
Formaldehyde	**8315A**	--	50 U	8.4 U	--	18 J	8.4 U
Hexachlorobenzene	**8270C**	--	--	0.64 U	--	--	0.67 U
Hexachlorobutadiene	**8270C**	--	--	3.2 U	--	--	3.3 U
Hexachlorocyclopentadiene	**8270C**	--	--	1.5 UJ	--	--	1.5 U
Hexachloroethane	**8270C**	--	--	2 U	--	--	2.1 U
Hexachlorophene	**8321A**	--	--	0.49 UJ	--	--	0.49 U
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	1.9 U	--	--	2 U
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	0.63 U	--	--	0.66 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	1.7 U	--	--	1.8 U
Isophorone	**8270C**	--	--	0.2 U	--	--	0.21 U
Isosafrole	**8270C**	--	--	0.97 U	--	--	1 U
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	0.24 U	--	--	0.25 U
Methapyrilene	**8270C**	--	--	19 U	--	--	20 U
Methylmethanesulfonate	**8270C**	--	--	0.97 U	--	--	1 U
Naphthalene	**8270C**	--	--	0.28 U	--	--	0.29 U
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.81 U	0.8 U	0.79 U	0.77 U	0.79 U	0.82 U
n-Nitrosodiethylamine	**8270C**	--	--	1.7 U	--	--	1.7 U
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01
n-Nitrosodimethylamine	**8270C**	--	--	0.28 U	--	--	0.29 U
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	1.2 U	--	--	1.2 U
n-Nitrosodi-n-propylamine	**8270C**	--	--	0.34 U	--	--	0.35 U
n-Nitrosodiphenylamine	**8270C**	--	--	0.43 U	--	--	0.44 U
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	1.7 U	--	--	1.8 U
n-Nitrosomorpholine	**8270C**	--	--	1.9 U	--	--	2 U
n-Nitrosopiperidine	**8270C**	--	--	1.9 U	--	--	2 U
n-Nitrosopyrrolidine	**8270C**	--	--	0.78 U	--	--	0.81 U
o,o,o-Triethylphosphorothioate	**8270C**	--	--	1.9 U	--	--	2 U
o-Cresol	**8270C**	--	--	0.96 U	--	--	0.99 U
o-Tolidine	**8270C**	--	--	3.9 U	--	--	4 U
o-Toluidine	**8270C**	--	--	1.4 U	--	--	1.4 U
p-Chloroaniline	**8270C**	--	--	2.1 U	--	--	2.2 U
p-Chloro-m-cresol	**8270C**	--	--	2.3 U	--	--	2.4 U
p-Cresol	**8270C**	--	--	0.24 U	--	--	0.25 U
p-Dimethylaminoazobenzene	**8270C**	--	--	1.9 U	--	--	2 U
Pentachlorobenzene	**8270C**	--	--	1.9 U	--	--	2 U
Pentachloroethane	**8270C**	--	--	1.9 U	--	--	2 U
Pentachloronitrobenzene	**8270C**	--	--	1.9 U	--	--	2 U
Pentachlorophenol	**8270C**	--	--	0.77 U	--	--	0.81 U
Phenacetin	**8270C**	--	--	1.1 U	--	--	1.1 U
Phenanthrene	**8270C**	--	--	0.25 U	--	--	0.26 U
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	1.9 U	--	--	2 U
p-Nitroaniline	**8270C**	--	--	1.9 U	--	--	2 U
p-Phenylenediamine	**8270C**	--	--	4.9 U	--	--	5 U
Pronamide	**8270C**	--	--	1.9 U	--	--	2 U
Pyrene	**8270C**	--	--	0.36 U	--	--	0.37 U
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	1.7 U	--	--	1.7 U
Safrole	**8270C**	--	--	1.1 U	--	--	1.1 U
sym-Trinitrobenzene	**8270C**	--	--	3.9 U	--	--	4 U

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-30	HAR-30	HAR-31	HAR-31	HAR-31	HAR-32
SampleType:		Field Duplicate	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-30_042811_36	HAR-30_072111_01	HAR-31_011911_01	HAR-31_041411_01	HAR-31_072011_01	HAR-32_011711_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/28/2011	7/21/2011	1/19/2011	4/14/2011	7/20/2011	1/17/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8270C	--	--	--	--	--	--
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dinitrobenzene	8270C	--	1.9 U	2 U	2 U	--	2 U
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	--	--	--	--
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	--	--
2,4,5-Trichlorophenol	8270C	--	--	--	--	--	--
2,4,6-Trichlorophenol	8270C	--	--	--	--	--	--
2,4-Dichlorophenol	8270C	--	--	--	--	--	--
2,4-Dimethylphenol	8270C	--	--	--	--	--	--
2,4-Dinitrophenol	8270C	--	--	--	--	--	--
2,4-Dinitrotoluene	8270C	--	--	--	--	--	--
2,6-Dichlorophenol	8270C	--	--	--	--	--	--
2,6-Dinitrotoluene	8270C	--	--	--	--	--	--
2-Chloronaphthalene	8270C	--	--	--	--	--	--
2-Chlorophenol	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	--	--	--	--
2-Nitrophenol	8270C	--	--	--	--	--	--
3,3'-Dichlorobenzidine	8270C	--	--	--	--	--	--
3-Methylcholanthrene	8270C	--	--	--	--	--	--
3-Nitroaniline	8270C	--	--	--	--	--	--
4,6-Dinitro-o-cresol	8270C	--	--	--	--	--	--
4-Aminobiphenyl	8270C	--	--	--	--	--	--
4-Bromophenylphenylether	8270C	--	--	--	--	--	--
4-Chlorophenylphenylether	8270C	--	--	--	--	--	--
4-Nitrophenol	8270C	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	--	--
5-Nitro-o-toluidine	8270C	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	--	--
Acenaphthene	8270C	--	--	--	--	--	--
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	--	--	--	--
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	--	--	--	--
Acetophenone	8270C	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	--	--
alpha-Naphthylamine	8270C	--	--	--	--	--	--
alpha-Picoline	8270C	--	--	--	--	--	--
Aniline	8270C	--	--	--	--	--	--
Anthracene	8270C	--	--	--	--	--	--
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	--	--	--	--
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	--	--	--	--
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	--	--	--	--
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	--	--	--	--
beta-Naphthylamine	8270C	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	8270C	--	--	--	--	--	--
bis(2-Chloroethyl)ether	8270C	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	8270C	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	8270C	--	--	--	--	0.57 U	--
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	--	--	--	--	1 U	--
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	--	--	--	--
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-30	HAR-30	HAR-31	HAR-31	HAR-31	HAR-32
SampleType:		Field Duplicate	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-30_042811_36	HAR-30_072111_01	HAR-31_011911_01	HAR-31_041411_01	HAR-31_072011_01	HAR-32_011711_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/28/2011	7/21/2011	1/19/2011	4/14/2011	7/20/2011	1/17/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	--	--	--	--	0.39 U	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	--	--	--	0.22 U	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	--	--	--	1.2 U	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	--	--	--	0.36 U	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	50 U	--	--	--	--
Formaldehyde	**8315A**	--	--	8.4 U	8.4 U	--	50 U
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	--	0.78 U	0.8 U	0.8 U	--	0.81 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	--	0.18
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-32	HAR-32	HAR-32	HAR-32	HAR-32	HAR-33
	SampleType:	Field Duplicate	Primary	Primary	Primary	Field Duplicate	Primary
	Sample Name:	HAR-32_011711_36	HAR-32_042711_01	HAR-32_072111_01	HAR-32_080811_01	HAR-32_080811_36	HAR-33_011711_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/17/2011	4/27/2011	7/21/2011	8/8/2011	8/8/2011	1/17/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	1.8 U	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	0.28 U	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	0.3 U	--	--	--	--
1,3-Dinitrobenzene	**8270C**	--	2 U	2 U	--	--	2 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	14 U	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	2 U	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	0.46 U	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	0.29 U	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	0.65 U	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	0.59 U	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	10 U	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	1.7 U	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	1.4 U	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	1.9 U	--	--	--	--
2-Chloronaphthalene	**8270C**	--	0.26 U	--	--	--	--
2-Chlorophenol	**8270C**	--	2 U	--	--	--	--
2-Methylnaphthalene	**8270C**	--	0.29 U	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	1.8 U	--	--	--	--
2-Nitrophenol	**8270C**	--	0.39 U	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	2 U	--	--	--	--
3-Methylcholanthrene	**8270C**	--	1.7 U	--	--	--	--
3-Nitroaniline	**8270C**	--	2 U	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	4 U	--	--	--	--
4-Aminobiphenyl	**8270C**	--	4.6 U	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	0.44 U	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	1.7 U	--	--	--	--
4-Nitrophenol	**8270C**	--	1.2 U	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	20 U	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	1.4 U	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	1.6 U	--	--	--	--
Acenaphthene	**8270C**	--	0.28 U	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	0.5 U	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	7.1 U	--	--	--	--
Acetophenone	**8270C**	--	0.24 U	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	20 U	--	--	--	--
alpha-Naphthylamine	**8270C**	--	3.1 U	--	--	--	--
alpha-Picoline	**8270C**	--	1.2 U	--	--	--	--
Aniline	**8270C**	--	2 U	--	--	--	--
Anthracene	**8270C**	--	0.43 U	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	9.3 U	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	0.35 U	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	0.31 U	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	0.54 U	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	0.51 U	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	0.47 U	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	0.23 U	--	--	--	--
beta-Naphthylamine	**8270C**	--	3.1 U	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	0.98 U	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	0.41 U	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	0.28 U	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	--	0.57 U	9.8 U	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	1 U	0.98 U	--	--	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	--	0.55 U	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	0.52 U	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-32	HAR-32	HAR-32	HAR-32	HAR-32	HAR-33
SampleType:		Field Duplicate	Primary	Primary	Primary	Field Duplicate	Primary
Sample Name:		HAR-32_011711_36	HAR-32_042711_01	HAR-32_072111_01	HAR-32_080811_01	HAR-32_080811_36	HAR-33_011711_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/17/2011	4/27/2011	7/21/2011	8/8/2011	8/8/2011	1/17/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	0.29 U	--	--	--	--
Diethylphthalate	**8270C**	--	10 U	0.37 U	--	--	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	0.21 U	0.21 U	--	--	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	1.2 U	1.1 U	--	--	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	0.35 U	4.7 J	--	--	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	1.1 U	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	0.95 U	--	--	--	--
Fluoranthene	**8270C**	--	0.2 U	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	0.31 U	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	50 U	--	--	--
Formaldehyde	**8315A**	--	8.4 U	--	--	--	50 U
Hexachlorobenzene	**8270C**	--	0.67 U	--	--	--	--
Hexachlorobutadiene	**8270C**	--	3.3 U	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	1.5 U	--	--	--	--
Hexachloroethane	**8270C**	--	2.1 U	--	--	--	--
Hexachlorophene	**8321A**	--	0.49 U	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	2 U	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	0.66 U	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	1.8 U	--	--	--	--
Isophorone	**8270C**	--	0.21 U	--	--	--	--
Isosafrole	**8270C**	--	1 U	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	0.25 U	--	--	--	--
Methapyrilene	**8270C**	--	20 U	--	--	--	--
Methylmethanesulfonate	**8270C**	--	1 U	--	--	--	--
Naphthalene	**8270C**	--	0.29 U	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	--	0.82 U	0.79 U	--	--	0.81 U
n-Nitrosodiethylamine	**8270C**	--	1.8 U	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.18	0.005 U	--	0.024 J	0.023 J	0.005 U
n-Nitrosodimethylamine	**8270C**	--	0.29 U	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	1.2 U	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	0.35 U	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	0.45 U	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	1.8 U	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	2 U	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	2 U	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	0.81 U	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	2 U	--	--	--	--
o-Cresol	**8270C**	--	0.99 U	--	--	--	--
o-Tolidine	**8270C**	--	4 U	--	--	--	--
o-Toluidine	**8270C**	--	1.4 U	--	--	--	--
p-Chloroaniline	**8270C**	--	2.2 U	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	2.4 U	--	--	--	--
p-Cresol	**8270C**	--	0.25 U	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	2 U	--	--	--	--
Pentachlorobenzene	**8270C**	--	2 U	--	--	--	--
Pentachloroethane	**8270C**	--	2 U	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	2 U	--	--	--	--
Pentachlorophenol	**8270C**	--	0.8 U	--	--	--	--
Phenacetin	**8270C**	--	1.1 U	--	--	--	--
Phenanthrene	**8270C**	--	0.26 U	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	2 U	--	--	--	--
p-Nitroaniline	**8270C**	--	2 U	--	--	--	--
p-Phenylenediamine	**8270C**	--	5.1 U	--	--	--	--
Pronamide	**8270C**	--	2 U	--	--	--	--
Pyrene	**8270C**	--	0.37 U	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	1.7 U	--	--	--	--
Safrole	**8270C**	--	1.1 U	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	4 U	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-33	HAR-33	PZ-035	PZ-035	PZ-035	PZ-035
SampleType:		Primary	Primary	Primary	Field Duplicate	Primary	Field Duplicate
Sample Name:		HAR-33_042511_01	HAR-33_072511_01	PZ-035_042611_01	PZ-035_042611_36	PZ-035_072111_01A	PZ-035_072111_36A
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/25/2011	7/25/2011	4/26/2011	4/26/2011	7/21/2011	7/21/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	1.7 U	--	1.7 U	--	--	--
1,2,4-Trichlorobenzene	**8270C**	0.28 U	--	0.28 U	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	0.3 U	--	0.3 U	--	--	--
1,3-Dinitrobenzene	**8270C**	2 U	2.1 U	2 U	--	1.9 U	--
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	14 U	--	14 U	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	2 U	--	2 U	--	--	--
2,4,5-Trichlorophenol	**8270C**	0.45 U	--	0.45 U	--	--	--
2,4,6-Trichlorophenol	**8270C**	0.29 U	--	0.29 U	--	--	--
2,4-Dichlorophenol	**8270C**	0.64 U	--	0.64 U	--	--	--
2,4-Dimethylphenol	**8270C**	0.58 U	--	0.58 U	--	--	--
2,4-Dinitrophenol	**8270C**	10 U	--	10 U	--	--	--
2,4-Dinitrotoluene	**8270C**	1.7 U	--	1.7 U	--	--	--
2,6-Dichlorophenol	**8270C**	1.3 U	--	1.4 U	--	--	--
2,6-Dinitrotoluene	**8270C**	1.9 U	--	1.9 U	--	--	--
2-Chloronaphthalene	**8270C**	0.26 U	--	0.26 U	--	--	--
2-Chlorophenol	**8270C**	2 U	--	2 U	--	--	--
2-Methylnaphthalene	**8270C**	0.29 U	--	0.29 U	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	1.7 U	--	1.7 U	--	--	--
2-Nitrophenol	**8270C**	0.39 U	--	0.39 U	--	--	--
3,3'-Dichlorobenzidine	**8270C**	2 U	--	2 U	--	--	--
3-Methylcholanthrene	**8270C**	1.7 U	--	1.7 U	--	--	--
3-Nitroaniline	**8270C**	2 U	--	2 U	--	--	--
4,6-Dinitro-o-cresol	**8270C**	4 U	--	4 U	--	--	--
4-Aminobiphenyl	**8270C**	4.5 U	--	4.5 U	--	--	--
4-Bromophenylphenylether	**8270C**	0.43 U	--	0.43 U	--	--	--
4-Chlorophenylphenylether	**8270C**	1.7 U	--	1.7 U	--	--	--
4-Nitrophenol	**8270C**	1.2 U	--	1.2 U	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	20 U	--	20 U	--	--	--
5-Nitro-o-toluidine	**8270C**	1.4 U	--	1.4 U	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	1.6 U	--	1.6 U	--	--	--
Acenaphthene	**8270C**	0.28 U	--	0.28 U	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	0.49 U	--	0.49 U	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	7 U	--	7 U	--	--	--
Acetophenone	**8270C**	0.24 U	--	0.24 U	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	20 U	--	20 U	--	--	--
alpha-Naphthylamine	**8270C**	3.1 U	--	3.1 U	--	--	--
alpha-Picoline	**8270C**	1.2 U	--	1.2 U	--	--	--
Aniline	**8270C**	2 U	--	2 U	--	--	--
Anthracene	**8270C**	0.42 U	--	0.42 U	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	9.2 U	--	9.2 U	--	--	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	0.35 U	--	0.35 U	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	0.31 U	--	0.31 U	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	0.53 U	--	0.53 U	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	0.5 U	--	0.5 U	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	0.46 U	--	0.46 U	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	0.23 U	--	0.23 U	--	--	--
beta-Naphthylamine	**8270C**	3.1 U	--	3.1 U	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	0.97 U	--	0.97 U	--	--	--
bis(2-Chloroethyl)ether	**8270C**	0.41 U	--	0.41 U	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	0.28 U	--	0.28 U	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	0.56 U	8.9 J	0.56 U	--	9.5 U	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	1 U	1 U	1 U	--	0.95 U	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	0.54 U	--	0.54 U	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	0.51 U	--	0.51 U	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-33	HAR-33	PZ-035	PZ-035	PZ-035	PZ-035
SampleType:		Primary	Primary	Primary	Field Duplicate	Primary	Field Duplicate
Sample Name:		HAR-33_042511_01	HAR-33_072511_01	PZ-035_042611_01	PZ-035_042611_36	PZ-035_072111_01A	PZ-035_072111_36A
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/25/2011	7/25/2011	4/26/2011	4/26/2011	7/21/2011	7/21/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	0.29 U	--	0.29 U	--	--	--
Diethylphthalate	**8270C**	0.38 U	0.4 U	10 U	--	1.5 J	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.21 U	0.22 U	0.21 U	--	0.2 U	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.2 U	1.2 U	1.2 U	--	1.1 U	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.35 U	0.37 U	0.35 U	--	0.33 U	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	1.1 U	--	1.1 U	--	--	--
Ethylmethanesulfonate	**8270C**	0.94 U	--	0.95 U	--	--	--
Fluoranthene	**8270C**	0.2 U	--	0.2 U	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	0.31 U	--	0.31 U	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	50 U	--	--	50 U	--
Formaldehyde	**8315A**	8.4 U	--	8.9 J	--	--	--
Hexachlorobenzene	**8270C**	0.66 U	--	0.66 U	--	--	--
Hexachlorobutadiene	**8270C**	3.3 U	--	3.3 U	--	--	--
Hexachlorocyclopentadiene	**8270C**	1.5 U	--	1.5 U	--	--	--
Hexachloroethane	**8270C**	2.1 U	--	2.1 U	--	--	--
Hexachlorophene	**8321A**	0.49 UJ	--	0.49 UJ	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	2 U	--	2 U	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	0.65 U	--	0.65 U	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	1.8 U	--	1.8 U	--	--	--
Isophorone	**8270C**	0.21 U	--	0.21 U	--	--	--
Isosafrole	**8270C**	1 U	--	1 U	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	0.25 U	--	0.25 U	--	--	--
Methapyrilene	**8270C**	20 U	--	20 U	--	--	--
Methylmethanesulfonate	**8270C**	1 U	--	1 U	--	--	--
Naphthalene	**8270C**	0.29 U	--	0.29 U	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.81 U	0.85 U	0.81 U	--	0.77 U	--
n-Nitrosodiethylamine	**8270C**	1.7 U	--	1.7 U	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.0098	0.016	0.023	0.033
n-Nitrosodimethylamine	**8270C**	0.29 U	--	0.29 U	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	1.2 U	--	1.2 U	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	0.35 U	--	0.35 U	--	--	--
n-Nitrosodiphenylamine	**8270C**	0.44 U	--	0.44 U	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	1.8 U	--	1.8 U	--	--	--
n-Nitrosomorpholine	**8270C**	2 U	--	2 U	--	--	--
n-Nitrosopiperidine	**8270C**	2 U	--	2 U	--	--	--
n-Nitrosopyrrolidine	**8270C**	0.8 U	--	0.81 U	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	2 U	--	2 U	--	--	--
o-Cresol	**8270C**	0.98 U	--	0.98 U	--	--	--
o-Tolidine	**8270C**	4 U	--	4 U	--	--	--
o-Toluidine	**8270C**	1.4 U	--	1.4 U	--	--	--
p-Chloroaniline	**8270C**	2.1 U	--	2.1 U	--	--	--
p-Chloro-m-cresol	**8270C**	2.4 U	--	2.4 U	--	--	--
p-Cresol	**8270C**	0.25 U	--	0.25 U	--	--	--
p-Dimethylaminoazobenzene	**8270C**	2 U	--	2 U	--	--	--
Pentachlorobenzene	**8270C**	2 U	--	2 U	--	--	--
Pentachloroethane	**8270C**	2 U	--	2 U	--	--	--
Pentachloronitrobenzene	**8270C**	2 U	--	2 U	--	--	--
Pentachlorophenol	**8270C**	0.76 U	--	0.8 U	--	--	--
Phenacetin	**8270C**	1.1 U	--	1.1 U	--	--	--
Phenanthrene	**8270C**	0.26 U	--	0.26 U	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	2 U	--	2 U	--	--	--
p-Nitroaniline	**8270C**	2 U	--	2 U	--	--	--
p-Phenylenediamine	**8270C**	5 U	--	5 U	--	--	--
Pronamide	**8270C**	2 U	--	2 U	--	--	--
Pyrene	**8270C**	0.37 U	--	0.37 U	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	1.7 U	--	1.7 U	--	--	--
Safrole	**8270C**	1.1 U	--	1.1 U	--	--	--
sym-Trinitrobenzene	**8270C**	4 U	--	4 U	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-060	PZ-060	PZ-060	PZ-060	PZ-060	PZ-060
SampleType:		Primary	Split	Field Duplicate	Primary	Primary	Split
Sample Name:		PZ-060_012811_01	PZ-060_012811_03	PZ-060_012811_36	PZ-060_042711_01	PZ-060_072111_01	PZ-060_072111_03
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Irvine
Collection Date:		1/28/2011	1/28/2011	1/28/2011	4/27/2011	7/21/2011	7/21/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	1.7 U	2.4 U	1.7 U	1.7 U	1.8 U	2.5 U
1,2,4-Trichlorobenzene	**8270C**	0.28 U	2.4 U	0.28 U	0.28 U	0.29 U	2.5 U
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	0.3 U	2.8 U	0.3 U	0.3 U	0.31 U	2.9 U
1,3-Dinitrobenzene	**8270C**	2 U	3.3 U	2 U	2 U	2.1 U	3.4 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	14 U	3.8 U	14 U	14 U	14 UJ	3.9 U
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	2 U	4.2 U	2 U	2 U	2.1 U	4.4 U
2,4,5-Trichlorophenol	**8270C**	0.45 U	2.8 U	0.45 U	0.45 U	0.47 U	2.9 U
2,4,6-Trichlorophenol	**8270C**	0.29 U	4.2 U	0.29 U	0.29 U	0.3 U	4.4 U
2,4-Dichlorophenol	**8270C**	0.64 U	3.3 U	0.63 U	0.64 U	0.66 U	3.4 U
2,4-Dimethylphenol	**8270C**	0.58 U	3.3 U	0.57 U	0.58 U	0.6 U	3.4 U
2,4-Dinitrophenol	**8270C**	10 U	7.5 U	9.9 U	10 U	10 U	7.8 U
2,4-Dinitrotoluene	**8270C**	1.7 U	3.3 U	1.6 U	1.7 U	1.7 U	3.4 U
2,6-Dichlorophenol	**8270C**	1.4 U	5.7 U	1.3 U	1.4 U	1.4 U	5.9 U
2,6-Dinitrotoluene	**8270C**	1.9 U	1.9 U	1.9 U	1.9 U	2 U	2 U
2-Chloronaphthalene	**8270C**	0.26 U	2.8 U	0.26 U	0.26 U	0.27 U	2.9 U
2-Chlorophenol	**8270C**	2 U	2.8 U	2 U	2 U	2.1 U	2.9 U
2-Methylnaphthalene	**8270C**	0.29 U	1.9 U	0.29 U	0.29 U	0.3 U	2 U
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	1.7 U	1.9 U	1.7 U	1.7 U	1.8 U	2 U
2-Nitrophenol	**8270C**	0.39 U	3.3 U	0.39 U	0.39 U	0.4 U	3.4 U
3,3'-Dichlorobenzidine	**8270C**	2 U	7.1 U	2 U	2 U	2.1 U	7.4 U
3-Methylcholanthrene	**8270C**	1.7 U	2.4 U	1.7 U	1.7 U	1.8 U	2.5 U
3-Nitroaniline	**8270C**	2 U	2.8 U	2 U	2 U	2.1 U	2.9 U
4,6-Dinitro-o-cresol	**8270C**	4 U	3.8 U	4 U	4 U	4.1 U	3.9 U
4-Aminobiphenyl	**8270C**	4.5 U	4.7 U	4.5 U	4.5 U	4.7 U	4.9 U
4-Bromophenylphenylether	**8270C**	0.43 U	2.8 U	0.43 U	0.43 U	0.45 U	2.9 U
4-Chlorophenylphenylether	**8270C**	1.7 U	2.4 U	1.6 U	1.7 U	1.7 U	2.5 U
4-Nitrophenol	**8270C**	1.2 U	5.2 U	1.2 U	1.2 U	1.3 U	5.4 U
4-Nitroquinoline-1-oxide	**8270C**	20 U	2.8 U	20 U	20 UJ	21 U	2.9 U
5-Nitro-o-toluidine	**8270C**	1.4 U	2.8 U	1.4 U	1.4 U	1.5 U	2.9 U
7,12-Dimethylbenz(a)anthracene	**8270C**	1.6 U	3.8 U	1.5 U	1.6 U	1.6 U	3.9 U
Acenaphthene	**8270C**	0.28 U	2.8 U	0.28 U	0.28 U	0.29 U	2.9 U
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	0.49 U	2.8 U	0.49 U	0.49 U	0.51 U	2.9 U
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	7 U	2.8 U	6.9 U	7 U	7.2 U	2.9 U
Acetophenone	**8270C**	0.24 U	3.8 U	0.24 U	0.24 U	0.25 U	3.9 U
alpha,alpha-Dimethylphenethylamine	**8270C**	20 U	38 U	20 U	20 U	21 U	39 UJ
alpha-Naphthylamine	**8270C**	3.1 U	5.2 U	3.1 U	3.1 U	3.2 U	5.4 UJ
alpha-Picoline	**8270C**	1.2 U	2.4 U	1.2 U	1.2 U	1.2 U	2.5 U
Aniline	**8270C**	2 U	3.3 U	2 U	2 U	2.1 U	3.4 U
Anthracene	**8270C**	0.42 U	2.4 U	0.42 U	0.42 U	0.44 U	2.5 U
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	9.2 U	4.2 U	9.1 U	9.2 U	9.5 U	4.4 U
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	0.35 U	2.4 U	0.35 U	0.35 U	0.36 U	2.5 U
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	0.31 U	2.8 U	0.31 U	0.31 U	0.32 U	2.9 U
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	0.53 U	1.9 U	0.53 U	0.53 U	0.55 U	2 U
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	0.5 U	3.8 U	0.5 U	0.5 U	0.52 U	3.9 U
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	0.46 U	2.4 U	0.46 U	0.46 U	0.48 U	2.5 U
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	0.23 U	3.3 U	0.23 U	0.23 U	0.24 U	3.4 U
beta-Naphthylamine	**8270C**	3.1 U	3.8 U	3.1 U	3.1 U	3.2 U	3.9 U
bis(2-Chloroethoxy)methane	**8270C**	0.97 U	2.8 U	0.96 U	0.97 U	1 U	2.9 U
bis(2-Chloroethyl)ether	**8270C**	0.41 U	2.8 U	0.41 U	0.41 U	0.43 U	2.9 U
bis(2-Chloroisopropyl)ether	**8270C**	0.28 U	2.4 U	0.28 U	0.28 U	0.29 U	2.5 U
bis(2-Ethylhexyl)phthalate	**8270C**	0.96 J	3.8 U	1.1 J	0.56 U	10 U	3.9 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	1 U	3.8 U	0.99 U	1 U	1 U	3.9 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	2.4 U	--	--	--	--
Chrysene	**8270C**	0.54 U	2.4 U	0.54 U	0.54 U	0.56 U	2.5 U
Chrysene	**8270C SIM**	--	--	--	--	--	--
Diallate	**8270C**	--	5.7 U	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	0.51 U	2.8 U	0.51 U	0.51 U	0.53 U	2.9 U
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-060	PZ-060	PZ-060	PZ-060	PZ-060	PZ-060
SampleType:		Primary	Split	Field Duplicate	Primary	Primary	Split
Sample Name:		PZ-060_012811_01	PZ-060_012811_03	PZ-060_012811_36	PZ-060_042711_01	PZ-060_072111_01	PZ-060_072111_03
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Irvine
Collection Date:		1/28/2011	1/28/2011	1/28/2011	4/27/2011	7/21/2011	7/21/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	0.29 U	3.8 U	0.29 U	0.29 U	0.3 U	3.9 U
Diethylphthalate	**8270C**	1.1 J	5 J	1.6 J	10 UJ	0.39 U	3.4 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.21 U	2.4 U	0.21 U	0.21 U	0.22 U	2.5 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.2 U	2.8 U	1.1 U	1.2 U	1.2 U	2.9 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.35 U	3.3 U	0.35 U	0.35 U	0.36 U	3.4 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	1.1 U	2.8 U	1.1 U	1.1 U	1.1 U	2.9 U
Ethylmethanesulfonate	**8270C**	0.95 U	3.8 U	0.93 U	0.94 U	0.98 U	3.9 U
Fluoranthene	**8270C**	0.2 U	2.8 U	0.2 U	0.2 U	0.21 U	2.9 U
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	0.31 U	2.8 U	0.31 U	0.31 U	0.32 U	2.9 U
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	--	--	50 U	--
Formaldehyde	**8315A**	50 U	--	--	11 J	--	--
Hexachlorobenzene	**8270C**	0.66 U	2.8 U	0.65 U	0.66 U	0.68 U	2.9 U
Hexachlorobutadiene	**8270C**	3.3 U	3.8 U	3.3 U	3.3 U	3.4 U	3.9 U
Hexachlorocyclopentadiene	**8270C**	1.5 U	4.7 U	1.5 U	1.5 U	1.6 U	4.9 U
Hexachloroethane	**8270C**	2.1 U	3.3 U	2.1 U	2.1 U	2.2 U	3.4 U
Hexachlorophene	**8321A**	--	--	--	0.49 U	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	2 U	9.4 U	2 U	2 U	2.1 U	9.8 U
Indeno(1,2,3-cd)pyrene	**8270C**	0.65 U	3.3 U	0.64 U	0.65 U	0.67 U	3.4 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	1.8 U	3.3 U	1.8 U	1.8 U	1.8 U	3.4 U
Isophorone	**8270C**	0.21 U	2.8 U	0.21 U	0.21 U	0.22 U	2.9 U
Isosafrole	**8270C**	1 U	5.7 U	0.99 U	1 U	1 U	5.9 U
Kepone	**8270C**	--	33 U	--	--	--	--
m+pCresol	**8270C**	--	5.7 U	--	--	--	5.9 U
m-Cresol	**8270C**	0.25 U	--	0.25 U	0.25 U	0.26 U	--
Methapyrilene	**8270C**	20 U	3.8 U	20 U	20 UJ	21 UJ	3.9 U
Methylmethanesulfonate	**8270C**	1 U	4.7 U	0.99 U	1 UJ	1 UJ	4.9 U
Naphthalene	**8270C**	0.29 U	2.8 U	0.29 U	0.29 U	0.3 U	2.9 U
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.81 U	2.8 U	0.8 U	0.81 U	0.84 U	2.9 U
n-Nitrosodiethylamine	**8270C**	1.7 U	2.8 U	1.7 U	1.7 U	1.8 U	2.9 U
n-Nitrosodimethylamine	**1625M**	0.005 U	--	--	0.005 U	0.0016 J	--
n-Nitrosodimethylamine	**8270C**	0.29 U	2.4 U	0.29 U	0.29 U	0.3 U	2.5 U
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	1.2 U	4.2 U	1.2 U	1.2 U	1.3 U	4.4 U
n-Nitrosodi-n-propylamine	**8270C**	0.35 U	3.3 U	0.35 U	0.42 J	0.36 U	3.4 U
n-Nitrosodiphenylamine	**8270C**	0.44 U	1.9 U	0.44 U	0.44 U	0.46 U	2 U
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	1.8 U	2.4 U	1.7 U	1.8 U	1.8 U	2.5 U
n-Nitrosomorpholine	**8270C**	2 U	3.8 U	2 U	2 U	2.1 U	3.9 U
n-Nitrosopiperidine	**8270C**	2 U	3.8 U	2 U	2 U	2.1 U	3.9 U
n-Nitrosopyrrolidine	**8270C**	0.81 U	3.8 U	0.8 U	0.8 U	0.83 U	3.9 U
o,o,o-Triethylphosphorothioate	**8270C**	2 U	4.2 U	2 U	2 U	2.1 U	4.4 U
o-Cresol	**8270C**	0.98 U	2.8 U	0.97 U	0.98 U	1 U	2.9 U
o-Tolidine	**8270C**	4 U	6.6 U	4 U	4 U	4.1 U	6.9 U
o-Toluidine	**8270C**	1.4 U	2.4 U	1.4 U	1.4 U	1.5 U	2.5 UJ
p-Chloroaniline	**8270C**	2.1 U	1.9 U	2.1 U	2.1 U	2.2 U	2 U
p-Chloro-m-cresol	**8270C**	2.4 U	2.4 U	2.4 U	2.4 U	2.5 U	2.5 U
p-Cresol	**8270C**	0.25 U	--	0.25 U	0.25 U	0.26 U	2.9 U
p-Dimethylaminoazobenzene	**8270C**	2 U	3.8 U	2 U	2 U	2.1 U	3.9 U
Pentachlorobenzene	**8270C**	2 U	2.8 U	2 U	2 U	2.1 U	2.9 U
Pentachloroethane	**8270C**	2 U	1.9 U	2 U	2 U	2.1 U	2 U
Pentachloronitrobenzene	**8270C**	2 U	2.4 U	2 U	2 U	2.1 U	2.5 U
Pentachlorophenol	**8270C**	--	--	--	0.81 U	--	--
Phenacetin	**8270C**	1.1 U	3.3 U	1.1 U	1.1 U	1.1 U	3.4 U
Phenanthrene	**8270C**	0.26 U	3.3 U	0.26 U	0.26 U	0.27 U	3.4 U
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	2 U	1.9 U	2 U	2 U	2.1 U	2 U
p-Nitroaniline	**8270C**	2 U	3.8 U	2 U	2 U	2.1 U	3.9 U
p-Phenylenediamine	**8270C**	5 U	24 U	5 U	5 UJ	5.2 U	25 UJ
Pronamide	**8270C**	2 U	4.7 U	2 U	2 U	2.1 U	4.9 U
Pyrene	**8270C**	0.37 U	3.8 U	0.37 U	0.37 U	0.38 U	3.9 U
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	1.7 U	2.4 U	1.7 U	1.7 U	1.8 U	2.5 U
Safrole	**8270C**	1.1 U	3.8 U	1.1 U	1.1 U	1.2 U	3.9 U
sym-Trinitrobenzene	**8270C**	4 U	2.4 U	4 U	4 U	4.1 U	2.5 U

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-060	PZ-129	PZ-139	PZ-139	PZ-139	PZ-139
SampleType:		Field Duplicate	Primary	Primary	Field Duplicate	Primary	Primary
Sample Name:		PZ-060_072111_36	PZ-129_012611_01	PZ-139_020311_01	PZ-139_020311_36	PZ-139_042611_01	PZ-139_071111_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/21/2011	1/26/2011	2/3/2011	2/3/2011	4/26/2011	7/11/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	1.8 U	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	0.29 U	0.27 U	0.29 U	0.28 U	0.27 U	0.29 U
1,2-Dichlorobenzene	**8270C**	--	0.23 U	0.24 U	0.23 U	0.22 U	0.24 U
1,3-Dichlorobenzene	**8270C**	0.32 U	0.29 U	0.31 U	0.3 U	0.29 U	0.31 U
1,3-Dinitrobenzene	**8270C**	2.1 U	--	--	--	--	--
1,4-Dichlorobenzene	**8270C**	--	0.31 U	0.34 U	0.32 U	0.31 U	0.34 U
1,4-Naphthoquinone	**8270C**	15 UJ	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	0.0054 U	0.0059 U	0.0056 U	0.0054 U	--
2,3,4,6-Tetrachlorophenol	**8270C**	2.1 U	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	0.47 U	0.44 U	0.47 U	0.45 U	0.43 U	0.47 U
2,4,6-Trichlorophenol	**8270C**	0.3 U	0.28 U	0.3 U	0.29 U	0.28 U	0.3 U
2,4-Dichlorophenol	**8270C**	0.67 U	0.63 U	0.67 U	0.64 U	0.61 U	0.67 U
2,4-Dimethylphenol	**8270C**	0.61 U	0.57 U	0.61 U	0.58 U	0.55 U	0.61 U
2,4-Dinitrophenol	**8270C**	11 U	9.8 U	10 U	10 U	9.6 U	10 U
2,4-Dinitrotoluene	**8270C**	1.7 U	1.6 U	1.7 U	1.7 U	1.6 U	1.7 U
2,6-Dichlorophenol	**8270C**	1.4 U	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	2 U	1.9 U	2 U	1.9 U	1.8 U	2 U
2-Chloronaphthalene	**8270C**	0.27 U	0.25 U	0.27 U	0.26 U	0.25 U	0.27 U
2-Chlorophenol	**8270C**	2.1 U	2 U	2.1 U	2 U	1.9 U	2.1 U
2-Methylnaphthalene	**8270C**	0.3 U	0.28 U	0.3 U	0.29 U	0.28 U	0.3 U
2-Methylnaphthalene	**8270C SIM**	--	0.0049 U	0.0062 J	0.0051 U	0.0049 U	--
2-Nitroaniline	**8270C**	1.8 U	1.7 U	1.8 U	1.7 U	1.7 U	1.8 U
2-Nitrophenol	**8270C**	0.41 U	0.38 U	0.41 U	0.39 U	0.37 U	0.41 U
3,3'-Dichlorobenzidine	**8270C**	2.1 U	2 U	2.1 U	2 U	1.9 U	2.1 U
3-Methylcholanthrene	**8270C**	1.8 U	--	--	--	--	--
3-Nitroaniline	**8270C**	2.1 U	2 U	2.1 U	2 U	1.9 U	2.1 U
4,6-Dinitro-o-cresol	**8270C**	4.2 U	3.9 U	4.2 U	4 U	3.8 U	4.2 U
4-Aminobiphenyl	**8270C**	4.7 U	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	0.45 U	0.42 U	0.45 U	0.43 U	0.41 U	0.45 U
4-Chlorophenylphenylether	**8270C**	1.7 U	1.6 U	1.7 U	1.7 U	1.6 U	1.7 U
4-Nitrophenol	**8270C**	1.3 U	1.2 U	1.3 U	1.2 U	1.2 U	1.3 U
4-Nitroquinoline-1-oxide	**8270C**	21 U	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	1.5 U	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	1.6 U	--	--	--	--	--
Acenaphthene	**8270C**	0.29 U	0.27 U	0.29 U	0.28 U	0.27 U	0.29 U
Acenaphthene	**8270C SIM**	--	0.01 U	0.011 U	0.011 U	0.01 U	--
Acenaphthylene	**8270C**	0.52 U	0.48 U	0.51 U	0.49 U	0.47 U	0.51 U
Acenaphthylene	**8270C SIM**	--	0.0095 U	0.01 U	0.0099 U	0.0095 U	--
Acetamidofluorene	**8270C**	7.4 U	--	--	--	--	--
Acetophenone	**8270C**	0.25 U	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	21 U	--	--	--	--	--
alpha-Naphthylamine	**8270C**	3.3 U	--	--	--	--	--
alpha-Picoline	**8270C**	1.3 U	--	--	--	--	--
Aniline	**8270C**	2.1 U	2 U	2.1 U	2 U	1.9 U	2.1 U
Anthracene	**8270C**	0.44 U	0.41 U	0.44 U	0.42 U	0.4 U	0.44 U
Anthracene	**8270C SIM**	--	0.014 U	0.015 U	0.014 U	0.014 U	--
Aramite	**8270C**	9.7 U	--	--	--	--	--
Benzidine	**8270C**	--	49 U	52 U	50 U	48 U	52 U
Benzo(a)anthracene	**8270C**	0.37 U	0.34 U	0.37 U	0.35 U	0.33 U	0.37 U
Benzo(a)anthracene	**8270C SIM**	--	0.0031 U	0.0033 U	0.0032 U	0.0031 U	--
Benzo(a)pyrene	**8270C**	0.33 U	0.3 U	0.32 U	0.31 U	0.3 U	0.32 U
Benzo(a)pyrene	**8270C SIM**	--	0.0049 U	0.0053 U	0.0051 U	0.0049 U	--
Benzo(b)fluoranthene	**8270C**	0.56 U	0.52 U	0.56 U	0.53 U	0.51 U	0.56 U
Benzo(b)fluoranthene	**8270C SIM**	--	0.0033 U	0.0036 U	0.0034 U	0.0033 U	--
Benzo(ghi)perylene	**8270C**	0.53 U	0.49 U	0.52 U	0.5 U	0.48 U	0.52 U
Benzo(ghi)perylene	**8270C SIM**	--	0.0034 U	0.0037 U	0.0035 U	0.0034 U	--
Benzo(k)fluoranthene	**8270C**	0.48 U	0.45 U	0.48 U	0.46 U	0.44 U	0.48 U
Benzo(k)fluoranthene	**8270C SIM**	--	0.0048 U	0.0052 U	0.005 U	0.0048 U	--
Benzoicacid	**8270C**	--	9.8 U	10 U	10 U	9.6 U	10 U
Benzylalcohol	**8270C**	0.24 U	0.23 U	0.24 U	0.23 U	0.22 U	0.24 U
beta-Naphthylamine	**8270C**	3.2 U	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	1 U	0.95 U	1 U	0.97 U	0.93 U	1 U
bis(2-Chloroethyl)ether	**8270C**	0.43 U	0.4 U	0.43 U	0.41 U	0.39 U	0.43 U
bis(2-Chloroisopropyl)ether	**8270C**	0.29 U	0.27 U	0.29 U	0.28 U	0.27 U	0.29 U
bis(2-Ethylhexyl)phthalate	**8270C**	11 U	0.55 U	0.59 U	0.56 U	0.53 U	52 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	0.13 U	10 U	10 U	9.5 U	--
Butylbenzylphthalate	**8270C**	1.1 U	0.98 U	1 U	1 U	0.96 U	1 U
Butylbenzylphthalate	**8270C SIM**	--	9.6 U	10 U	0.013 U	0.013 U	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	0.57 U	0.53 U	0.57 U	0.54 U	0.52 U	0.57 U
Chrysene	**8270C SIM**	--	0.0031 U	0.0033 U	0.0032 U	0.003 U	--
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	0.54 U	0.5 U	0.53 U	0.51 U	0.49 U	0.53 U
Dibenzo(a,h)anthracene	**8270C SIM**	--	0.0046 U	0.005 U	0.0048 U	0.0046 U	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-060	PZ-129	PZ-139	PZ-139	PZ-139	PZ-139
SampleType:		Field Duplicate	Primary	Primary	Field Duplicate	Primary	Primary
Sample Name:		PZ-060_072111_36	PZ-129_012611_01	PZ-139_020311_01	PZ-139_020311_36	PZ-139_042611_01	PZ-139_071111_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/21/2011	1/26/2011	2/3/2011	2/3/2011	4/26/2011	7/11/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	0.3 U	0.28 U	0.3 U	0.29 U	0.28 U	0.3 U
Diethylphthalate	**8270C**	0.4 U	0.62 J	0.4 U	0.38 U	9.6 U	0.4 U
Diethylphthalate	**8270C SIM**	--	9.6 U	10 U	10 U	0.99 J	--
Dimethylphthalate	**8270C**	0.22 U	0.21 U	0.22 U	0.21 U	0.2 U	0.22 U
Dimethylphthalate	**8270C SIM**	--	0.017 U	0.019 U	0.018 U	0.017 U	--
Di-n-butylphthalate	**8270C**	1.2 U	1.1 U	1.2 U	1.2 U	1.1 U	1.2 U
Di-n-butylphthalate	**8270C SIM**	--	9.6 U	10 U	10 U	9.5 U	--
Di-n-octylphthalate	**8270C**	0.37 U	0.34 U	0.37 U	2.2 J	0.33 U	0.37 U
Di-n-octylphthalate	**8270C SIM**	--	9.6 U	10 U	10 U	9.5 U	--
Diphenylamine	**8270C**	1.1 U	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	0.99 U	--	--	--	--	--
Fluoranthene	**8270C**	0.21 U	0.2 U	0.21 U	0.2 U	0.19 U	0.21 U
Fluoranthene	**8270C SIM**	--	0.0043 U	0.0047 U	0.0045 U	0.0043 U	--
Fluorene	**8270C**	0.33 U	0.3 U	0.32 U	0.31 U	0.3 U	0.32 U
Fluorene	**8270C SIM**	--	0.018 U	0.02 U	0.019 U	0.018 U	--
Formaldehyde	**8315**	--	--	--	--	--	50 U
Formaldehyde	**8315A**	--	8.4 U	8.4 U	50 U	8.4 U	--
Hexachlorobenzene	**8270C**	0.69 U	0.65 U	0.69 U	0.66 U	0.63 U	0.69 U
Hexachlorobutadiene	**8270C**	3.5 U	3.2 U	3.5 U	3.3 U	3.2 U	3.5 U
Hexachlorocyclopentadiene	**8270C**	1.6 U	1.5 U	1.6 U	1.5 U	1.5 U	1.6 U
Hexachloroethane	**8270C**	2.2 U	2.1 U	2.2 U	2.1 U	2 U	2.2 U
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	2.1 U	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	0.68 U	0.64 U	0.68 U	0.65 U	0.62 U	0.68 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	0.014 U	0.015 U	0.015 U	0.014 U	--
Isodrin	**8270C**	1.9 U	--	--	--	--	--
Isophorone	**8270C**	0.22 U	0.21 U	0.22 U	0.21 U	0.2 U	0.22 U
Isosafrole	**8270C**	1.1 U	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	0.26 U	--	--	--	--	--
Methapyrilene	**8270C**	21 UJ	--	--	--	--	--
Methylmethanesulfonate	**8270C**	1.1 UJ	--	--	--	--	--
Naphthalene	**8270C**	0.3 U	0.28 U	0.3 U	0.29 U	0.28 U	0.3 U
Naphthalene	**8270C SIM**	--	0.0051 U	10 U	10 U	0.0051 U	--
Nitrobenzene	**8270C**	0.85 U	0.79 U	0.85 U	0.81 U	0.77 U	0.85 U
n-Nitrosodiethylamine	**8270C**	1.8 U	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	0.3 U	0.28 U	0.3 U	0.29 U	0.28 U	0.3 U
n-Nitrosodimethylamine	**8270C SIM**	--	0.12 U	0.13 U	0.13 U	0.12 U	--
n-Nitrosodi-n-butylamine	**8270C**	1.3 U	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	0.37 U	0.34 U	0.37 U	0.35 U	0.33 U	0.37 U
n-Nitrosodiphenylamine	**8270C**	0.46 U	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	0.43 U	0.46 U	0.44 U	0.42 U	0.46 U
n-Nitrosomethylethylamine	**8270C**	1.9 U	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	2.1 U	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	2.1 U	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	0.85 U	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	2.1 U	--	--	--	--	--
o-Cresol	**8270C**	1 U	0.96 U	1 U	0.98 U	0.94 U	1 U
o-Tolidine	**8270C**	4.2 U	--	--	--	--	--
o-Toluidine	**8270C**	1.5 U	--	--	--	--	--
p-Chloroaniline	**8270C**	2.3 U	2.1 U	2.2 U	2.1 U	2 U	2.2 U
p-Chloro-m-cresol	**8270C**	2.5 U	2.4 U	2.5 U	2.4 U	2.3 U	2.5 U
p-Cresol	**8270C**	0.26 U	0.25 U	0.26 U	0.25 U	0.24 U	0.26 U
p-Dimethylaminoazobenzene	**8270C**	2.1 U	--	--	--	--	--
Pentachlorobenzene	**8270C**	2.1 U	--	--	--	--	--
Pentachloroethane	**8270C**	2.1 U	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	2.1 U	--	--	--	--	--
Pentachlorophenol	**8270C**	--	20 U	21 U	20 U	19 U	21 U
Phenacetin	**8270C**	1.1 U	--	--	--	--	--
Phenanthrene	**8270C**	0.27 U	0.25 U	0.27 U	0.26 U	0.25 U	0.27 U
Phenanthrene	**8270C SIM**	--	0.0093 U	0.01 J	0.0097 U	0.0093 U	--
Phenol	**8270C**	2.1 U	2 U	2.1 U	2 U	1.9 U	2.1 U
p-Nitroaniline	**8270C**	2.1 U	2 U	2.1 U	2 U	1.9 U	2.1 U
p-Phenylenediamine	**8270C**	5.3 U	--	--	--	--	--
Pronamide	**8270C**	2.1 U	--	--	--	--	--
Pyrene	**8270C**	0.39 U	0.36 U	0.39 U	0.37 U	0.35 U	0.39 U
Pyrene	**8270C SIM**	--	0.0077 U	0.0084 U	0.008 U	0.0077 U	--
Pyridine	**8270C**	1.8 U	--	--	--	--	--
Safrole	**8270C**	1.2 U	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	4.2 U	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-139	PZ-139	PZ-139	PZ-140	PZ-140	PZ-140
SampleType:		Split	Primary	Split	Primary	Primary	Primary
Sample Name:		PZ-139_071111_03	PZ-139_071211_01	PZ-139_071211_03	PZ-140_012411_01	PZ-140_012511_01	PZ-140_042111_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Irvine	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/11/2011	7/12/2011	7/12/2011	1/24/2011	1/25/2011	4/21/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	2.5 U	--	--	0.27 U	--	0.29 U
1,2-Dichlorobenzene	**8270C**	3 U	--	--	0.22 U	--	0.24 U
1,3-Dichlorobenzene	**8270C**	3 U	--	--	0.29 U	--	0.31 U
1,3-Dinitrobenzene	**8270C**	--	--	--	--	--	--
1,4-Dichlorobenzene	**8270C**	2.5 U	--	--	0.31 U	--	0.33 U
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	0.0059 U	3.6 U	0.0057 UJ	--	0.0058 U
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	3 U	--	--	0.43 U	--	0.47 U
2,4,6-Trichlorophenol	**8270C**	4.5 U	--	--	0.28 U	--	0.3 U
2,4-Dichlorophenol	**8270C**	3.5 U	--	--	0.61 U	--	0.67 U
2,4-Dimethylphenol	**8270C**	3.5 U	--	--	0.55 U	--	0.6 U
2,4-Dinitrophenol	**8270C**	8 U	--	--	9.5 U	--	10 U
2,4-Dinitrotoluene	**8270C**	3.5 U	--	--	1.6 U	--	1.7 U
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	2 U	--	--	1.8 U	--	2 U
2-Chloronaphthalene	**8270C**	3 U	--	--	0.25 U	--	0.27 U
2-Chlorophenol	**8270C**	3 U	--	--	1.9 U	--	2.1 U
2-Methylnaphthalene	**8270C**	2 U	--	--	0.28 U	--	0.3 U
2-Methylnaphthalene	**8270C SIM**	--	0.0053 U	0.1 U	0.0051 UJ	--	0.0053 U
2-Nitroaniline	**8270C**	2 U	--	--	1.6 U	--	1.8 U
2-Nitrophenol	**8270C**	3.5 U	--	--	0.37 U	--	0.41 U
3,3'-Dichlorobenzidine	**8270C**	7.5 U	--	--	1.9 U	--	2.1 U
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--
3-Nitroaniline	**8270C**	3 U	--	--	1.9 U	--	2.1 U
4,6-Dinitro-o-cresol	**8270C**	4 U	--	--	3.8 U	--	4.2 U
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	3 U	--	--	0.41 U	--	0.45 U
4-Chlorophenylphenylether	**8270C**	2.5 U	--	--	1.6 U	--	1.7 U
4-Nitrophenol	**8270C**	5.5 U	--	--	1.2 U	--	1.3 U
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C**	3 U	--	--	0.27 U	--	0.29 U
Acenaphthene	**8270C SIM**	--	0.011 U	0.051 U	0.011 UJ	--	0.011 U
Acenaphthylene	**8270C**	3 U	--	--	0.47 U	--	0.51 U
Acenaphthylene	**8270C SIM**	--	0.01 U	0.051 U	0.0099 UJ	--	0.01 U
Acetamidofluorene	**8270C**	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--
Aniline	**8270C**	3.5 U	--	--	1.9 U	--	2.1 U
Anthracene	**8270C**	2.5 U	--	--	0.4 U	--	0.44 U
Anthracene	**8270C SIM**	--	0.015 U	0.051 U	0.014 UJ	--	0.015 U
Aramite	**8270C**	--	--	--	--	--	--
Benzidine	**8270C**	10 U	--	--	48 U	--	52 U
Benzo(a)anthracene	**8270C**	2.5 U	--	--	0.33 U	--	0.36 U
Benzo(a)anthracene	**8270C SIM**	--	0.0033 U	0.051 U	0.0032 UJ	--	0.0033 U
Benzo(a)pyrene	**8270C**	3 U	--	--	0.3 U	--	0.32 U
Benzo(a)pyrene	**8270C SIM**	--	0.0053 U	0.051 U	0.0051 UJ	--	0.0053 U
Benzo(b)fluoranthene	**8270C**	2 U	--	--	0.51 U	--	0.55 U
Benzo(b)fluoranthene	**8270C SIM**	--	0.0036 U	0.051 U	0.0034 UJ	--	0.0035 U
Benzo(ghi)perylene	**8270C**	4 U	--	--	0.48 U	--	0.52 U
Benzo(ghi)perylene	**8270C SIM**	--	0.0037 U	0.051 U	0.0035 UJ	--	10 U
Benzo(k)fluoranthene	**8270C**	2.5 U	--	--	0.44 U	--	0.48 U
Benzo(k)fluoranthene	**8270C SIM**	--	0.0052 U	0.051 U	0.005 UJ	--	0.0052 U
Benzoicacid	**8270C**	10 U	--	--	9.5 U	--	10 U
Benzylalcohol	**8270C**	3.5 U	--	--	0.22 U	--	0.24 U
beta-Naphthylamine	**8270C**	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	3 U	--	--	0.92 U	--	1 U
bis(2-Chloroethyl)ether	**8270C**	3 U	--	--	0.39 U	--	0.43 U
bis(2-Chloroisopropyl)ether	**8270C**	2.5 U	--	--	0.27 U	--	0.29 U
bis(2-Ethylhexyl)phthalate	**8270C**	4 U	--	--	0.53 U	--	1 J
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	0.14 U	4.1 U	10 UJ	--	10 U
Butylbenzylphthalate	**8270C**	4 U	--	--	0.95 U	--	1 U
Butylbenzylphthalate	**8270C SIM**	--	0.014 U	4.1 U	10 UJ	--	10 U
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	2.5 U	--	--	0.51 U	--	0.56 U
Chrysene	**8270C SIM**	--	0.0033 U	0.051 U	0.0032 UJ	--	0.0033 U
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	3 U	--	--	0.49 U	--	0.53 U
Dibenzo(a,h)anthracene	**8270C SIM**	--	0.005 U	0.051 U	0.0048 UJ	--	10 U

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	PZ-139	PZ-139	PZ-139	PZ-140	PZ-140	PZ-140
	SampleType:	Split	Primary	Split	Primary	Primary	Primary
	Sample Name:	PZ-139_071111_03	PZ-139_071211_01	PZ-139_071211_03	PZ-140_012411_01	PZ-140_012511_01	PZ-140_042111_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Irvine	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/11/2011	7/12/2011	7/12/2011	1/24/2011	1/25/2011	4/21/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	4 U	--	--	0.28 U	--	0.3 U
Diethylphthalate	**8270C**	3.5 U	--	--	0.73 J	--	0.4 U
Diethylphthalate	**8270C SIM**	--	10 U	3.6 U	10 UJ	--	0.095 J
Dimethylphthalate	**8270C**	2.5 U	--	--	0.2 U	--	0.22 U
Dimethylphthalate	**8270C SIM**	--	0.019 U	2.6 U	0.018 UJ	--	0.019 U
Di-n-butylphthalate	**8270C**	3 U	--	--	1.1 U	--	1.2 U
Di-n-butylphthalate	**8270C SIM**	--	10 U	3.1 U	10 UJ	--	10 U
Di-n-octylphthalate	**8270C**	3.5 U	--	--	0.33 U	--	0.36 U
Di-n-octylphthalate	**8270C SIM**	--	10 U	3.6 U	10 UJ	--	0.009 U
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	3 U	--	--	0.19 U	--	0.21 U
Fluoranthene	**8270C SIM**	--	0.0047 U	0.051 U	0.0048 J	--	0.0046 U
Fluorene	**8270C**	3 U	--	--	0.3 U	--	0.32 U
Fluorene	**8270C SIM**	--	0.019 U	0.051 U	0.019 UJ	--	0.019 U
Formaldehyde	**8315**	--	--	--	--	--	--
Formaldehyde	**8315A**	50 U	--	--	--	8.4 U	8.4 U
Hexachlorobenzene	**8270C**	3 U	--	--	0.63 U	--	0.69 U
Hexachlorobutadiene	**8270C**	4 U	--	--	3.1 U	--	3.4 U
Hexachlorocyclopentadiene	**8270C**	5 U	--	--	1.5 U	--	1.6 R
Hexachloroethane	**8270C**	3.5 U	--	--	2 U	--	2.2 U
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	3.5 U	--	--	0.62 U	--	0.68 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	0.015 U	0.051 U	0.015 UJ	--	0.015 U
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	3 U	--	--	0.2 U	--	0.22 U
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	3 U	--	--	0.28 U	--	0.3 U
Naphthalene	**8270C SIM**	--	0.0055 U	0.051 U	10 UJ	--	0.0054 U
Nitrobenzene	**8270C**	3 U	--	--	0.77 U	--	0.84 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	--	--	0.005 U	--	0.005 U
n-Nitrosodimethylamine	**8270C**	2.5 U	--	--	0.28 U	--	0.3 U
n-Nitrosodimethylamine	**8270C SIM**	--	0.13 U	0.1 U	0.13 UJ	--	0.13 U
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	3.5 U	--	--	0.33 U	--	0.36 U
n-Nitrosodiphenylamine	**8270C**	2 U	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	0.42 U	--	0.46 U
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	3 U	--	--	0.93 U	--	1 U
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	2 U	--	--	2 U	--	2.2 U
p-Chloro-m-cresol	**8270C**	2.5 U	--	--	2.3 U	--	2.5 U
p-Cresol	**8270C**	3 U	--	--	0.24 U	--	0.26 U
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	3.5 U	--	--	19 U	--	21 U
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	3.5 U	--	--	0.25 U	--	0.27 U
Phenanthrene	**8270C SIM**	--	0.01 U	0.051 U	0.0097 UJ	--	0.01 U
Phenol	**8270C**	2 U	--	--	1.9 U	--	2.1 U
p-Nitroaniline	**8270C**	4 U	--	--	1.9 U	--	2.1 U
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	4 U	--	--	0.35 U	--	0.39 U
Pyrene	**8270C SIM**	--	0.0084 U	0.051 U	0.0081 UJ	--	0.0083 U
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	PZ-140	PZ-140	PZ-140	PZ-141	PZ-141	PZ-141
	SampleType:	Split	Primary	Field Duplicate	Primary	Split	Primary
	Sample Name:	PZ-140_042111_03	PZ-140_080911_01A	PZ-140_080911_36A	PZ-141_020311_01	PZ-141_020311_03	PZ-141_041211_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver
	Collection Date:	4/21/2011	8/9/2011	8/9/2011	2/3/2011	2/3/2011	4/12/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	2.4 U	0.28 U	0.28 U	0.27 U	2.4 U	0.28 U
1,2-Dichlorobenzene	**8270C**	2.8 U	0.23 U	0.23 U	0.22 U	--	0.23 U
1,3-Dichlorobenzene	**8270C**	2.8 U	0.3 U	0.3 U	0.29 U	--	0.3 U
1,3-Dinitrobenzene	**8270C**	--	--	--	--	3.4 U	--
1,4-Dichlorobenzene	**8270C**	2.4 U	0.32 U	0.32 U	0.31 U	--	0.32 U
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	3.3 U	0.0055 U	0.0054 UJ	0.0056 U	--	0.0056 U
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	2.8 U	0.46 U	0.45 U	0.43 U	--	0.45 U
2,4,6-Trichlorophenol	**8270C**	4.2 U	0.29 U	0.29 U	0.28 U	4.4 U	0.29 U
2,4-Dichlorophenol	**8270C**	3.3 U	0.65 U	0.65 U	0.61 U	3.4 U	0.64 U
2,4-Dimethylphenol	**8270C**	3.3 U	0.59 U	0.59 U	0.56 U	3.4 U	0.58 U
2,4-Dinitrophenol	**8270C**	7.5 U	10 U	10 U	9.6 U	7.8 U	10 U
2,4-Dinitrotoluene	**8270C**	3.3 U	1.7 U	1.7 U	1.6 U	3.4 U	1.7 U
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	1.9 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
2-Chloronaphthalene	**8270C**	2.8 U	0.26 U	0.26 U	0.25 U	2.9 U	0.26 U
2-Chlorophenol	**8270C**	2.8 U	2 U	2 U	1.9 U	2.9 UJ	2 U
2-Methylnaphthalene	**8270C**	1.9 U	0.29 U	0.29 U	0.28 U	--	0.29 U
2-Methylnaphthalene	**8270C SIM**	0.094 U	0.005 U	0.0054 J	0.0051 J	--	0.0051 U
2-Nitroaniline	**8270C**	1.9 U	1.8 U	1.7 U	1.7 U	--	1.7 U
2-Nitrophenol	**8270C**	3.3 U	0.4 U	0.39 U	0.37 U	3.4 UJ	0.39 U
3,3'-Dichlorobenzidine	**8270C**	7.1 U	2 U	2 U	1.9 U	7.3 U	2 U
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--
3-Nitroaniline	**8270C**	2.8 U	2 U	2 U	1.9 U	--	2 UJ
4,6-Dinitro-o-cresol	**8270C**	3.8 U	4.1 U	4 U	3.8 U	3.9 U	4 U
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	2.8 U	0.44 U	0.43 U	0.41 U	2.9 U	0.43 U
4-Chlorophenylphenylether	**8270C**	2.4 U	1.7 U	1.7 U	1.6 U	2.4 U	1.7 U
4-Nitrophenol	**8270C**	5.2 U	1.2 U	1.2 U	1.2 U	5.3 U	1.2 U
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C**	2.8 U	0.28 U	0.28 U	0.27 U	2.9 U	0.28 U
Acenaphthene	**8270C SIM**	0.047 U	0.011 U	0.01 UJ	0.011 U	0.047 U	0.011 U
Acenaphthylene	**8270C**	2.8 U	0.5 U	0.49 U	0.47 U	2.9 U	0.49 U
Acenaphthylene	**8270C SIM**	0.047 U	0.0098 U	0.0095 UJ	0.0098 U	0.047 U	0.0099 U
Acetamidofluorene	**8270C**	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--
Aniline	**8270C**	3.3 U	2 U	2 U	1.9 U	--	2 U
Anthracene	**8270C**	2.4 U	0.43 U	0.42 U	0.4 U	2.4 U	0.42 U
Anthracene	**8270C SIM**	0.047 U	0.014 U	0.014 UJ	0.014 U	0.047 U	0.014 U
Aramite	**8270C**	--	--	--	--	--	--
Benzidine	**8270C**	9.4 U	51 U	50 U	48 U	9.7 R	50 U
Benzo(a)anthracene	**8270C**	2.4 U	0.36 U	0.35 U	0.34 U	2.4 U	0.35 U
Benzo(a)anthracene	**8270C SIM**	0.047 U	0.0031 U	0.0031 UJ	0.0032 U	0.047 U	9.9 U
Benzo(a)pyrene	**8270C**	2.8 U	0.31 U	0.31 U	0.3 U	2.9 U	0.31 U
Benzo(a)pyrene	**8270C SIM**	0.047 U	0.005 U	0.0049 UJ	0.005 U	0.047 U	0.0051 U
Benzo(b)fluoranthene	**8270C**	1.9 U	0.54 U	0.54 U	0.51 U	1.9 U	0.53 U
Benzo(b)fluoranthene	**8270C SIM**	0.047 U	0.0034 U	0.0033 UJ	0.0034 U	0.047 U	0.0034 U
Benzo(ghi)perylene	**8270C**	3.8 U	0.51 U	0.5 U	0.48 U	3.9 U	0.5 U
Benzo(ghi)perylene	**8270C SIM**	0.047 U	0.0035 U	0.0034 UJ	0.0035 U	0.047 U	0.0035 U
Benzo(k)fluoranthene	**8270C**	2.4 U	0.47 U	0.46 U	0.44 U	2.4 UJ	0.46 U
Benzo(k)fluoranthene	**8270C SIM**	0.047 U	0.0049 U	0.0048 UJ	0.005 U	0.047 U	0.005 U
Benzoicacid	**8270C**	9.4 U	10 U	10 U	9.6 U	--	10 U
Benzylalcohol	**8270C**	3.3 U	0.23 U	0.23 U	0.22 U	--	0.23 U
beta-Naphthylamine	**8270C**	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	2.8 U	0.98 U	0.98 U	0.93 U	2.9 U	0.97 U
bis(2-Chloroethyl)ether	**8270C**	2.8 U	0.42 U	0.41 U	0.39 U	2.9 U	0.41 U
bis(2-Chloroisopropyl)ether	**8270C**	2.4 U	0.28 U	0.28 U	0.27 U	2.4 UJ	0.28 U
bis(2-Ethylhexyl)phthalate	**8270C**	3.8 U	51 U	50 U	0.54 U	3.9 U	0.56 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	3.8 U	9.8 U	9.5 UJ	9.8 U	--	9.9 U
Butylbenzylphthalate	**8270C**	3.8 U	1 U	1 U	0.96 U	3.9 UJ	1 U
Butylbenzylphthalate	**8270C SIM**	3.8 U	0.043 J	0.034 J	9.8 U	--	0.013 U
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	2.4 U	0.55 U	0.54 U	0.52 U	2.4 U	0.54 U
Chrysene	**8270C SIM**	0.047 U	0.0031 U	0.003 UJ	0.0031 U	0.047 U	9.9 U
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	2.8 U	0.52 U	0.51 U	0.49 U	2.9 U	0.51 U
Dibenzo(a,h)anthracene	**8270C SIM**	0.047 U	0.0047 U	0.0046 UJ	0.0047 U	0.047 U	0.0048 U

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-140	PZ-140	PZ-140	PZ-141	PZ-141	PZ-141
SampleType:		Split	Primary	Field Duplicate	Primary	Split	Primary
Sample Name:		PZ-140_042111_03	PZ-140_080911_01A	PZ-140_080911_36A	PZ-141_020311_01	PZ-141_020311_03	PZ-141_041211_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver
Collection Date:		4/21/2011	8/9/2011	8/9/2011	2/3/2011	2/3/2011	4/12/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	3.8 U	0.29 U	0.29 U	0.28 U	--	0.29 U
Diethylphthalate	**8270C**	3.3 U	1.3 J	0.71 J	0.36 U	3.4 U	0.38 U
Diethylphthalate	**8270C SIM**	3.3 U	1.4 J	0.71 J	9.8 U	--	9.9 U
Dimethylphthalate	**8270C**	2.4 U	0.21 U	0.21 U	0.2 U	2.4 U	0.21 U
Dimethylphthalate	**8270C SIM**	2.4 U	0.018 U	0.017 UJ	0.018 U	--	0.018 U
Di-n-butylphthalate	**8270C**	2.8 U	1.2 U	1.2 U	1.1 U	2.9 U	1.2 U
Di-n-butylphthalate	**8270C SIM**	2.8 U	9.8 U	9.5 UJ	9.8 U	--	9.9 U
Di-n-octylphthalate	**8270C**	3.3 U	0.36 U	0.35 U	2.2 J	3.4 UJ	0.35 U
Di-n-octylphthalate	**8270C SIM**	3.3 U	9.8 U	9.5 UJ	9.8 U	--	9.9 U
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	2.8 U	0.2 U	0.2 U	0.19 U	2.9 U	0.2 U
Fluoranthene	**8270C SIM**	0.047 U	0.0044 U	0.0043 UJ	0.0044 U	0.047 U	0.0054 J
Fluorene	**8270C**	2.8 U	0.31 U	0.31 U	0.3 U	2.9 U	0.31 U
Fluorene	**8270C SIM**	0.047 U	0.018 U	0.018 UJ	0.018 U	0.047 U	0.019 U
Formaldehyde	**8315**	--	50 U	50 U	--	--	--
Formaldehyde	**8315A**	10 UJ	--	--	50 U	25 U	8.4 U
Hexachlorobenzene	**8270C**	2.8 U	0.67 U	0.67 U	0.63 U	2.9 U	0.66 U
Hexachlorobutadiene	**8270C**	3.8 U	3.3 U	3.3 U	3.2 U	3.9 U	3.3 U
Hexachlorocyclopentadiene	**8270C**	4.7 U	1.6 U	1.5 U	1.5 U	--	1.5 U
Hexachloroethane	**8270C**	3.3 U	2.1 U	2.1 U	2 U	3.4 U	2.1 U
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	3.3 U	0.66 U	0.66 U	0.62 U	3.4 U	0.65 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	0.047 U	0.014 U	0.014 UJ	0.014 U	0.047 U	0.015 U
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	2.8 U	0.21 U	0.21 U	0.2 U	2.9 UJ	0.21 U
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	2.8 U	0.29 U	0.29 U	0.28 U	2.9 U	0.29 U
Naphthalene	**8270C SIM**	0.047 U	0.0069 J	0.0051 UJ	9.8 U	0.047 U	0.0053 U
Nitrobenzene	**8270C**	2.8 U	0.82 U	0.82 U	0.78 U	2.9 U	0.81 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.00079 U	0.005 U	0.005 U	0.005 U	0.00078 U	0.005 U
n-Nitrosodimethylamine	**8270C**	2.4 U	0.29 U	0.29 U	0.28 U	--	0.29 U
n-Nitrosodimethylamine	**8270C SIM**	0.094 U	0.13 U	0.12 UJ	0.13 U	--	0.13 U
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	3.3 U	0.36 U	0.35 U	0.34 U	3.4 UJ	0.35 U
n-Nitrosodiphenylamine	**8270C**	1.9 U	--	--	--	1.9 U	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	0.45 U	0.44 U	0.42 U	--	0.44 U
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	2.8 U	0.99 U	0.99 U	0.94 U	--	0.98 U
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	1.9 U	2.2 U	2.2 U	2 U	--	2.1 U
p-Chloro-m-cresol	**8270C**	2.4 U	2.4 U	2.4 U	2.3 U	2.4 U	2.4 U
p-Cresol	**8270C**	2.8 U	0.25 U	0.25 U	0.24 U	--	0.25 U
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	3.3 U	20 U	20 U	19 U	3.4 UJ	20 U
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	3.3 U	0.26 U	0.26 U	0.25 U	3.4 U	0.26 U
Phenanthrene	**8270C SIM**	0.047 U	0.0095 U	0.0093 UJ	0.0096 U	0.047 U	0.0097 U
Phenol	**8270C**	1.9 U	2 U	2 U	1.9 U	1.9 UJ	2 U
p-Nitroaniline	**8270C**	3.8 U	2 U	2 U	1.9 U	--	2 UJ
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	3.8 U	0.38 U	0.37 U	0.35 U	--	0.37 U
Pyrene	**8270C SIM**	0.047 U	0.0079 U	0.0077 UJ	0.0079 U	0.047 U	0.008 U
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-141	PZ-144	PZ-144	PZ-144	PZ-144	PZ-146
SampleType:		Primary	Primary	Primary	Field Duplicate	Primary	Primary
Sample Name:		PZ-141_080111_01A	PZ-144_020111_01	PZ-144_041311_01	PZ-144_041311_36	PZ-144_080111_01	PZ-146_042911_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/1/2011	2/1/2011	4/13/2011	4/13/2011	8/1/2011	4/29/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	0.27 U	0.28 U	0.28 U	0.29 U	0.29 U	0.28 U
1,2-Dichlorobenzene	**8270C**	0.22 U	0.23 U	0.23 U	0.24 U	0.23 U	0.23 U
1,3-Dichlorobenzene	**8270C**	0.28 U	0.3 U	0.29 U	0.31 U	0.31 U	0.3 U
1,3-Dinitrobenzene	**8270C**	--	--	--	--	--	--
1,4-Dichlorobenzene	**8270C**	0.3 U	0.32 U	0.31 U	0.33 U	0.33 U	0.32 U
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	0.0055 U	0.0057 U	0.0056 U	0.0063 U	0.0058 U	0.0056 U
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	0.43 U	0.45 U	0.44 U	0.47 U	0.46 U	0.44 U
2,4,6-Trichlorophenol	**8270C**	0.27 U	0.29 U	0.28 U	0.3 U	0.3 U	0.29 U
2,4-Dichlorophenol	**8270C**	0.61 U	0.64 U	0.63 U	0.67 U	0.65 U	0.63 U
2,4-Dimethylphenol	**8270C**	0.55 U	0.58 U	0.57 U	0.6 U	0.59 U	0.57 U
2,4-Dinitrophenol	**8270C**	9.5 U	10 U	9.8 U	10 U	10 U	9.8 U
2,4-Dinitrotoluene	**8270C**	1.6 U	1.7 U	1.6 U	1.7 U	1.7 U	1.6 U
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	1.8 U	1.9 U	1.9 U	2 U	1.9 U	1.9 U
2-Chloronaphthalene	**8270C**	0.25 U	0.26 U	0.26 U	0.27 U	0.27 U	0.26 U
2-Chlorophenol	**8270C**	1.9 U	2 U	2 U	2.1 U	2 U	2 U
2-Methylnaphthalene	**8270C**	0.27 U	0.29 U	0.28 U	0.3 U	0.3 U	0.29 U
2-Methylnaphthalene	**8270C SIM**	0.005 U	0.0054 J	0.0051 U	0.0057 U	0.0053 U	0.0051 U
2-Nitroaniline	**8270C**	1.6 U	1.7 U	1.7 U	1.8 U	1.8 U	1.7 U
2-Nitrophenol	**8270C**	0.37 U	0.39 U	0.38 U	0.41 U	0.4 U	0.38 U
3,3'-Dichlorobenzidine	**8270C**	1.9 U	2 U	2 U	2.1 U	2 U	2 U
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--
3-Nitroaniline	**8270C**	1.9 U	2 U	2 U	2.1 U	2 U	2 U
4,6-Dinitro-o-cresol	**8270C**	3.8 U	4 U	3.9 U	4.2 U	4.1 U	3.9 U
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	0.41 U	0.43 U	0.42 U	0.45 U	0.44 U	0.42 U
4-Chlorophenylphenylether	**8270C**	1.6 U	1.7 U	1.6 U	1.7 U	1.7 U	1.6 U
4-Nitrophenol	**8270C**	1.2 U	1.2 U	1.2 U	1.3 U	1.3 U	1.2 U
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C**	0.27 U	0.28 U	0.28 U	0.29 U	0.29 U	0.28 U
Acenaphthene	**8270C SIM**	0.01 U	0.011 U	0.011 U	0.012 U	0.011 U	0.011 U
Acenaphthylene	**8270C**	0.46 U	0.49 U	0.48 U	0.51 U	0.5 U	0.48 U
Acenaphthylene	**8270C SIM**	0.0097 U	0.0099 U	0.0098 U	0.011 U	0.01 U	0.0098 U
Acetamidofluorene	**8270C**	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--
Aniline	**8270C**	1.9 U	2 U	2 U	2.1 U	2 U	2 U
Anthracene	**8270C**	0.4 U	0.42 U	0.41 U	0.44 U	0.43 U	0.41 U
Anthracene	**8270C SIM**	0.014 U	0.014 U	0.014 U	0.016 U	0.015 U	0.014 U
Aramite	**8270C**	--	--	--	--	--	--
Benzidine	**8270C**	47 U	50 U	49 U	52 U	51 U	49 U
Benzo(a)anthracene	**8270C**	0.33 U	0.35 U	0.34 U	0.37 U	0.36 U	0.34 U
Benzo(a)anthracene	**8270C SIM**	0.0031 U	0.0032 U	0.0032 U	0.0036 U	0.0059 J	0.0032 U
Benzo(a)pyrene	**8270C**	0.29 U	0.31 U	0.3 U	0.32 U	0.32 U	0.31 U
Benzo(a)pyrene	**8270C SIM**	0.005 U	0.0051 U	0.0051 U	0.0057 U	0.0053 U	0.0051 U
Benzo(b)fluoranthene	**8270C**	0.5 U	0.53 U	0.52 U	0.55 U	0.54 U	0.52 U
Benzo(b)fluoranthene	**8270C SIM**	0.0033 U	0.0034 U	0.0034 U	0.0038 U	0.0035 U	0.0034 U
Benzo(ghi)perylene	**8270C**	0.47 U	0.5 U	0.49 U	0.52 U	0.51 U	0.49 U
Benzo(ghi)perylene	**8270C SIM**	0.0034 U	0.0035 U	0.0035 U	0.0039 U	0.0036 U	0.0035 U
Benzo(k)fluoranthene	**8270C**	0.44 U	0.46 U	0.45 U	0.48 U	0.47 U	0.45 U
Benzo(k)fluoranthene	**8270C SIM**	0.0049 U	0.005 U	0.005 U	0.0056 U	0.0052 U	0.005 U
Benzoicacid	**8270C**	9.5 U	10 U	9.8 U	10 U	10 U	9.8 U
Benzylalcohol	**8270C**	0.22 U	0.23 U	0.23 U	0.24 U	0.23 U	0.23 U
beta-Naphthylamine	**8270C**	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	0.92 U	0.97 U	0.95 U	1 U	0.99 U	0.96 U
bis(2-Chloroethyl)ether	**8270C**	0.39 U	0.41 U	0.4 U	0.43 U	0.42 U	0.4 U
bis(2-Chloroisopropyl)ether	**8270C**	0.27 U	0.28 U	0.28 U	0.29 U	0.29 U	0.28 U
bis(2-Ethylhexyl)phthalate	**8270C**	47 U	0.56 U	0.55 U	52 U	51 U	0.98 J
bis(2-Ethylhexyl)phthalate	**8270C SIM**	0.13 U	10 U	0.17 J	0.44 J	0.13 U	9.9 U
Butylbenzylphthalate	**8270C**	0.95 U	1 U	0.98 U	1 U	1 U	0.98 U
Butylbenzylphthalate	**8270C SIM**	0.054 J	10 UJ	0.013 U	0.015 U	0.099 J	0.013 U
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	0.51 U	0.54 U	0.53 U	0.56 U	0.55 U	0.53 U
Chrysene	**8270C SIM**	0.0031 U	0.0032 U	0.0036 J	0.0035 U	0.0062 J	0.0032 U
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	0.48 U	0.51 U	0.5 U	0.53 U	0.52 U	0.5 U
Dibenzo(a,h)anthracene	**8270C SIM**	0.0047 U	0.0048 U	0.0048 U	0.0054 U	0.005 U	0.0048 U

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	PZ-141	PZ-144	PZ-144	PZ-144	PZ-144	PZ-146
	SampleType:	Primary	Primary	Primary	Field Duplicate	Primary	Primary
	Sample Name:	PZ-141_080111_01A	PZ-144_020111_01	PZ-144_041311_01	PZ-144_041311_36	PZ-144_080111_01	PZ-146_042911_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	8/1/2011	2/1/2011	4/13/2011	4/13/2011	8/1/2011	4/29/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	0.27 U	0.29 U	0.28 U	0.3 U	0.3 U	0.29 U
Diethylphthalate	**8270C**	2.8 J	0.42 J	0.37 U	0.4 U	0.39 U	9.8 U
Diethylphthalate	**8270C SIM**	3 J	10 U	0.47 J	0.13 J	0.18 J	0.58 J
Dimethylphthalate	**8270C**	0.2 U	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U
Dimethylphthalate	**8270C SIM**	0.018 U	0.018 U	0.018 U	0.02 U	0.019 U	0.018 U
Di-n-butylphthalate	**8270C**	1.1 U	1.2 U	1.1 U	1.2 U	1.2 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	9.7 U	10 U	9.9 U	11 U	10 U	9.9 U
Di-n-octylphthalate	**8270C**	0.33 U	0.35 U	0.34 U	0.37 U	2.4 J	0.34 U
Di-n-octylphthalate	**8270C SIM**	0.0086 U	10 UJ	9.9 U	11 U	10 U	9.9 U
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	0.19 U	0.2 U	0.2 U	0.21 U	0.2 U	0.2 U
Fluoranthene	**8270C SIM**	0.0044 U	0.0045 U	0.0045 U	0.005 U	0.0047 U	0.015 J
Fluorene	**8270C**	0.29 U	0.31 U	0.3 U	0.32 U	0.32 U	0.31 U
Fluorene	**8270C SIM**	0.018 U	0.019 U	0.019 U	0.021 U	0.019 U	0.019 U
Formaldehyde	**8315**	50 U	--	--	--	50 U	--
Formaldehyde	**8315A**	--	8.4 U	8.4 U	8.4 U	--	9.2 J
Hexachlorobenzene	**8270C**	0.63 U	0.66 U	0.65 U	0.69 U	0.67 U	0.65 U
Hexachlorobutadiene	**8270C**	3.1 U	3.3 U	3.2 U	3.4 U	3.4 U	3.2 U
Hexachlorocyclopentadiene	**8270C**	1.4 R	1.5 U	1.5 U	1.6 U	1.6 R	1.5 U
Hexachloroethane	**8270C**	2 U	2.1 U	2.1 U	2.2 U	2.1 U	2.1 U
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	0.62 U	0.65 U	0.64 U	0.68 U	0.66 U	0.64 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	0.014 U	0.015 U	0.014 U	0.016 U	0.015 U	0.015 U
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	0.2 U	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	0.27 U	0.29 U	0.28 U	0.3 U	0.3 U	0.29 U
Naphthalene	**8270C SIM**	0.0054 J	10 U	0.0053 U	0.0059 U	0.0075 J	0.0063 J
Nitrobenzene	**8270C**	0.77 U	0.81 U	0.8 U	0.84 U	0.83 U	0.8 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0065 J
n-Nitrosodimethylamine	**8270C**	0.27 U	0.29 U	0.28 U	0.3 U	0.3 U	0.29 U
n-Nitrosodimethylamine	**8270C SIM**	0.13 U	0.13 U	0.13 U	0.14 U	0.13 U	0.13 U
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	0.33 U	0.35 U	0.34 U	0.37 U	0.36 U	0.34 U
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	0.42 U	0.44 U	0.43 U	0.46 U	0.45 U	0.43 U
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	0.93 U	0.98 U	0.96 U	1 U	1 U	0.96 U
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	2 U	2.1 U	2.1 U	2.2 U	2.2 U	2.1 U
p-Chloro-m-cresol	**8270C**	2.3 U	2.4 U	2.4 U	2.5 U	2.5 U	2.4 U
p-Cresol	**8270C**	0.24 U	0.25 U	0.25 U	0.26 U	0.25 U	0.25 U
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	19 U	20 U	20 U	21 U	20 U	20 U
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	0.25 U	0.26 U	0.26 U	0.27 U	0.27 U	0.26 U
Phenanthrene	**8270C SIM**	0.0095 U	0.0097 U	0.0096 U	0.011 U	0.01 U	0.0096 U
Phenol	**8270C**	1.9 U	2 U	2 U	2.1 U	2 U	2.7 J
p-Nitroaniline	**8270C**	1.9 U	2 U	2 U	2.1 U	2 U	2 U
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	0.35 U	0.37 U	0.36 U	0.39 U	0.38 U	0.36 U
Pyrene	**8270C SIM**	0.0078 U	0.0081 U	0.008 U	0.009 U	0.0083 U	0.008 U
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-146	PZ-146	PZ-147	PZ-147	PZ-148	PZ-149
SampleType:		Field Duplicate	Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-146_042911_36	PZ-146_080311_01	PZ-147_042811_01	PZ-147_080911_01	PZ-148_042811_01	PZ-149_012711_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/29/2011	8/3/2011	4/28/2011	8/9/2011	4/28/2011	1/27/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8270C	--	0.32 U	0.28 U	0.27 U	0.27 U	--
1,2-Dichlorobenzene	8270C	--	0.26 U	0.23 U	0.22 U	0.22 U	--
1,3-Dichlorobenzene	8270C	--	0.34 U	0.3 U	0.28 U	0.29 U	--
1,3-Dinitrobenzene	8270C	--	--	--	--	--	--
1,4-Dichlorobenzene	8270C	--	0.36 U	0.32 U	0.3 U	0.31 U	--
1,4-Naphthoquinone	8270C	--	--	--	--	--	--
1-Methylnaphthalene	8270C SIM	--	0.0065 U	0.0056 U	0.0056 UJ	0.0055 J	0.0064 J
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	--	--
2,4,5-Trichlorophenol	8270C	--	0.51 U	0.45 U	0.43 U	0.44 U	--
2,4,6-Trichlorophenol	8270C	--	0.33 U	0.29 U	0.28 U	0.28 U	--
2,4-Dichlorophenol	8270C	--	0.73 U	0.63 U	0.61 U	0.62 U	--
2,4-Dimethylphenol	8270C	--	0.66 U	0.58 U	0.55 U	0.57 U	--
2,4-Dinitrophenol	8270C	--	11 U	9.9 U	9.5 U	9.8 U	--
2,4-Dinitrotoluene	8270C	--	1.9 U	1.6 U	1.6 U	1.6 U	--
2,6-Dichlorophenol	8270C	--	--	--	--	--	--
2,6-Dinitrotoluene	8270C	--	2.1 U	1.9 U	1.8 U	1.8 U	--
2-Chloronaphthalene	8270C	--	0.3 U	0.26 U	0.25 U	0.25 U	--
2-Chlorophenol	8270C	--	2.3 U	2 U	1.9 U	2 U	--
2-Methylnaphthalene	8270C	--	0.33 U	0.29 U	0.28 U	0.28 U	--
2-Methylnaphthalene	8270C SIM	--	0.0059 U	0.0051 U	0.0053 J	0.0084 J	10 U
2-Nitroaniline	8270C	--	2 U	1.7 U	1.6 U	1.7 U	--
2-Nitrophenol	8270C	--	0.44 U	0.39 U	0.37 U	0.38 U	--
3,3'-Dichlorobenzidine	8270C	--	2.3 U	2 U	1.9 U	2 U	--
3-Methylcholanthrene	8270C	--	--	--	--	--	--
3-Nitroaniline	8270C	--	2.3 U	2 U	1.9 U	2 U	--
4,6-Dinitro-o-cresol	8270C	--	4.5 U	4 U	3.8 U	3.9 U	--
4-Aminobiphenyl	8270C	--	--	--	--	--	--
4-Bromophenylphenylether	8270C	--	0.49 U	0.43 U	0.41 U	0.42 U	--
4-Chlorophenylphenylether	8270C	--	1.9 U	1.6 U	1.6 U	1.6 U	--
4-Nitrophenol	8270C	--	1.4 U	1.2 U	1.2 U	1.2 U	--
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	--	--
5-Nitro-o-toluidine	8270C	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	--	--
Acenaphthene	8270C	--	0.32 U	0.28 U	0.27 U	0.27 U	--
Acenaphthene	8270C SIM	--	0.012 U	0.011 U	0.011 UJ	0.01 U	0.011 U
Acenaphthylene	8270C	--	0.56 U	0.49 U	0.46 U	0.48 U	--
Acenaphthylene	8270C SIM	--	0.011 U	0.0099 U	0.0099 UJ	0.0097 U	0.01 U
Acetamidofluorene	8270C	--	--	--	--	--	--
Acetophenone	8270C	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	--	--
alpha-Naphthylamine	8270C	--	--	--	--	--	--
alpha-Picoline	8270C	--	--	--	--	--	--
Aniline	8270C	--	2.3 U	2 U	1.9 U	2 U	--
Anthracene	8270C	--	0.48 U	0.42 U	0.4 U	0.41 U	--
Anthracene	8270C SIM	--	0.016 U	0.014 U	0.014 UJ	0.014 U	0.014 U
Aramite	8270C	--	--	--	--	--	--
Benzidine	8270C	--	57 U	50 U	47 U	49 U	--
Benzo(a)anthracene	8270C	--	0.4 U	0.35 U	0.33 U	0.34 U	--
Benzo(a)anthracene	8270C SIM	--	0.0037 U	0.0032 U	0.0032 UJ	0.0031 U	0.0032 U
Benzo(a)pyrene	8270C	--	0.35 U	0.31 U	0.29 U	0.3 U	--
Benzo(a)pyrene	8270C SIM	--	0.0059 U	0.0051 U	0.0051 UJ	0.005 U	0.0052 U
Benzo(b)fluoranthene	8270C	--	0.6 U	0.53 U	0.5 U	0.52 U	--
Benzo(b)fluoranthene	8270C SIM	--	0.0039 U	0.0034 U	0.0034 UJ	0.0033 U	0.0034 U
Benzo(ghi)perylene	8270C	--	0.57 U	0.5 U	0.47 U	0.49 U	--
Benzo(ghi)perylene	8270C SIM	--	0.0041 U	0.0035 U	0.0035 UJ	0.0035 U	0.0036 U
Benzo(k)fluoranthene	8270C	--	0.52 U	0.46 U	0.44 U	0.45 U	--
Benzo(k)fluoranthene	8270C SIM	--	0.0058 U	0.005 U	0.005 UJ	0.0049 U	0.0051 U
Benzoicacid	8270C	--	170	9.9 U	9.5 U	9.8 U	--
Benzylalcohol	8270C	--	0.26 U	0.23 U	0.22 U	0.22 U	--
beta-Naphthylamine	8270C	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	8270C	--	1.1 U	0.96 U	0.92 U	0.95 U	--
bis(2-Chloroethyl)ether	8270C	--	0.47 U	0.41 U	0.39 U	0.4 U	--
bis(2-Chloroisopropyl)ether	8270C	--	0.32 U	0.28 U	0.27 U	0.27 U	--
bis(2-Ethylhexyl)phthalate	8270C	--	0.64 U	0.56 U	47 U	0.55 U	--
bis(2-Ethylhexyl)phthalate	8270C SIM	--	11 U	9.9 U	10 UJ	9.7 U	10 U
Butylbenzylphthalate	8270C	--	1.1 U	0.99 U	0.95 U	0.98 U	--
Butylbenzylphthalate	8270C SIM	--	0.015 U	9.9 U	0.032 J	9.7 U	10 UJ
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	0.61 U	0.54 U	0.51 U	0.53 U	--
Chrysene	8270C SIM	--	0.0037 U	0.0032 U	0.0032 UJ	0.0031 U	0.0032 U
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	0.58 U	0.51 U	0.48 U	0.5 U	--
Dibenzo(a,h)anthracene	8270C SIM	--	0.0055 U	0.0048 U	0.0048 UJ	0.0047 U	0.0048 U

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-146	PZ-146	PZ-147	PZ-147	PZ-148	PZ-149
SampleType:		Field Duplicate	Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-146_042911_36	PZ-146_080311_01	PZ-147_042811_01	PZ-147_080911_01	PZ-148_042811_01	PZ-149_012711_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/29/2011	8/3/2011	4/28/2011	8/9/2011	4/28/2011	1/27/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	0.33 U	0.29 U	0.28 U	0.28 U	--
Diethylphthalate	**8270C**	--	0.43 U	9.9 U	0.36 U	9.8 U	--
Diethylphthalate	**8270C SIM**	--	0.15 J	9.9 U	10 UJ	9.7 U	7.8 J
Dimethylphthalate	**8270C**	--	0.24 U	0.21 U	0.2 U	0.2 U	--
Dimethylphthalate	**8270C SIM**	--	0.021 U	0.018 U	0.018 UJ	0.018 U	0.018 U
Di-n-butylphthalate	**8270C**	--	1.3 U	1.2 U	1.1 U	1.1 U	--
Di-n-butylphthalate	**8270C SIM**	--	0.013 U	9.9 U	10 UJ	9.7 U	3.5 J
Di-n-octylphthalate	**8270C**	--	0.4 U	0.35 U	0.33 U	0.34 U	--
Di-n-octylphthalate	**8270C SIM**	--	11 U	9.9 U	10 UJ	9.7 U	10 UJ
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	0.23 U	0.2 U	0.19 U	0.2 U	--
Fluoranthene	**8270C SIM**	--	0.0052 U	0.0045 U	0.0045 UJ	0.0044 U	0.0045 U
Fluorene	**8270C**	--	0.35 U	0.31 U	0.29 U	0.3 U	--
Fluorene	**8270C SIM**	--	0.022 U	0.019 U	0.019 UJ	0.018 U	0.019 U
Formaldehyde	**8315**	--	77 U	--	50 U	--	--
Formaldehyde	**8315A**	--	--	8.4 U	--	8.4 U	--
Hexachlorobenzene	**8270C**	--	0.75 U	0.65 U	0.63 U	0.64 U	--
Hexachlorobutadiene	**8270C**	--	3.8 U	3.3 U	3.1 U	3.2 U	--
Hexachlorocyclopentadiene	**8270C**	--	1.7 U	1.5 U	1.5 U	1.5 U	--
Hexachloroethane	**8270C**	--	2.4 U	2.1 U	2 U	2 U	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	0.74 U	0.64 U	0.62 UJ	0.63 U	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	0.017 U	0.015 U	0.015 UJ	0.014 U	0.015 U
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	0.24 U	0.21 U	0.2 U	0.2 U	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	0.33 U	0.29 U	0.28 U	0.28 U	--
Naphthalene	**8270C SIM**	--	0.0072 J	0.0057 J	0.0053 UJ	0.01 J	10 U
Nitrobenzene	**8270C**	--	0.92 U	0.8 U	0.77 U	0.79 U	--
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	0.33 U	0.29 U	0.28 U	0.28 U	--
n-Nitrosodimethylamine	**8270C SIM**	--	0.15 U	0.13 U	0.13 UJ	0.13 U	0.13 U
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	0.4 U	0.35 U	0.33 U	0.34 U	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	0.5 U	0.44 U	0.42 U	0.43 U	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	1.1 U	0.97 U	0.93 U	0.96 U	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	2.4 U	2.1 U	2 U	2.1 U	--
p-Chloro-m-cresol	**8270C**	--	2.7 U	2.4 U	2.3 U	2.3 U	--
p-Cresol	**8270C**	--	44	0.25 U	0.24 U	0.24 U	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	23 U	20 U	19 U	20 U	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	0.3 U	0.26 U	0.25 U	0.25 U	--
Phenanthrene	**8270C SIM**	--	0.011 U	0.0097 U	0.0097 UJ	0.0095 U	0.0098 U
Phenol	**8270C**	--	3.6 J	2 U	1.9 U	2 U	--
p-Nitroaniline	**8270C**	--	2.3 U	2 U	1.9 U	2 U	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	0.42 U	0.37 U	0.35 U	0.36 U	--
Pyrene	**8270C SIM**	--	0.0093 U	0.008 U	0.008 UJ	0.0079 U	0.0081 U
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-149	PZ-149	PZ-152	PZ-154	PZ-154	PZ-154
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate	Primary
Sample Name:		PZ-149_041111_01	PZ-149_072811_01A	PZ-152_042911_01	PZ-154_012811_01	PZ-154_012811_36	PZ-154_042111_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/11/2011	7/28/2011	4/29/2011	1/28/2011	1/28/2011	4/21/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	0.28 U	0.29 U	0.28 U	0.29 U	--	0.28 U
1,2-Dichlorobenzene	**8270C**	0.23 U	0.24 U	0.23 U	0.24 U	--	0.23 U
1,3-Dichlorobenzene	**8270C**	0.3 U	0.31 U	0.3 U	0.31 U	--	0.3 U
1,3-Dinitrobenzene	**8270C**	--	--	--	--	--	--
1,4-Dichlorobenzene	**8270C**	0.32 U	0.33 U	0.32 U	0.33 U	--	0.32 U
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	0.0056 U	0.0054 U	0.0058 U	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	0.44 U	0.46 U	0.45 U	0.46 U	--	0.45 U
2,4,6-Trichlorophenol	**8270C**	0.29 U	0.3 U	0.29 U	0.3 U	--	0.29 U
2,4-Dichlorophenol	**8270C**	0.63 U	0.66 U	0.64 U	0.65 U	--	0.65 U
2,4-Dimethylphenol	**8270C**	0.57 U	0.59 U	0.58 U	0.59 U	--	0.59 U
2,4-Dinitrophenol	**8270C**	9.9 U	10 U	10 U	10 U	--	10 U
2,4-Dinitrotoluene	**8270C**	1.6 U	1.7 U	1.7 U	1.7 U	--	1.7 U
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	1.9 U	1.9 U	1.9 U	1.9 U	--	1.9 U
2-Chloronaphthalene	**8270C**	0.26 U	0.27 U	0.26 U	0.27 U	--	0.26 U
2-Chlorophenol	**8270C**	2 U	2 U	2 U	2 U	--	2 U
2-Methylnaphthalene	**8270C**	0.29 U	0.3 U	0.29 U	0.3 U	--	0.29 U
2-Methylnaphthalene	**8270C SIM**	0.0051 U	0.0049 U	0.0053 U	--	--	--
2-Nitroaniline	**8270C**	1.7 U	1.8 U	1.7 U	1.8 U	--	1.7 U
2-Nitrophenol	**8270C**	0.39 U	0.4 U	0.39 U	0.4 U	--	0.39 U
3,3'-Dichlorobenzidine	**8270C**	2 U	2 U	2 U	2 U	--	2 U
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--
3-Nitroaniline	**8270C**	2 U	2 U	2 U	2 U	--	2 U
4,6-Dinitro-o-cresol	**8270C**	4 U	4.1 U	4 U	4.1 U	--	4 U
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	0.42 U	0.44 U	0.43 U	0.44 U	--	0.43 U
4-Chlorophenylphenylether	**8270C**	1.6 U	1.7 U	1.7 U	1.7 U	--	1.7 U
4-Nitrophenol	**8270C**	1.2 U	1.3 U	1.2 U	1.3 U	--	1.2 U
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C**	0.28 U	0.29 U	0.28 U	0.29 U	--	0.28 U
Acenaphthene	**8270C SIM**	0.011 U	0.01 U	0.011 U	--	--	--
Acenaphthylene	**8270C**	0.48 U	0.5 U	0.49 U	0.5 U	--	0.49 U
Acenaphthylene	**8270C SIM**	0.0099 U	0.0096 U	0.01 U	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--
Aniline	**8270C**	2 U	2 U	2 U	2 U	--	2 U
Anthracene	**8270C**	0.41 U	0.43 U	0.42 U	0.43 U	--	0.42 U
Anthracene	**8270C SIM**	0.014 U	0.014 U	0.015 U	--	--	--
Aramite	**8270C**	--	--	--	--	--	--
Benzidine	**8270C**	49 U	51 U	50 U	51 U	--	50 U
Benzo(a)anthracene	**8270C**	0.35 U	0.36 U	0.35 U	0.36 U	--	0.35 U
Benzo(a)anthracene	**8270C SIM**	0.0036 J	0.0031 U	0.0033 U	--	--	--
Benzo(a)pyrene	**8270C**	0.31 U	0.32 U	0.31 U	0.32 U	--	0.31 U
Benzo(a)pyrene	**8270C SIM**	0.0051 U	0.0049 U	0.0053 U	--	--	--
Benzo(b)fluoranthene	**8270C**	0.52 U	0.54 U	0.53 U	0.54 U	--	0.54 U
Benzo(b)fluoranthene	**8270C SIM**	0.0034 U	0.0033 U	0.0035 U	--	--	--
Benzo(ghi)perylene	**8270C**	0.49 U	0.51 U	0.5 U	0.51 U	--	0.5 U
Benzo(ghi)perylene	**8270C SIM**	0.0035 U	0.0034 U	0.0036 U	--	--	--
Benzo(k)fluoranthene	**8270C**	0.45 U	0.47 U	0.46 U	0.47 U	--	0.46 U
Benzo(k)fluoranthene	**8270C SIM**	0.005 U	0.0048 U	0.0052 U	--	--	--
Benzoicacid	**8270C**	9.9 U	10 U	10 U	10 U	--	10 U
Benzylalcohol	**8270C**	0.23 U	20 U	0.23 U	0.24 U	--	0.23 U
beta-Naphthylamine	**8270C**	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	0.96 U	0.99 U	0.98 U	0.99 U	--	0.98 U
bis(2-Chloroethyl)ether	**8270C**	0.41 U	0.42 U	0.41 U	0.42 U	--	0.41 U
bis(2-Chloroisopropyl)ether	**8270C**	0.28 U	0.29 U	0.28 U	0.29 U	--	0.28 U
bis(2-Ethylhexyl)phthalate	**8270C**	0.55 U	0.57 U	0.56 U	0.57 U	--	0.57 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	0.17 J	0.13 U	10 U	--	--	--
Butylbenzylphthalate	**8270C**	0.99 U	1 U	1 U	1 U	--	1 U
Butylbenzylphthalate	**8270C SIM**	0.013 U	0.1 J	0.014 U	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	0.53 U	0.55 U	0.54 U	0.55 U	--	0.55 U
Chrysene	**8270C SIM**	0.0032 U	0.0031 U	0.0033 U	--	--	--
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	0.5 U	0.52 U	0.51 U	0.52 U	--	0.51 U
Dibenzo(a,h)anthracene	**8270C SIM**	0.0048 U	0.0046 U	0.0049 U	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-149	PZ-149	PZ-152	PZ-154	PZ-154	PZ-154
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate	Primary
Sample Name:		PZ-149_041111_01	PZ-149_072811_01A	PZ-152_042911_01	PZ-154_012811_01	PZ-154_012811_36	PZ-154_042111_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/11/2011	7/28/2011	4/29/2011	1/28/2011	1/28/2011	4/21/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	0.29 U	0.3 U	0.29 U	0.3 U	--	0.29 U
Diethylphthalate	**8270C**	0.38 U	0.39 U	10 U	0.46 J	--	0.38 U
Diethylphthalate	**8270C SIM**	0.27 J	0.75 J	10 U	--	--	--
Dimethylphthalate	**8270C**	0.21 U	0.22 U	0.21 U	0.21 U	--	0.21 U
Dimethylphthalate	**8270C SIM**	0.018 U	0.017 U	0.019 U	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.2 U	1.2 U	1.2 U	--	1.2 U
Di-n-butylphthalate	**8270C SIM**	9.9 U	0.19 J	10 U	--	--	--
Di-n-octylphthalate	**8270C**	0.35 U	0.36 U	0.35 U	0.36 U	--	0.35 U
Di-n-octylphthalate	**8270C SIM**	9.9 U	0.0085 U	10 U	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U
Fluoranthene	**8270C SIM**	0.0045 U	0.0043 U	0.0046 U	--	--	--
Fluorene	**8270C**	0.31 U	0.32 U	0.31 U	0.32 U	--	0.31 U
Fluorene	**8270C SIM**	0.019 U	0.018 U	0.019 U	--	--	--
Formaldehyde	**8315**	--	--	--	--	--	--
Formaldehyde	**8315A**	--	--	--	8.4 U	--	--
Hexachlorobenzene	**8270C**	0.65 U	0.68 U	0.66 U	0.68 U	--	0.67 U
Hexachlorobutadiene	**8270C**	3.3 U	3.4 U	3.3 U	3.4 U	--	3.3 U
Hexachlorocyclopentadiene	**8270C**	1.5 U	1.6 U	1.5 U	1.6 U	--	1.5 R
Hexachloroethane	**8270C**	2.1 U	2.2 U	2.1 U	2.1 U	--	2.1 U
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	0.64 U	0.67 U	0.65 U	0.67 U	--	0.66 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	0.015 U	0.014 U	0.015 U	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	0.21 U	0.22 U	0.21 U	0.21 U	--	0.21 U
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	0.29 U	0.3 U	0.29 U	0.3 U	--	0.29 U
Naphthalene	**8270C SIM**	0.006 J	0.011 J	0.0055 U	--	--	--
Nitrobenzene	**8270C**	0.8 U	0.83 U	0.82 U	0.83 U	--	0.82 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	--	0.023	0.025	0.016
n-Nitrosodimethylamine	**8270C**	0.29 U	0.3 U	0.29 U	0.3 U	--	0.29 U
n-Nitrosodimethylamine	**8270C SIM**	0.13 U	0.12 U	0.13 U	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	0.35 U	0.36 U	0.35 U	0.36 U	--	0.35 U
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	0.43 U	0.45 U	0.44 U	0.45 U	--	0.44 U
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	0.97 U	1 U	0.99 U	1 U	--	0.99 U
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	2.1 U	2.2 U	2.2 U	2.2 U	--	2.2 U
p-Chloro-m-cresol	**8270C**	2.4 U	2.5 U	2.4 U	2.5 U	--	2.4 U
p-Cresol	**8270C**	0.25 U	0.26 U	0.25 U	0.26 U	--	0.25 U
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	20 U	20 U	20 U	20 U	--	20 U
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	0.26 U	0.27 U	0.26 U	0.27 U	--	0.26 U
Phenanthrene	**8270C SIM**	0.0097 U	0.0094 U	0.01 U	--	--	--
Phenol	**8270C**	2 U	2 U	2 U	2 U	--	2 U
p-Nitroaniline	**8270C**	2 U	2 U	2 U	2 U	--	2 U
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	0.37 U	0.38 U	0.37 U	0.38 U	--	0.37 U
Pyrene	**8270C SIM**	0.008 U	0.0078 U	0.0083 U	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	PZ-154	PZ-154	PZ-154	PZ-155	PZ-155	PZ-157
	SampleType:	Field Duplicate	Primary	Field Duplicate	Primary	Primary	Primary
	Sample Name:	PZ-154_042111_36	PZ-154_072711_01A	PZ-154_072711_36A	PZ-155_041211_01	PZ-155_072911_01A	PZ-157_072211_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	4/21/2011	7/27/2011	7/27/2011	4/12/2011	7/29/2011	7/22/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	0.29 U	--	0.28 U	0.28 U	0.27 U
1,2-Dichlorobenzene	**8270C**	--	0.24 U	--	0.23 U	0.23 U	0.22 U
1,3-Dichlorobenzene	**8270C**	--	0.31 U	--	0.3 U	0.3 U	0.29 U
1,3-Dinitrobenzene	**8270C**	--	--	--	--	--	--
1,4-Dichlorobenzene	**8270C**	--	0.33 U	--	0.32 U	0.32 U	0.3 U
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	0.47 U	--	0.44 U	0.45 U	0.43 U
2,4,6-Trichlorophenol	**8270C**	--	0.3 U	--	0.29 U	0.29 U	0.28 U
2,4-Dichlorophenol	**8270C**	--	0.67 U	--	0.63 U	0.64 U	0.61 U
2,4-Dimethylphenol	**8270C**	--	0.6 U	--	0.57 U	0.58 U	0.55 U
2,4-Dinitrophenol	**8270C**	--	10 U	--	9.9 U	9.9 U	9.5 U
2,4-Dinitrotoluene	**8270C**	--	1.7 U	--	1.6 U	1.6 U	1.6 U
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	2 U	--	1.9 U	1.9 U	1.8 U
2-Chloronaphthalene	**8270C**	--	0.27 U	--	0.26 U	0.26 U	0.25 U
2-Chlorophenol	**8270C**	--	2.1 U	--	2 U	2 U	1.9 U
2-Methylnaphthalene	**8270C**	--	0.3 U	--	0.29 U	0.29 U	0.28 U
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	1.8 U	--	1.7 U	1.7 U	1.6 U
2-Nitrophenol	**8270C**	--	0.41 U	--	0.38 U	0.39 U	0.37 U
3,3'-Dichlorobenzidine	**8270C**	--	2.1 U	--	2 U	2 U	1.9 U
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--
3-Nitroaniline	**8270C**	--	2.1 U	--	2 U	2 U	1.9 U
4,6-Dinitro-o-cresol	**8270C**	--	4.2 U	--	3.9 U	4 U	3.8 U
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	0.45 U	--	0.42 U	0.43 U	0.41 U
4-Chlorophenylphenylether	**8270C**	--	1.7 U	--	1.6 U	1.6 U	1.6 U
4-Nitrophenol	**8270C**	--	1.3 U	--	1.2 U	1.2 U	1.2 U
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C**	--	0.29 U	--	0.28 U	0.28 U	0.27 U
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	0.51 U	--	0.48 U	0.49 U	0.47 U
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--
Aniline	**8270C**	--	2.1 U	--	2 U	2 U	1.9 U
Anthracene	**8270C**	--	0.44 U	--	0.41 U	0.42 U	0.4 U
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--	--
Benzidine	**8270C**	--	52 U	--	49 U	50 U	48 U
Benzo(a)anthracene	**8270C**	--	0.36 U	--	0.35 U	0.35 U	0.33 U
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	0.32 U	--	0.31 U	0.31 U	0.3 U
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	0.55 U	--	0.52 U	0.53 U	0.51 U
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	0.52 U	--	0.49 U	0.5 U	0.48 U
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	0.48 U	--	0.45 U	0.46 U	0.44 U
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	10 U	--	9.9 U	9.9 U	9.5 U
Benzylalcohol	**8270C**	--	0.24 U	--	0.23 U	0.23 U	0.22 U
beta-Naphthylamine	**8270C**	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	1 U	--	0.96 U	0.96 U	0.92 U
bis(2-Chloroethyl)ether	**8270C**	--	0.43 U	--	0.4 U	0.41 U	0.39 U
bis(2-Chloroisopropyl)ether	**8270C**	--	0.29 U	--	0.28 U	0.28 U	0.27 U
bis(2-Ethylhexyl)phthalate	**8270C**	--	0.58 U	--	0.56 J	50 U	48 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	1 U	--	0.99 U	0.99 U	0.95 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	--	0.56 U	--	0.53 U	0.54 U	0.51 U
Chrysene	**8270C SIM**	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	0.53 U	--	0.5 U	0.51 U	0.49 U
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-154	PZ-154	PZ-154	PZ-155	PZ-155	PZ-157
SampleType:		Field Duplicate	Primary	Field Duplicate	Primary	Primary	Primary
Sample Name:		PZ-154_042111_36	PZ-154_072711_01A	PZ-154_072711_36A	PZ-155_041211_01	PZ-155_072911_01A	PZ-157_072211_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/21/2011	7/27/2011	7/27/2011	4/12/2011	7/29/2011	7/22/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	0.3 U	--	0.29 U	0.29 U	0.28 U
Diethylphthalate	**8270C**	--	0.96 J	--	0.37 U	1.7 J	0.45 J
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	0.22 U	--	0.21 U	0.21 U	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	1.2 U	--	1.1 U	1.2 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	0.36 U	--	0.35 U	0.35 U	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	0.21 U	--	0.2 U	0.2 U	0.19 U
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	0.32 U	--	0.31 U	0.31 U	0.3 U
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	50 U	--	--	50 U	50 U
Formaldehyde	**8315A**	--	--	--	--	--	--
Hexachlorobenzene	**8270C**	--	0.69 U	--	0.65 U	0.66 U	0.63 U
Hexachlorobutadiene	**8270C**	--	3.4 U	--	3.3 U	3.3 U	3.1 U
Hexachlorocyclopentadiene	**8270C**	--	1.6 U	--	1.5 U	1.5 U	1.5 U
Hexachloroethane	**8270C**	--	2.2 U	--	2.1 U	2.1 U	2 U
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	0.68 U	--	0.64 U	0.65 U	0.62 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	0.22 U	--	0.21 U	0.21 U	0.2 U
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	0.3 U	--	0.29 U	0.29 U	0.28 U
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	--	0.84 U	--	0.8 U	0.8 U	0.77 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.018	0.02	0.019	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	0.3 U	--	0.29 U	0.29 U	0.28 U
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	0.36 U	--	1.3 J	1.2 J	0.33 U
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	0.46 U	--	0.43 U	0.44 U	0.42 U
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	1 U	--	0.97 U	0.97 U	0.93 U
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	2.2 U	--	2.1 U	2.1 U	2 U
p-Chloro-m-cresol	**8270C**	--	2.5 U	--	2.4 U	2.4 U	2.3 U
p-Cresol	**8270C**	--	0.26 U	--	0.25 U	0.25 U	0.24 U
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	21 U	--	20 U	20 U	19 U
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	0.27 U	--	0.26 U	0.26 U	0.25 U
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	2.1 U	--	2 U	2 U	1.9 U
p-Nitroaniline	**8270C**	--	2.1 U	--	2 U	2 U	1.9 U
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	0.38 U	--	0.36 U	0.37 U	0.35 U
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-158	PZ-158	PZ-158	PZ-159	PZ-159	PZ-159
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-158_013111_01	PZ-158_042911_01	PZ-158_072211_01	PZ-159_011911_01	PZ-159_041311_01	PZ-159_072211_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/31/2011	4/29/2011	7/22/2011	1/19/2011	4/13/2011	7/22/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	0.27 U	0.29 U	0.28 U	0.27 U	0.28 U	0.27 U
1,2-Dichlorobenzene	**8270C**	0.22 U	0.23 U	0.23 U	0.22 U	0.23 U	0.22 U
1,3-Dichlorobenzene	**8270C**	0.29 U	0.31 U	0.3 U	0.29 U	0.3 U	0.29 U
1,3-Dinitrobenzene	**8270C**	--	--	--	--	--	--
1,4-Dichlorobenzene	**8270C**	0.3 U	0.33 U	0.32 U	0.3 U	0.32 U	0.3 U
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	0.0054 U	0.0057 U	0.0054 U
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	0.43 U	0.46 U	0.45 U	0.43 U	0.45 U	0.43 U
2,4,6-Trichlorophenol	**8270C**	0.28 U	0.3 U	0.29 U	0.28 U	0.29 U	0.28 U
2,4-Dichlorophenol	**8270C**	0.61 U	0.65 U	0.64 U	0.61 U	0.63 U	0.61 U
2,4-Dimethylphenol	**8270C**	0.55 U	0.59 U	0.58 U	0.55 U	0.57 U	0.55 U
2,4-Dinitrophenol	**8270C**	9.5 U	10 U	10 U	9.5 U	9.9 U	9.5 U
2,4-Dinitrotoluene	**8270C**	1.6 U	1.7 U	1.7 U	1.6 U	1.6 U	1.6 U
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.8 U
2-Chloronaphthalene	**8270C**	0.25 U	0.27 U	0.26 U	0.25 U	0.26 U	0.25 U
2-Chlorophenol	**8270C**	1.9 U	2 U	2 U	1.9 U	2 U	1.9 U
2-Methylnaphthalene	**8270C**	0.28 U	0.3 U	0.29 U	0.28 U	0.29 U	0.28 U
2-Methylnaphthalene	**8270C SIM**	--	--	--	0.005 U	0.0052 U	0.0053 J
2-Nitroaniline	**8270C**	1.6 U	1.8 U	1.7 U	1.6 U	1.7 U	1.6 U
2-Nitrophenol	**8270C**	0.37 U	0.4 U	0.39 U	0.37 U	0.39 U	0.37 U
3,3'-Dichlorobenzidine	**8270C**	1.9 U	2 U	2 U	1.9 U	2 U	1.9 U
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--
3-Nitroaniline	**8270C**	1.9 U	2 U	2 U	1.9 U	2 U	1.9 U
4,6-Dinitro-o-cresol	**8270C**	3.8 U	4.1 U	4 U	3.8 U	4 U	3.8 U
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	0.41 U	0.44 U	0.43 U	0.41 U	0.43 U	0.41 U
4-Chlorophenylphenylether	**8270C**	1.6 U	1.7 U	1.7 U	1.6 U	1.6 U	1.6 U
4-Nitrophenol	**8270C**	1.2 U	1.3 U	1.2 U	1.2 U	1.2 U	1.2 U
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C**	0.27 U	0.29 U	0.28 U	0.27 U	0.28 U	0.27 U
Acenaphthene	**8270C SIM**	--	--	--	0.01 U	0.011 U	0.01 U
Acenaphthylene	**8270C**	0.47 U	0.5 U	0.49 U	0.47 U	0.49 U	0.47 U
Acenaphthylene	**8270C SIM**	--	--	--	0.0096 U	0.01 U	0.0095 U
Acetamidofluorene	**8270C**	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--
Aniline	**8270C**	1.9 U	2 U	2 U	1.9 U	2 U	1.9 U
Anthracene	**8270C**	0.4 U	0.43 U	0.42 U	0.4 U	0.42 U	0.4 U
Anthracene	**8270C SIM**	--	--	--	0.014 U	0.014 U	0.013 U
Aramite	**8270C**	--	--	--	--	--	--
Benzidine	**8270C**	48 U	51 U	50 U	48 U	50 U	48 U
Benzo(a)anthracene	**8270C**	0.33 U	0.36 U	0.35 U	0.33 U	0.35 U	0.33 U
Benzo(a)anthracene	**8270C SIM**	--	--	--	0.0031 U	0.0033 U	0.0031 U
Benzo(a)pyrene	**8270C**	0.29 U	0.32 U	0.31 U	0.29 U	0.31 U	0.29 U
Benzo(a)pyrene	**8270C SIM**	--	--	--	0.0049 U	0.0052 U	0.0049 U
Benzo(b)fluoranthene	**8270C**	0.51 U	0.54 U	0.53 U	0.51 U	0.53 U	0.5 U
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	0.0033 U	0.0035 U	0.0033 U
Benzo(ghi)perylene	**8270C**	0.48 U	0.51 U	0.5 U	0.48 U	0.5 U	0.48 U
Benzo(ghi)perylene	**8270C SIM**	--	--	--	0.0034 U	0.0036 U	0.0034 U
Benzo(k)fluoranthene	**8270C**	0.44 U	0.47 U	0.46 U	0.44 U	0.46 U	0.44 U
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	0.0049 U	0.0051 U	0.0048 U
Benzoicacid	**8270C**	9.5 U	10 U	10 U	9.5 U	9.9 U	9.5 U
Benzylalcohol	**8270C**	0.22 U	0.23 U	20 U	0.22 U	0.23 U	19 U
beta-Naphthylamine	**8270C**	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	0.92 U	0.99 U	0.97 U	0.92 U	0.96 U	0.92 U
bis(2-Chloroethyl)ether	**8270C**	0.39 U	0.42 U	0.41 U	0.39 U	0.41 U	0.39 U
bis(2-Chloroisopropyl)ether	**8270C**	0.27 U	0.29 U	0.28 U	0.27 U	0.28 U	0.27 U
bis(2-Ethylhexyl)phthalate	**8270C**	0.53 U	0.57 U	50 U	0.53 U	50 U	48 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	9.6 U	0.35 J	0.16 J
Butylbenzylphthalate	**8270C**	0.95 U	1 U	1 U	0.95 U	0.99 U	0.95 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	9.6 U	0.014 U	0.042 J
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	0.51 U	0.55 U	0.54 U	0.51 U	0.54 U	0.51 U
Chrysene	**8270C SIM**	--	--	--	0.0031 U	0.0032 U	0.003 U
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	0.49 U	0.52 U	0.51 U	0.49 U	0.51 U	0.48 U
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	0.0046 U	0.0049 U	0.0046 U

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-158	PZ-158	PZ-158	PZ-159	PZ-159	PZ-159
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-158_013111_01	PZ-158_042911_01	PZ-158_072211_01	PZ-159_011911_01	PZ-159_041311_01	PZ-159_072211_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/31/2011	4/29/2011	7/22/2011	1/19/2011	4/13/2011	7/22/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	0.28 U	0.3 U	0.29 U	0.28 U	0.29 U	0.28 U
Diethylphthalate	**8270C**	0.36 U	10 U	0.47 J	0.9 J	0.38 U	1 J
Diethylphthalate	**8270C SIM**	--	--	--	1.1 J	0.079 J	0.46 J
Dimethylphthalate	**8270C**	0.2 U	0.21 U	0.21 U	0.2 U	0.21 U	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	0.017 U	0.018 U	0.017 U
Di-n-butylphthalate	**8270C**	1.1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	9.6 U	10 U	9.5 U
Di-n-octylphthalate	**8270C**	0.33 U	0.36 U	0.35 U	0.33 U	2.5 J	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	9.6 U	10 U	9.5 U
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	0.19 U	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U
Fluoranthene	**8270C SIM**	--	--	--	0.0044 U	0.0046 U	9.5 U
Fluorene	**8270C**	0.29 U	0.32 U	0.31 U	0.29 U	0.31 U	0.29 U
Fluorene	**8270C SIM**	--	--	--	0.018 U	0.019 U	0.018 U
Formaldehyde	**8315**	--	--	50 U	--	--	--
Formaldehyde	**8315A**	8.4 U	--	--	--	--	--
Hexachlorobenzene	**8270C**	0.63 U	0.67 U	0.66 U	0.63 U	0.65 U	0.63 U
Hexachlorobutadiene	**8270C**	3.1 U	3.4 U	3.3 U	3.1 U	3.3 U	3.1 U
Hexachlorocyclopentadiene	**8270C**	1.5 U	1.6 U	1.5 U	1.5 U	1.5 U	1.5 U
Hexachloroethane	**8270C**	2 U	2.1 U	2.1 U	2 U	2.1 U	2 U
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	0.62 U	0.66 U	0.65 U	0.62 U	0.64 U	0.62 U
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	0.014 U	0.015 U	0.014 U
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	0.2 U	0.21 U	0.21 U	0.2 U	0.21 U	0.2 U
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	0.28 U	0.3 U	0.29 U	0.28 U	0.29 U	0.28 U
Naphthalene	**8270C SIM**	--	--	--	0.0051 U	0.0054 U	0.01 J
Nitrobenzene	**8270C**	0.77 U	0.83 U	0.81 U	0.77 U	0.8 U	0.77 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	--	--	--
n-Nitrosodimethylamine	**8270C**	0.28 U	0.3 U	0.29 U	0.28 U	0.29 U	0.28 U
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	0.13 U	0.13 U	0.12 U
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	0.33 U	0.36 U	0.35 U	0.33 U	0.35 U	0.33 U
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	0.42 U	0.45 U	0.44 U	0.42 U	0.44 U	0.42 U
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	0.93 U	1 U	0.98 U	0.93 U	0.97 U	0.93 U
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	2 U	2.2 U	2.1 U	2 U	2.1 U	2 U
p-Chloro-m-cresol	**8270C**	2.3 U	2.5 U	2.4 U	2.3 U	2.4 U	2.3 U
p-Cresol	**8270C**	0.24 U	0.26 U	0.25 U	0.24 U	0.25 U	0.24 U
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	19 U	20 U	20 U	19 U	20 U	19 U
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	0.25 U	0.27 U	0.26 U	0.25 U	0.26 U	0.25 U
Phenanthrene	**8270C SIM**	--	--	--	0.0094 U	0.0099 U	0.0093 U
Phenol	**8270C**	1.9 U	2 U	2 U	1.9 U	2 U	1.9 U
p-Nitroaniline	**8270C**	1.9 U	2 U	2 U	1.9 U	2 U	1.9 U
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	0.35 U	0.38 U	0.37 U	0.35 U	0.37 U	0.35 U
Pyrene	**8270C SIM**	--	--	--	0.0078 U	0.0082 U	0.0077 U
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-01	RD-01	RD-01	RD-01	RD-02	RD-02
SampleType:		Primary	Field Duplicate	Primary	Field Duplicate	Primary	Field Duplicate
Sample Name:		RD-01_042111_01	RD-01_042111_36	RD-01_071511_01	RD-01_071511_36	RD-02_042511_01	RD-02_042511_36
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/21/2011	4/21/2011	7/15/2011	7/15/2011	4/25/2011	4/25/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8270C	--	--	--	--	--	--
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dinitrobenzene	8270C	2 U	--	1.9 U	--	1.9 U	--
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	--	--	--	--
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	--	--
2,4,5-Trichlorophenol	8270C	--	--	--	--	--	--
2,4,6-Trichlorophenol	8270C	--	--	--	--	--	--
2,4-Dichlorophenol	8270C	--	--	--	--	--	--
2,4-Dimethylphenol	8270C	--	--	--	--	--	--
2,4-Dinitrophenol	8270C	--	--	--	--	--	--
2,4-Dinitrotoluene	8270C	--	--	--	--	--	--
2,6-Dichlorophenol	8270C	--	--	--	--	--	--
2,6-Dinitrotoluene	8270C	--	--	--	--	--	--
2-Chloronaphthalene	8270C	--	--	--	--	--	--
2-Chlorophenol	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	--	--	--	--
2-Nitrophenol	8270C	--	--	--	--	--	--
3,3'-Dichlorobenzidine	8270C	--	--	--	--	--	--
3-Methylcholanthrene	8270C	--	--	--	--	--	--
3-Nitroaniline	8270C	--	--	--	--	--	--
4,6-Dinitro-o-cresol	8270C	--	--	--	--	--	--
4-Aminobiphenyl	8270C	--	--	--	--	--	--
4-Bromophenylphenylether	8270C	--	--	--	--	--	--
4-Chlorophenylphenylether	8270C	--	--	--	--	--	--
4-Nitrophenol	8270C	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	--	--
5-Nitro-o-toluidine	8270C	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	--	--
Acenaphthene	8270C	--	--	--	--	--	--
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	--	--	--	--
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	--	--	--	--
Acetophenone	8270C	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	--	--
alpha-Naphthylamine	8270C	--	--	--	--	--	--
alpha-Picoline	8270C	--	--	--	--	--	--
Aniline	8270C	--	--	--	--	--	--
Anthracene	8270C	0.43 U	--	0.4 U	--	0.4 U	--
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	--	--	--	--
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	--	--	--	--
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	--	--	--	--
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	--	--	--	--
beta-Naphthylamine	8270C	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	8270C	--	--	--	--	--	--
bis(2-Chloroethyl)ether	8270C	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	8270C	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	8270C	0.57 U	--	9.5 U	--	0.54 U	--
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	1 U	--	0.95 U	--	0.96 U	--
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	--	--	--	--
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-01	RD-01	RD-01	RD-01	RD-02	RD-02
SampleType:		Primary	Field Duplicate	Primary	Field Duplicate	Primary	Field Duplicate
Sample Name:		RD-01_042111_01	RD-01_042111_36	RD-01_071511_01	RD-01_071511_36	RD-02_042511_01	RD-02_042511_36
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/21/2011	4/21/2011	7/15/2011	7/15/2011	4/25/2011	4/25/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	0.39 U	--	0.36 U	--	0.36 U	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.21 U	--	0.2 U	--	0.2 U	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.2 U	--	1.1 U	--	1.1 U	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.36 U	--	0.33 U	--	0.33 U	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	50 U	--	--	--
Formaldehyde	**8315A**	8.4 U	--	--	--	8.4 U	--
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.82 U	--	0.77 U	--	0.77 U	--
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.0077	0.0061	0.0096 J	0.01 J	0.0064	0.0065
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-02	RD-02	RD-03	RD-03	RD-03	RD-05A
SampleType:		Primary	Field Duplicate	Primary	Primary	Primary	Primary
Sample Name:		RD-02_071511_01	RD-02_071511_36	RD-03_020111_01	RD-03_042511_01	RD-03_080511_01	RD-05A_011211_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/15/2011	7/15/2011	2/1/2011	4/25/2011	8/5/2011	1/12/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8270C	--	--	--	--	--	--
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dinitrobenzene	8270C	1.9 U	--	2 U	1.9 U	1.9 U	1.9 U
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	--	--	--	--
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	--	--
2,4,5-Trichlorophenol	8270C	--	--	--	--	--	--
2,4,6-Trichlorophenol	8270C	--	--	--	--	--	--
2,4-Dichlorophenol	8270C	--	--	--	--	--	--
2,4-Dimethylphenol	8270C	--	--	--	--	--	--
2,4-Dinitrophenol	8270C	--	--	--	--	--	--
2,4-Dinitrotoluene	8270C	--	--	--	--	--	--
2,6-Dichlorophenol	8270C	--	--	--	--	--	--
2,6-Dinitrotoluene	8270C	--	--	--	--	--	--
2-Chloronaphthalene	8270C	--	--	--	--	--	--
2-Chlorophenol	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	--	--	--	--
2-Nitrophenol	8270C	--	--	--	--	--	--
3,3'-Dichlorobenzidine	8270C	--	--	--	--	--	--
3-Methylcholanthrene	8270C	--	--	--	--	--	--
3-Nitroaniline	8270C	--	--	--	--	--	--
4,6-Dinitro-o-cresol	8270C	--	--	--	--	--	--
4-Aminobiphenyl	8270C	--	--	--	--	--	--
4-Bromophenylphenylether	8270C	--	--	--	--	--	--
4-Chlorophenylphenylether	8270C	--	--	--	--	--	--
4-Nitrophenol	8270C	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	--	--
5-Nitro-o-toluidine	8270C	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	--	--
Acenaphthene	8270C	--	--	--	--	--	--
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	--	--	--	--
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	--	--	--	--
Acetophenone	8270C	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	--	--
alpha-Naphthylamine	8270C	--	--	--	--	--	--
alpha-Picoline	8270C	--	--	--	--	--	--
Aniline	8270C	--	--	--	--	--	--
Anthracene	8270C	0.4 U	--	--	--	--	--
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	--	--	--	--
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	--	--	--	--
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	--	--	--	--
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	--	--	--	--
beta-Naphthylamine	8270C	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	8270C	--	--	--	--	--	--
bis(2-Chloroethyl)ether	8270C	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	8270C	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	8270C	2.1 J	--	0.55 U	0.53 U	1.7 J	--
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	0.95 U	--	0.98 U	0.95 U	0.95 U	--
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	--	--	--	--
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-02	RD-02	RD-03	RD-03	RD-03	RD-05A
	SampleType:	Primary	Field Duplicate	Primary	Primary	Primary	Primary
	Sample Name:	RD-02_071511_01	RD-02_071511_36	RD-03_020111_01	RD-03_042511_01	RD-03_080511_01	RD-05A_011211_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/15/2011	7/15/2011	2/1/2011	4/25/2011	8/5/2011	1/12/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	0.36 U	--	0.37 U	0.36 U	0.36 U	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	--	0.21 U	0.2 U	0.2 U	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	--	1.1 U	1.1 U	1.1 U	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.33 U	--	0.34 U	0.33 U	0.33 U	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	50 U	--	--	--	50 U	--
Formaldehyde	**8315A**	--	--	8.4 U	13 J	--	50 U
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	--	0.79 U	0.77 U	0.77 U	0.77 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.009 J	0.0077 J	0.005 U	0.005 U	0.005 U	0.005 UJ
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-05A	RD-05A	RD-05A	RD-05B	RD-05B	RD-05B
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-05A_041811_01	RD-05A_042211_01	RD-05A_071911_01	RD-05B_011211_01	RD-05B_041811_01	RD-05B_071911_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	4/18/2011	4/22/2011	7/19/2011	1/12/2011	4/18/2011	7/19/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	2 U	--	1.9 U	1.9 U	2 U	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-05A	RD-05A	RD-05A	RD-05B	RD-05B	RD-05B
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-05A_041811_01	RD-05A_042211_01	RD-05A_071911_01	RD-05B_011211_01	RD-05B_041811_01	RD-05B_071911_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	4/18/2011	4/22/2011	7/19/2011	1/12/2011	4/18/2011	7/19/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	--	--	--	--	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	50 U	--	--	50 U
Formaldehyde	**8315A**	13 J	50 U	--	50 U	13 J	--
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.8 U	--	0.78 U	0.77 U	0.81 U	0.79 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	--	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-05C	RD-05C	RD-05C	RD-06	RD-06	RD-06
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-05C_011311_01	RD-05C_041811_01	RD-05C_071911_01	RD-06_011311_01	RD-06_041811_01	RD-06_071911_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/13/2011	4/18/2011	7/19/2011	1/13/2011	4/18/2011	7/19/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8270C	--	--	--	--	--	--
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dinitrobenzene	8270C	1.9 U	2 U	1.9 U	2 U	1.9 U	1.9 U
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	--	--	--	--
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	--	--
2,4,5-Trichlorophenol	8270C	--	--	--	--	--	--
2,4,6-Trichlorophenol	8270C	--	--	--	--	--	--
2,4-Dichlorophenol	8270C	--	--	--	--	--	--
2,4-Dimethylphenol	8270C	--	--	--	--	--	--
2,4-Dinitrophenol	8270C	--	--	--	--	--	--
2,4-Dinitrotoluene	8270C	--	--	--	--	--	--
2,6-Dichlorophenol	8270C	--	--	--	--	--	--
2,6-Dinitrotoluene	8270C	--	--	--	--	--	--
2-Chloronaphthalene	8270C	--	--	--	--	--	--
2-Chlorophenol	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	--	--	--	--
2-Nitrophenol	8270C	--	--	--	--	--	--
3,3'-Dichlorobenzidine	8270C	--	--	--	--	--	--
3-Methylcholanthrene	8270C	--	--	--	--	--	--
3-Nitroaniline	8270C	--	--	--	--	--	--
4,6-Dinitro-o-cresol	8270C	--	--	--	--	--	--
4-Aminobiphenyl	8270C	--	--	--	--	--	--
4-Bromophenylphenylether	8270C	--	--	--	--	--	--
4-Chlorophenylphenylether	8270C	--	--	--	--	--	--
4-Nitrophenol	8270C	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	--	--
5-Nitro-o-toluidine	8270C	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	--	--
Acenaphthene	8270C	--	--	--	--	--	--
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	--	--	--	--
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	--	--	--	--
Acetophenone	8270C	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	--	--
alpha-Naphthylamine	8270C	--	--	--	--	--	--
alpha-Picoline	8270C	--	--	--	--	--	--
Aniline	8270C	--	--	--	--	--	--
Anthracene	8270C	--	--	--	--	--	--
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	--	--	--	--
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	--	--	--	--
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	--	--	--	--
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	--	--	--	--
beta-Naphthylamine	8270C	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	8270C	--	--	--	--	--	--
bis(2-Chloroethyl)ether	8270C	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	8270C	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	8270C	--	--	--	--	0.54 U	0.54 U
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	--	--	--	--	0.96 U	0.97 U
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	--	--	--	--
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-05C	RD-05C	RD-05C	RD-06	RD-06	RD-06
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-05C_011311_01	RD-05C_041811_01	RD-05C_071911_01	RD-06_011311_01	RD-06_041811_01	RD-06_071911_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/13/2011	4/18/2011	7/19/2011	1/13/2011	4/18/2011	7/19/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	--	--	--	--	0.36 U	0.37 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	--	--	--	0.2 U	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	--	--	--	1.1 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	--	--	--	0.34 U	0.34 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	50 U	--	--	50 U
Formaldehyde	**8315A**	50 U	15 J	--	50 U	8.4 U	--
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	0.79 U	0.77 U	0.79 U	0.78 U	0.79 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-08	RD-08	RD-08	RD-104	RD-104	RD-104
SampleType:		Primary	Primary	Primary	Primary	Primary	Field Duplicate
Sample Name:		RD-08_011911_01	RD-08_041111_01	RD-08_071211_01	RD-104_042911_01	RD-104_072711_01	RD-104_072711_36
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/19/2011	4/11/2011	7/12/2011	4/29/2011	7/27/2011	7/27/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	1.8 U	--	1.8 U	--	--
1,2,4-Trichlorobenzene	**8270C**	--	0.28 U	--	0.29 U	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	0.31 U	--	0.31 U	--	--
1,3-Dinitrobenzene	**8270C**	2 U	2 U	1.9 U	2 U	1.9 U	--
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	14 U	--	14 U	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	2 U	--	2 U	--	--
2,4,5-Trichlorophenol	**8270C**	--	0.46 U	--	0.46 U	--	--
2,4,6-Trichlorophenol	**8270C**	--	0.29 U	--	0.3 U	--	--
2,4-Dichlorophenol	**8270C**	--	0.65 U	--	0.65 U	--	--
2,4-Dimethylphenol	**8270C**	--	0.59 U	--	0.59 U	--	--
2,4-Dinitrophenol	**8270C**	--	10 U	--	10 U	--	--
2,4-Dinitrotoluene	**8270C**	--	1.7 U	--	1.7 U	--	--
2,6-Dichlorophenol	**8270C**	--	1.4 U	--	1.4 U	--	--
2,6-Dinitrotoluene	**8270C**	--	1.9 U	--	1.9 U	--	--
2-Chloronaphthalene	**8270C**	--	0.26 U	--	0.27 U	--	--
2-Chlorophenol	**8270C**	--	2 U	--	2 U	--	--
2-Methylnaphthalene	**8270C**	--	0.29 U	--	0.3 U	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	1.8 U	--	1.8 U	--	--
2-Nitrophenol	**8270C**	--	0.4 U	--	0.4 U	--	--
3,3'-Dichlorobenzidine	**8270C**	--	2 U	--	2 U	--	--
3-Methylcholanthrene	**8270C**	--	1.7 U	--	1.7 U	--	--
3-Nitroaniline	**8270C**	--	2 U	--	2 U	--	--
4,6-Dinitro-o-cresol	**8270C**	--	4.1 U	--	4.1 U	--	--
4-Aminobiphenyl	**8270C**	--	4.6 U	--	4.6 U	--	--
4-Bromophenylphenylether	**8270C**	--	0.44 U	--	0.44 U	--	--
4-Chlorophenylphenylether	**8270C**	--	1.7 U	--	1.7 U	--	--
4-Nitrophenol	**8270C**	--	1.3 U	--	1.3 U	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	20 U	--	20 U	--	--
5-Nitro-o-toluidine	**8270C**	--	1.4 U	--	1.4 U	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	1.6 U	--	1.6 U	--	--
Acenaphthene	**8270C**	--	0.28 U	--	0.29 U	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	0.5 U	--	0.5 U	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	7.1 U	--	7.1 U	--	--
Acetophenone	**8270C**	--	0.24 U	--	0.24 U	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	20 U	--	20 U	--	--
alpha-Naphthylamine	**8270C**	--	3.2 U	--	3.2 U	--	--
alpha-Picoline	**8270C**	--	1.2 U	--	1.2 U	--	--
Aniline	**8270C**	--	2 U	--	2 U	--	--
Anthracene	**8270C**	0.42 U	0.43 U	0.4 U	0.43 U	--	--
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	9.4 U	--	9.4 U	--	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	0.36 U	--	0.36 U	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	0.32 U	--	0.32 U	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	0.54 U	--	0.54 U	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	0.51 U	--	0.51 U	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	0.47 U	--	0.47 U	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	0.23 U	--	0.23 U	--	--
beta-Naphthylamine	**8270C**	--	3.1 U	--	3.2 U	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	0.99 U	--	0.99 U	--	--
bis(2-Chloroethyl)ether	**8270C**	--	0.42 U	--	0.42 U	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	0.28 U	--	0.29 U	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	--	0.57 U	--	0.57 U	0.66 J	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	1 U	--	1 U	0.97 U	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	--	0.55 U	--	0.55 U	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	0.52 U	--	0.52 U	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-08	RD-08	RD-08	RD-104	RD-104	RD-104
SampleType:		Primary	Primary	Primary	Primary	Primary	Field Duplicate
Sample Name:		RD-08_011911_01	RD-08_041111_01	RD-08_071211_01	RD-104_042911_01	RD-104_072711_01	RD-104_072711_36
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/19/2011	4/11/2011	7/12/2011	4/29/2011	7/27/2011	7/27/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	0.29 U	--	0.3 U	--	--
Diethylphthalate	**8270C**	--	0.39 U	--	10 U	0.49 J	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	0.21 U	--	0.21 U	0.2 U	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	1.2 U	--	1.2 U	1.1 U	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	0.36 U	--	0.36 U	0.34 U	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	1.1 U	--	1.1 U	--	--
Ethylmethanesulfonate	**8270C**	--	0.96 U	--	0.96 U	--	--
Fluoranthene	**8270C**	--	0.2 U	--	0.2 U	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	0.32 U	--	0.32 U	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	50 U	--	50 U	--
Formaldehyde	**8315A**	8.4 U	8.4 U	--	8.4 U	--	--
Hexachlorobenzene	**8270C**	--	0.67 U	--	0.67 U	--	--
Hexachlorobutadiene	**8270C**	--	3.4 U	--	3.4 U	--	--
Hexachlorocyclopentadiene	**8270C**	--	1.6 U	--	1.6 U	--	--
Hexachloroethane	**8270C**	--	2.1 U	--	2.1 U	--	--
Hexachlorophene	**8321A**	--	0.49 U	--	0.49 U	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	2 U	--	2 U	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	0.66 U	--	0.66 U	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	1.8 U	--	1.8 U	--	--
Isophorone	**8270C**	--	0.21 U	--	0.21 U	--	--
Isosafrole	**8270C**	--	1 U	--	1 U	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	0.25 U	--	0.26 U	--	--
Methapyrilene	**8270C**	--	20 U	--	20 U	--	--
Methylmethanesulfonate	**8270C**	--	1 U	--	1 U	--	--
Naphthalene	**8270C**	--	0.29 U	--	0.3 U	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.82 U	0.82 U	0.77 U	0.83 U	0.79 U	--
n-Nitrosodiethylamine	**8270C**	--	1.8 U	--	1.8 U	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 UJ	0.005 U	0.0087	0.0089
n-Nitrosodimethylamine	**8270C**	--	0.29 U	--	0.3 U	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	1.2 U	--	1.2 U	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	0.36 U	--	0.36 U	--	--
n-Nitrosodiphenylamine	**8270C**	--	0.45 U	--	0.45 U	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	1.8 U	--	1.8 U	--	--
n-Nitrosomorpholine	**8270C**	--	2 U	--	2 U	--	--
n-Nitrosopiperidine	**8270C**	--	2 U	--	2 U	--	--
n-Nitrosopyrrolidine	**8270C**	--	0.82 U	--	0.82 U	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	2 U	--	2 U	--	--
o-Cresol	**8270C**	--	1 U	--	1 U	--	--
o-Tolidine	**8270C**	--	4.1 U	--	4.1 U	--	--
o-Toluidine	**8270C**	--	1.4 U	--	1.4 U	--	--
p-Chloroaniline	**8270C**	--	2.2 U	--	2.2 U	--	--
p-Chloro-m-cresol	**8270C**	--	2.5 U	--	2.5 U	--	--
p-Cresol	**8270C**	--	0.25 U	--	0.26 U	--	--
p-Dimethylaminoazobenzene	**8270C**	--	2 U	--	2 U	--	--
Pentachlorobenzene	**8270C**	--	2 U	--	2 U	--	--
Pentachloroethane	**8270C**	--	2 U	--	2 U	--	--
Pentachloronitrobenzene	**8270C**	--	2 U	--	2 U	--	--
Pentachlorophenol	**8270C**	--	0.78 U	--	0.82 U	--	--
Phenacetin	**8270C**	--	1.1 U	--	1.1 U	--	--
Phenanthrene	**8270C**	--	0.26 U	--	0.27 U	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	2 U	--	2 U	--	--
p-Nitroaniline	**8270C**	--	2 U	--	2 U	--	--
p-Phenylenediamine	**8270C**	--	5.1 U	--	5.1 U	--	--
Pronamide	**8270C**	--	2 U	--	2 U	--	--
Pyrene	**8270C**	--	0.38 U	--	0.38 U	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	1.7 U	--	1.7 U	--	--
Safrole	**8270C**	--	1.1 U	--	1.2 U	--	--
sym-Trinitrobenzene	**8270C**	--	4.1 U	--	4.1 U	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-11	RD-11	RD-11	RD-12	RD-12	RD-12	RD-32
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-11_012411_01	RD-11_041111_01	RD-11_071911_01	RD-12_012411_01	RD-12_041111_01	RD-12_071911_01	RD-32_020111_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/24/2011	4/11/2011	7/19/2011	1/24/2011	4/11/2011	7/19/2011	2/1/2011
Analyte (ug/L)	**Method**							
1,2,4,5-Tetrachlorobenzene	**8270C**	--	1.7 U	--	--	1.7 U	--	--
1,2,4-Trichlorobenzene	**8270C**	--	0.27 U	--	--	0.27 U	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	0.29 U	--	--	0.29 U	--	--
1,3-Dinitrobenzene	**8270C**	2 U	2 U	1.9 U	2 U	2 U	1.9 U	--
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	13 U	--	--	14 U	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	2 U	--	--	2 U	--	--
2,4,5-Trichlorophenol	**8270C**	--	0.44 U	--	--	0.44 U	--	--
2,4,6-Trichlorophenol	**8270C**	--	0.28 U	--	--	0.28 U	--	--
2,4-Dichlorophenol	**8270C**	--	0.63 U	--	--	0.63 U	--	--
2,4-Dimethylphenol	**8270C**	--	0.57 U	--	--	0.57 U	--	--
2,4-Dinitrophenol	**8270C**	--	9.8 U	--	--	9.8 U	--	--
2,4-Dinitrotoluene	**8270C**	--	1.6 U	--	--	1.6 U	--	--
2,6-Dichlorophenol	**8270C**	--	1.3 U	--	--	1.3 U	--	--
2,6-Dinitrotoluene	**8270C**	--	1.8 U	--	--	1.9 U	--	--
2-Chloronaphthalene	**8270C**	--	0.25 U	--	--	0.26 U	--	--
2-Chlorophenol	**8270C**	--	2 U	--	--	2 U	--	--
2-Methylnaphthalene	**8270C**	--	0.28 U	--	--	0.28 U	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	1.7 U	--	--	1.7 U	--	--
2-Nitrophenol	**8270C**	--	0.38 U	--	--	0.38 U	--	--
3,3'-Dichlorobenzidine	**8270C**	--	2 U	--	--	2 U	--	--
3-Methylcholanthrene	**8270C**	--	1.7 U	--	--	1.7 U	--	--
3-Nitroaniline	**8270C**	--	2 U	--	--	2 U	--	--
4,6-Dinitro-o-cresol	**8270C**	--	3.9 U	--	--	3.9 U	--	--
4-Aminobiphenyl	**8270C**	--	4.4 U	--	--	4.4 U	--	--
4-Bromophenylphenylether	**8270C**	--	0.42 U	--	--	0.42 U	--	--
4-Chlorophenylphenylether	**8270C**	--	1.6 U	--	--	1.6 U	--	--
4-Nitrophenol	**8270C**	--	1.2 U	--	--	1.2 U	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	20 U	--	--	20 U	--	--
5-Nitro-o-toluidine	**8270C**	--	1.4 U	--	--	1.4 U	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	1.5 U	--	--	1.5 U	--	--
Acenaphthene	**8270C**	--	0.27 U	--	--	0.27 U	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	0.48 U	--	--	0.48 U	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	6.8 U	--	--	6.9 U	--	--
Acetophenone	**8270C**	--	0.23 U	--	--	0.24 U	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	20 U	--	--	20 U	--	--
alpha-Naphthylamine	**8270C**	--	3 U	--	--	3 U	--	--
alpha-Picoline	**8270C**	--	1.2 U	--	--	1.2 U	--	--
Aniline	**8270C**	--	2 U	--	--	2 U	--	--
Anthracene	**8270C**	0.42 U	0.41 U	0.4 U	0.42 U	0.41 U	0.4 U	--
Anthracene	**8270C SIM**	--	--	--	--	--	--	--
Aramite	**8270C**	--	9 U	--	--	9 U	--	--
Benzidine	**8270C**	--	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	0.34 U	--	--	0.34 U	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	0.3 U	--	--	0.3 U	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	0.52 U	--	--	0.52 U	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	0.49 U	--	--	0.49 U	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	0.45 U	--	--	0.45 U	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	0.22 U	--	--	0.23 U	--	--
beta-Naphthylamine	**8270C**	--	3 U	--	--	3 U	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	0.95 U	--	--	0.95 U	--	--
bis(2-Chloroethyl)ether	**8270C**	--	0.4 U	--	--	0.4 U	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	0.27 U	--	--	0.27 U	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	--	0.55 U	--	--	0.55 U	--	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	0.98 U	--	--	0.98 U	--	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--	--
Chrysene	**8270C**	--	0.53 U	--	--	0.53 U	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	0.5 U	--	--	0.5 U	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-11	RD-11	RD-11	RD-12	RD-12	RD-12	RD-32
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-11_012411_01	RD-11_041111_01	RD-11_071911_01	RD-12_012411_01	RD-12_041111_01	RD-12_071911_01	RD-32_020111_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/24/2011	4/11/2011	7/19/2011	1/24/2011	4/11/2011	7/19/2011	2/1/2011
Analyte (ug/L)	**Method**							
Dibenzofuran	**8270C**	--	0.28 U	--	--	0.28 U	--	--
Diethylphthalate	**8270C**	--	0.37 U	--	--	0.37 U	--	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	0.21 U	--	--	0.21 U	--	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	1.1 U	--	--	1.1 U	--	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	0.34 U	--	--	0.34 U	--	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Diphenylamine	**8270C**	--	1 U	--	--	1 U	--	--
Ethylmethanesulfonate	**8270C**	--	0.92 U	--	--	0.93 U	--	--
Fluoranthene	**8270C**	--	0.2 U	--	--	0.2 U	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--	--
Fluorene	**8270C**	--	0.3 U	--	--	0.3 U	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	50 U	--	--	50 U	--
Formaldehyde	**8315A**	8.4 U	8.4 U	--	9.7 J	8.4 U	--	--
Hexachlorobenzene	**8270C**	--	0.64 U	--	--	0.65 U	--	--
Hexachlorobutadiene	**8270C**	--	3.2 U	--	--	3.2 U	--	--
Hexachlorocyclopentadiene	**8270C**	--	1.5 U	--	--	1.5 U	--	--
Hexachloroethane	**8270C**	--	2.1 U	--	--	2.1 U	--	--
Hexachlorophene	**8321A**	--	0.49 U	--	--	0.49 U	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	2 U	--	--	2 U	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	0.64 U	--	--	0.64 U	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--	--
Isodrin	**8270C**	--	1.7 U	--	--	1.7 U	--	--
Isophorone	**8270C**	--	0.21 U	--	--	0.21 U	--	--
Isosafrole	**8270C**	--	0.98 U	--	--	0.98 U	--	--
Kepone	**8270C**	--	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--	--
m-Cresol	**8270C**	--	0.24 U	--	--	0.25 U	--	--
Methapyrilene	**8270C**	--	20 U	--	--	20 U	--	--
Methylmethanesulfonate	**8270C**	--	0.98 U	--	--	0.98 U	--	--
Naphthalene	**8270C**	--	0.28 U	--	--	0.28 U	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.81 U	0.79 U	0.78 U	0.81 U	0.8 U	0.77 U	--
n-Nitrosodiethylamine	**8270C**	--	1.7 U	--	--	1.7 U	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	0.28 U	--	--	0.28 U	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	1.2 U	--	--	1.2 U	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	0.34 U	--	--	0.34 U	--	--
n-Nitrosodiphenylamine	**8270C**	--	0.43 U	--	--	0.43 U	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	1.7 U	--	--	1.7 U	--	--
n-Nitrosomorpholine	**8270C**	--	2 U	--	--	2 U	--	--
n-Nitrosopiperidine	**8270C**	--	2 U	--	--	2 U	--	--
n-Nitrosopyrrolidine	**8270C**	--	0.79 U	--	--	0.79 U	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	2 U	--	--	2 U	--	--
o-Cresol	**8270C**	--	0.96 U	--	--	0.96 U	--	--
o-Tolidine	**8270C**	--	3.9 U	--	--	3.9 U	--	--
o-Toluidine	**8270C**	--	1.4 U	--	--	1.4 U	--	--
p-Chloroaniline	**8270C**	--	2.1 U	--	--	2.1 U	--	--
p-Chloro-m-cresol	**8270C**	--	2.4 U	--	--	2.4 U	--	--
p-Cresol	**8270C**	--	0.24 U	--	--	0.25 U	--	--
p-Dimethylaminoazobenzene	**8270C**	--	2 U	--	--	2 U	--	--
Pentachlorobenzene	**8270C**	--	2 U	--	--	2 U	--	--
Pentachloroethane	**8270C**	--	2 U	--	--	2 U	--	--
Pentachloronitrobenzene	**8270C**	--	2 U	--	--	2 U	--	--
Pentachlorophenol	**8270C**	--	0.76 U	--	--	0.77 U	--	--
Phenacetin	**8270C**	--	1.1 U	--	--	1.1 U	--	--
Phenanthrene	**8270C**	--	0.25 U	--	--	0.26 U	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--	--
Phenol	**8270C**	--	2 U	--	--	2 U	--	--
p-Nitroaniline	**8270C**	--	2 U	--	--	2 U	--	--
p-Phenylenediamine	**8270C**	--	4.9 U	--	--	4.9 U	--	--
Pronamide	**8270C**	--	2 U	--	--	2 U	--	--
Pyrene	**8270C**	--	0.36 U	--	--	0.36 U	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--	--
Pyridine	**8270C**	--	1.7 U	--	--	1.7 U	--	--
Safrole	**8270C**	--	1.1 U	--	--	1.1 U	--	--
sym-Trinitrobenzene	**8270C**	--	3.9 U	--	--	3.9 U	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-32	RD-35A	RD-35B	RD-36A	RD-36B	RD-36B
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-32_072811_01	RD-35A_080511_01	RD-35B_080511_01	RD-36A_040711_01	RD-36B_011711_01	RD-36B_040711_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/28/2011	8/5/2011	8/5/2011	4/7/2011	1/17/2011	4/7/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	--	--	--	1.9 U	2.1 U	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	--	--	--	0.74 J	0.58 U	0.53 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	--	--	0.95 U	1 U	0.95 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-32	RD-35A	RD-35B	RD-36A	RD-36B	RD-36B
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-32_072811_01	RD-35A_080511_01	RD-35B_080511_01	RD-36A_040711_01	RD-36B_011711_01	RD-36B_040711_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/28/2011	8/5/2011	8/5/2011	4/7/2011	1/17/2011	4/7/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	--	--	--	2 J	0.39 U	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	--	--	0.2 U	0.22 U	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	--	--	1.1 U	1.2 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	--	--	0.33 U	0.36 U	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	--	--	--	--
Formaldehyde	**8315A**	--	--	--	8.4 U	50 U	8.4 U
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	--	--	--	0.77 U	0.83 U	0.77 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-36B	RD-36C	RD-36C	RD-36C	RD-36D	RD-36D
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-36B_080411_01	RD-36C_011711_01	RD-36C_040711_01	RD-36C_080411_01	RD-36D_011711_01	RD-36D_040711_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/4/2011	1/17/2011	4/7/2011	8/4/2011	1/17/2011	4/7/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8270C	--	--	--	--	--	--
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dinitrobenzene	8270C	2.1 U	1.9 U	2.2 U	2.1 U	2.1 U	2.1 U
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	--	--	--	--
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	--	--
2,4,5-Trichlorophenol	8270C	--	--	--	--	--	--
2,4,6-Trichlorophenol	8270C	--	--	--	--	--	--
2,4-Dichlorophenol	8270C	--	--	--	--	--	--
2,4-Dimethylphenol	8270C	--	--	--	--	--	--
2,4-Dinitrophenol	8270C	--	--	--	--	--	--
2,4-Dinitrotoluene	8270C	--	--	--	--	--	--
2,6-Dichlorophenol	8270C	--	--	--	--	--	--
2,6-Dinitrotoluene	8270C	--	--	--	--	--	--
2-Chloronaphthalene	8270C	--	--	--	--	--	--
2-Chlorophenol	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	--	--	--	--
2-Nitrophenol	8270C	--	--	--	--	--	--
3,3'-Dichlorobenzidine	8270C	--	--	--	--	--	--
3-Methylcholanthrene	8270C	--	--	--	--	--	--
3-Nitroaniline	8270C	--	--	--	--	--	--
4,6-Dinitro-o-cresol	8270C	--	--	--	--	--	--
4-Aminobiphenyl	8270C	--	--	--	--	--	--
4-Bromophenylphenylether	8270C	--	--	--	--	--	--
4-Chlorophenylphenylether	8270C	--	--	--	--	--	--
4-Nitrophenol	8270C	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	--	--
5-Nitro-o-toluidine	8270C	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	--	--
Acenaphthene	8270C	--	--	--	--	--	--
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	--	--	--	--
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	--	--	--	--
Acetophenone	8270C	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	--	--
alpha-Naphthylamine	8270C	--	--	--	--	--	--
alpha-Picoline	8270C	--	--	--	--	--	--
Aniline	8270C	--	--	--	--	--	--
Anthracene	8270C	--	--	--	--	--	--
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	--	--	--	--
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	--	--	--	--
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	--	--	--	--
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	--	--	--	--
beta-Naphthylamine	8270C	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	8270C	--	--	--	--	--	--
bis(2-Chloroethyl)ether	8270C	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	8270C	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	8270C	1.8 J	7.8 J	29	4 J	0.72 J	1.4 J
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	1 U	0.95 U	1.1 U	1 U	1 U	1.1 U
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	--	--	--	--
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-36B	RD-36C	RD-36C	RD-36C	RD-36D	RD-36D
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-36B_080411_01	RD-36C_011711_01	RD-36C_040711_01	RD-36C_080411_01	RD-36D_011711_01	RD-36D_040711_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	8/4/2011	1/17/2011	4/7/2011	8/4/2011	1/17/2011	4/7/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	0.39 U	0.36 U	0.42 U	0.4 U	0.4 U	0.4 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.22 U	0.2 U	0.23 U	0.22 U	0.22 U	0.22 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.2 U	1.1 U	1.3 U	1.2 U	1.2 U	1.2 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.36 U	0.33 U	0.38 U	0.37 U	0.37 U	0.39 J
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	50 U	--	--	50 U	--	--
Formaldehyde	**8315A**	--	50 U	8.4 U	--	50 U	8.4 U
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.84 U	0.77 U	0.89 U	0.85 U	0.85 U	0.85 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-36D	RD-37	RD-37	RD-37	RD-37	RD-38B
SampleType:		Primary	Primary	Field Duplicate	Primary	Primary	Primary
Sample Name:		RD-36D_080411_01	RD-37_011911_01	RD-37_011911_36	RD-37_040811_01	RD-37_080311_01	RD-38B_020211_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/4/2011	1/19/2011	1/19/2011	4/8/2011	8/3/2011	2/2/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8270C	--	--	--	--	--	--
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dinitrobenzene	8270C	1.9 U	2 U	2 U	2 U	1.9 U	2 U
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	--	--	--	--
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	--	--
2,4,5-Trichlorophenol	8270C	--	--	--	--	--	--
2,4,6-Trichlorophenol	8270C	--	--	--	--	--	--
2,4-Dichlorophenol	8270C	--	--	--	--	--	--
2,4-Dimethylphenol	8270C	--	--	--	--	--	--
2,4-Dinitrophenol	8270C	--	--	--	--	--	--
2,4-Dinitrotoluene	8270C	--	--	--	--	--	--
2,6-Dichlorophenol	8270C	--	--	--	--	--	--
2,6-Dinitrotoluene	8270C	--	--	--	--	--	--
2-Chloronaphthalene	8270C	--	--	--	--	--	--
2-Chlorophenol	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	--	--	--	--
2-Nitrophenol	8270C	--	--	--	--	--	--
3,3'-Dichlorobenzidine	8270C	--	--	--	--	--	--
3-Methylcholanthrene	8270C	--	--	--	--	--	--
3-Nitroaniline	8270C	--	--	--	--	--	--
4,6-Dinitro-o-cresol	8270C	--	--	--	--	--	--
4-Aminobiphenyl	8270C	--	--	--	--	--	--
4-Bromophenylphenylether	8270C	--	--	--	--	--	--
4-Chlorophenylphenylether	8270C	--	--	--	--	--	--
4-Nitrophenol	8270C	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	--	--
5-Nitro-o-toluidine	8270C	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	--	--
Acenaphthene	8270C	--	--	--	--	--	--
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	--	--	--	--
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	--	--	--	--
Acetophenone	8270C	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	--	--
alpha-Naphthylamine	8270C	--	--	--	--	--	--
alpha-Picoline	8270C	--	--	--	--	--	--
Aniline	8270C	--	--	--	--	--	--
Anthracene	8270C	--	--	--	--	--	--
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	--	--	--	--
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	--	--	--	--
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	--	--	--	--
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	--	--	--	--
beta-Naphthylamine	8270C	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	8270C	--	--	--	--	--	--
bis(2-Chloroethyl)ether	8270C	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	8270C	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	8270C	1.7 J	0.56 U	0.57 U	0.55 U	0.53 U	0.55 U
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	0.96 U	1 U	1 U	0.98 U	0.95 U	0.99 U
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	--	--	--	--
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-36D	RD-37	RD-37	RD-37	RD-37	RD-38B
SampleType:		Primary	Primary	Field Duplicate	Primary	Primary	Primary
Sample Name:		RD-36D_080411_01	RD-37_011911_01	RD-37_011911_36	RD-37_040811_01	RD-37_080311_01	RD-38B_020211_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/4/2011	1/19/2011	1/19/2011	4/8/2011	8/3/2011	2/2/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	0.36 U	0.38 U	0.39 U	0.37 U	0.36 U	0.38 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.33 U	0.35 U	0.36 U	0.34 U	0.33 U	0.35 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	50 U	--	--	--	50 U	--
Formaldehyde	**8315A**	--	8.4 U	8.4 U	27 J	--	8.4 U
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	0.81 U	0.83 U	0.79 U	0.77 U	0.8 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0054 J
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-38B	RD-38B	RD-38B	RD-38B	RD-39A	RD-39B
SampleType:		Field Duplicate	Primary	Primary	Field Duplicate	Primary	Primary
Sample Name:		RD-38B_020211_36	RD-38B_042211_01	RD-38B_072811_01	RD-38B_072811_36	RD-39A_011911_01	RD-39B_011911_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/2/2011	4/22/2011	7/28/2011	7/28/2011	1/19/2011	1/19/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8270C	--	--	--	--	--	--
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dinitrobenzene	8270C	2 U	1.9 U	1.9 U	1.9 U	2 U	2 U
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	--	--	--	--
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	--	--
2,4,5-Trichlorophenol	8270C	--	--	--	--	--	--
2,4,6-Trichlorophenol	8270C	--	--	--	--	--	--
2,4-Dichlorophenol	8270C	--	--	--	--	--	--
2,4-Dimethylphenol	8270C	--	--	--	--	--	--
2,4-Dinitrophenol	8270C	--	--	--	--	--	--
2,4-Dinitrotoluene	8270C	--	--	--	--	--	--
2,6-Dichlorophenol	8270C	--	--	--	--	--	--
2,6-Dinitrotoluene	8270C	--	--	--	--	--	--
2-Chloronaphthalene	8270C	--	--	--	--	--	--
2-Chlorophenol	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	--	--	--	--
2-Nitrophenol	8270C	--	--	--	--	--	--
3,3'-Dichlorobenzidine	8270C	--	--	--	--	--	--
3-Methylcholanthrene	8270C	--	--	--	--	--	--
3-Nitroaniline	8270C	--	--	--	--	--	--
4,6-Dinitro-o-cresol	8270C	--	--	--	--	--	--
4-Aminobiphenyl	8270C	--	--	--	--	--	--
4-Bromophenylphenylether	8270C	--	--	--	--	--	--
4-Chlorophenylphenylether	8270C	--	--	--	--	--	--
4-Nitrophenol	8270C	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	--	--
5-Nitro-o-toluidine	8270C	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	--	--
Acenaphthene	8270C	--	--	--	--	--	--
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	--	--	--	--
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	--	--	--	--
Acetophenone	8270C	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	--	--
alpha-Naphthylamine	8270C	--	--	--	--	--	--
alpha-Picoline	8270C	--	--	--	--	--	--
Aniline	8270C	--	--	--	--	--	--
Anthracene	8270C	--	--	--	--	--	--
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	--	--	--	--
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	--	--	--	--
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	--	--	--	--
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	--	--	--	--
beta-Naphthylamine	8270C	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	8270C	--	--	--	--	--	--
bis(2-Chloroethyl)ether	8270C	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	8270C	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	8270C	0.55 U	0.53 J	0.61 J	0.54 U	0.57 U	0.56 U
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	0.98 U	0.95 U	0.97 U	0.97 U	1 U	1 U
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	--	--	--	--
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-38B	RD-38B	RD-38B	RD-38B	RD-39A	RD-39B
	SampleType:	Field Duplicate	Primary	Primary	Field Duplicate	Primary	Primary
	Sample Name:	RD-38B_020211_36	RD-38B_042211_01	RD-38B_072811_01	RD-38B_072811_36	RD-39A_011911_01	RD-39B_011911_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/2/2011	4/22/2011	7/28/2011	7/28/2011	1/19/2011	1/19/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	0.37 U	0.36 U	0.37 U	0.37 U	0.39 U	0.38 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.21 U	0.2 U	0.2 U	0.2 U	0.21 U	0.21 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.1 U	1.1 U	1.1 U	1.2 U	1.2 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.34 U	0.33 U	0.34 U	0.34 U	0.36 U	0.35 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	50 U	50 U	--	--
Formaldehyde	**8315A**	8.4 U	50 U	--	--	8.4 U	8.4 U
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.8 U	0.77 U	0.79 U	0.78 U	0.83 U	0.81 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-39B	RD-39B	RD-39B	RD-40	RD-41A	RD-41A
SampleType:		Primary	Field Duplicate	Primary	Primary	Primary	Primary
Sample Name:		RD-39B_040811_01	RD-39B_040811_36	RD-39B_080311_01	RD-40_063011_01	RD-41A_013111_01	RD-41A_041111_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/8/2011	4/8/2011	8/3/2011	6/30/2011	1/31/2011	4/11/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8270C	--	--	--	--	--	--
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dinitrobenzene	8270C	2 U	2 U	1.9 U	--	2.1 U	1.9 U
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	--	--	--	--
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	--	--
2,4,5-Trichlorophenol	8270C	--	--	--	--	--	--
2,4,6-Trichlorophenol	8270C	--	--	--	--	--	--
2,4-Dichlorophenol	8270C	--	--	--	--	--	--
2,4-Dimethylphenol	8270C	--	--	--	--	--	--
2,4-Dinitrophenol	8270C	--	--	--	--	--	--
2,4-Dinitrotoluene	8270C	--	--	--	--	--	--
2,6-Dichlorophenol	8270C	--	--	--	--	--	--
2,6-Dinitrotoluene	8270C	--	--	--	--	--	--
2-Chloronaphthalene	8270C	--	--	--	--	--	--
2-Chlorophenol	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	--	--	--	--
2-Nitrophenol	8270C	--	--	--	--	--	--
3,3'-Dichlorobenzidine	8270C	--	--	--	--	--	--
3-Methylcholanthrene	8270C	--	--	--	--	--	--
3-Nitroaniline	8270C	--	--	--	--	--	--
4,6-Dinitro-o-cresol	8270C	--	--	--	--	--	--
4-Aminobiphenyl	8270C	--	--	--	--	--	--
4-Bromophenylphenylether	8270C	--	--	--	--	--	--
4-Chlorophenylphenylether	8270C	--	--	--	--	--	--
4-Nitrophenol	8270C	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	--	--
5-Nitro-o-toluidine	8270C	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	--	--
Acenaphthene	8270C	--	--	--	--	--	--
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	--	--	--	--
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	--	--	--	--
Acetophenone	8270C	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	--	--
alpha-Naphthylamine	8270C	--	--	--	--	--	--
alpha-Picoline	8270C	--	--	--	--	--	--
Aniline	8270C	--	--	--	--	--	--
Anthracene	8270C	--	--	--	--	--	--
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	--	--	--	--
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	--	--	--	--
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	--	--	--	--
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	--	--	--	--
beta-Naphthylamine	8270C	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	8270C	--	--	--	--	--	--
bis(2-Chloroethyl)ether	8270C	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	8270C	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	8270C	0.56 U	0.57 U	0.53 U	--	--	--
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	1 U	1 U	0.95 U	--	--	--
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	--	--	--	--
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-39B	RD-39B	RD-39B	RD-40	RD-41A	RD-41A
SampleType:		Primary	Field Duplicate	Primary	Primary	Primary	Primary
Sample Name:		RD-39B_040811_01	RD-39B_040811_36	RD-39B_080311_01	RD-40_063011_01	RD-41A_013111_01	RD-41A_041111_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/8/2011	4/8/2011	8/3/2011	6/30/2011	1/31/2011	4/11/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	0.38 U	0.39 U	0.36 U	--	--	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.21 U	0.21 U	0.2 U	--	--	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.2 U	1.2 U	1.1 U	--	--	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.35 U	0.36 U	0.33 U	--	--	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	50 U	--	--	--
Formaldehyde	**8315A**	20 J	18 J	--	--	8.4 U	8.4 U
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.81 U	0.82 U	0.77 U	--	0.84 U	0.79 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-42	RD-43A	RD-43A	RD-43A	RD-43B	RD-43B
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-42_063011_01	RD-43A_020211_01	RD-43A_042211_01	RD-43A_080511_01	RD-43B_020111_01	RD-43B_042211_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	6/30/2011	2/2/2011	4/22/2011	8/5/2011	2/1/2011	4/22/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	--	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	--	0.53 U	0.53 U	1.8 J	0.53 U	0.54 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	0.95 U	0.96 U	0.96 U	0.95 U	0.96 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-42	RD-43A	RD-43A	RD-43A	RD-43B	RD-43B
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-42_063011_01	RD-43A_020211_01	RD-43A_042211_01	RD-43A_080511_01	RD-43B_020111_01	RD-43B_042211_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		6/30/2011	2/2/2011	4/22/2011	8/5/2011	2/1/2011	4/22/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	--	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	0.33 U	0.33 U	0.34 U	0.33 U	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	--	50 U	--	--
Formaldehyde	**8315A**	--	8.4 U	8.4 U	--	8.4 U	50 U
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	--	0.77 U	0.77 U	0.78 U	0.77 U	0.78 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-43B	RD-43C	RD-43C	RD-43C	RD-43C	RD-44
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate	Primary
Sample Name:		RD-43B_080411_01	RD-43C_020211_01	RD-43C_042211_01	RD-43C_080411_01	RD-43C_080411_36	RD-44_020711_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/4/2011	2/2/2011	4/22/2011	8/4/2011	8/4/2011	2/7/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8270C	--	--	--	--	--	--
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dinitrobenzene	8270C	1.9 U	2 U	1.9 U	2 U	2 U	--
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	--	--	--	--
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	--	--
2,4,5-Trichlorophenol	8270C	--	--	--	--	--	--
2,4,6-Trichlorophenol	8270C	--	--	--	--	--	--
2,4-Dichlorophenol	8270C	--	--	--	--	--	--
2,4-Dimethylphenol	8270C	--	--	--	--	--	--
2,4-Dinitrophenol	8270C	--	--	--	--	--	--
2,4-Dinitrotoluene	8270C	--	--	--	--	--	--
2,6-Dichlorophenol	8270C	--	--	--	--	--	--
2,6-Dinitrotoluene	8270C	--	--	--	--	--	--
2-Chloronaphthalene	8270C	--	--	--	--	--	--
2-Chlorophenol	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	--	--	--	--
2-Nitrophenol	8270C	--	--	--	--	--	--
3,3'-Dichlorobenzidine	8270C	--	--	--	--	--	--
3-Methylcholanthrene	8270C	--	--	--	--	--	--
3-Nitroaniline	8270C	--	--	--	--	--	--
4,6-Dinitro-o-cresol	8270C	--	--	--	--	--	--
4-Aminobiphenyl	8270C	--	--	--	--	--	--
4-Bromophenylphenylether	8270C	--	--	--	--	--	--
4-Chlorophenylphenylether	8270C	--	--	--	--	--	--
4-Nitrophenol	8270C	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	--	--
5-Nitro-o-toluidine	8270C	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	--	--
Acenaphthene	8270C	--	--	--	--	--	--
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	--	--	--	--
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	--	--	--	--
Acetophenone	8270C	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	--	--
alpha-Naphthylamine	8270C	--	--	--	--	--	--
alpha-Picoline	8270C	--	--	--	--	--	--
Aniline	8270C	--	--	--	--	--	--
Anthracene	8270C	--	--	--	--	--	--
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	--	--	--	--
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	--	--	--	--
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	--	--	--	--
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	--	--	--	--
beta-Naphthylamine	8270C	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	8270C	--	--	--	--	--	--
bis(2-Chloroethyl)ether	8270C	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	8270C	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	8270C	1.9 J	0.55 U	0.54 U	1.8 J	1.7 J	--
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	0.95 U	0.98 U	0.97 U	1 U	0.98 U	--
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	--	--	--	--
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-43B	RD-43C	RD-43C	RD-43C	RD-43C	RD-44
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate	Primary
Sample Name:		RD-43B_080411_01	RD-43C_020211_01	RD-43C_042211_01	RD-43C_080411_01	RD-43C_080411_36	RD-44_020711_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/4/2011	2/2/2011	4/22/2011	8/4/2011	8/4/2011	2/7/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	0.21 U	0.2 U	0.21 U	0.21 U	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.33 U	0.34 U	0.34 U	0.35 U	0.34 U	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	50 U	--	--	50 U	50 U	--
Formaldehyde	**8315A**	--	8.4 U	50 U	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	0.8 U	0.78 U	0.81 U	0.8 U	--
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-44	RD-45A	RD-45A	RD-45A	RD-45A	RD-45A
SampleType:		Primary	Primary	Field Duplicate	Primary	Primary	Field Duplicate
Sample Name:		RD-44_080811_01	RD-45A_012111_01	RD-45A_012111_36	RD-45A_020711_01	RD-45A_042511_01	RD-45A_042511_36
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/8/2011	1/21/2011	1/21/2011	2/7/2011	4/25/2011	4/25/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8270C	--	--	--	--	--	--
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dinitrobenzene	8270C	--	2 U	--	--	1.9 U	--
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	--	--	--	--
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	--	--
2,4,5-Trichlorophenol	8270C	--	--	--	--	--	--
2,4,6-Trichlorophenol	8270C	--	--	--	--	--	--
2,4-Dichlorophenol	8270C	--	--	--	--	--	--
2,4-Dimethylphenol	8270C	--	--	--	--	--	--
2,4-Dinitrophenol	8270C	--	--	--	--	--	--
2,4-Dinitrotoluene	8270C	--	--	--	--	--	--
2,6-Dichlorophenol	8270C	--	--	--	--	--	--
2,6-Dinitrotoluene	8270C	--	--	--	--	--	--
2-Chloronaphthalene	8270C	--	--	--	--	--	--
2-Chlorophenol	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	--	--	--	--
2-Nitrophenol	8270C	--	--	--	--	--	--
3,3'-Dichlorobenzidine	8270C	--	--	--	--	--	--
3-Methylcholanthrene	8270C	--	--	--	--	--	--
3-Nitroaniline	8270C	--	--	--	--	--	--
4,6-Dinitro-o-cresol	8270C	--	--	--	--	--	--
4-Aminobiphenyl	8270C	--	--	--	--	--	--
4-Bromophenylphenylether	8270C	--	--	--	--	--	--
4-Chlorophenylphenylether	8270C	--	--	--	--	--	--
4-Nitrophenol	8270C	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	--	--
5-Nitro-o-toluidine	8270C	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	--	--
Acenaphthene	8270C	--	--	--	--	--	--
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	--	--	--	--
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	--	--	--	--
Acetophenone	8270C	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	--	--
alpha-Naphthylamine	8270C	--	--	--	--	--	--
alpha-Picoline	8270C	--	--	--	--	--	--
Aniline	8270C	--	--	--	--	--	--
Anthracene	8270C	--	--	--	--	--	--
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	--	--	--	--
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	--	--	--	--
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	--	--	--	--
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	--	--	--	--
beta-Naphthylamine	8270C	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	8270C	--	--	--	--	--	--
bis(2-Chloroethyl)ether	8270C	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	8270C	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	8270C	--	0.57 U	--	--	0.53 U	--
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	--	1 U	--	--	0.95 U	--
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	--	--	--	--
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-44	RD-45A	RD-45A	RD-45A	RD-45A	RD-45A
SampleType:		Primary	Primary	Field Duplicate	Primary	Primary	Field Duplicate
Sample Name:		RD-44_080811_01	RD-45A_012111_01	RD-45A_012111_36	RD-45A_020711_01	RD-45A_042511_01	RD-45A_042511_36
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/8/2011	1/21/2011	1/21/2011	2/7/2011	4/25/2011	4/25/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	--	0.39 U	--	--	0.36 U	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	0.21 U	--	--	0.2 U	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	1.2 U	--	--	1.1 U	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	0.36 U	--	--	0.33 U	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	50 U	--	--	--	--	--
Formaldehyde	**8315A**	--	--	--	8.4 U	8.4 U	--
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	--	0.83 U	--	--	0.77 U	--
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.0069	0.0065	--	0.066	0.066
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-45A	RD-45A	RD-45B	RD-45B	RD-45B	RD-45C
	SampleType:	Primary	Field Duplicate	Primary	Primary	Primary	Primary
	Sample Name:	RD-45A_081011_01	RD-45A_081011_36	RD-45B_013111_01	RD-45B_042211_01	RD-45B_081011_01	RD-45C_013111_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	8/10/2011	8/10/2011	1/31/2011	4/22/2011	8/10/2011	1/31/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8270C	--	--	--	--	--	--
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dinitrobenzene	8270C	1.9 U	--	1.9 U	1.9 U	1.9 U	2 U
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	--	--	--	--
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	--	--
2,4,5-Trichlorophenol	8270C	--	--	--	--	--	--
2,4,6-Trichlorophenol	8270C	--	--	--	--	--	--
2,4-Dichlorophenol	8270C	--	--	--	--	--	--
2,4-Dimethylphenol	8270C	--	--	--	--	--	--
2,4-Dinitrophenol	8270C	--	--	--	--	--	--
2,4-Dinitrotoluene	8270C	--	--	--	--	--	--
2,6-Dichlorophenol	8270C	--	--	--	--	--	--
2,6-Dinitrotoluene	8270C	--	--	--	--	--	--
2-Chloronaphthalene	8270C	--	--	--	--	--	--
2-Chlorophenol	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	--	--	--	--
2-Nitrophenol	8270C	--	--	--	--	--	--
3,3'-Dichlorobenzidine	8270C	--	--	--	--	--	--
3-Methylcholanthrene	8270C	--	--	--	--	--	--
3-Nitroaniline	8270C	--	--	--	--	--	--
4,6-Dinitro-o-cresol	8270C	--	--	--	--	--	--
4-Aminobiphenyl	8270C	--	--	--	--	--	--
4-Bromophenylphenylether	8270C	--	--	--	--	--	--
4-Chlorophenylphenylether	8270C	--	--	--	--	--	--
4-Nitrophenol	8270C	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	--	--
5-Nitro-o-toluidine	8270C	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	--	--
Acenaphthene	8270C	--	--	--	--	--	--
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	--	--	--	--
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	--	--	--	--
Acetophenone	8270C	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	--	--
alpha-Naphthylamine	8270C	--	--	--	--	--	--
alpha-Picoline	8270C	--	--	--	--	--	--
Aniline	8270C	--	--	--	--	--	--
Anthracene	8270C	--	--	--	--	--	--
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	--	--	--	--
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	--	--	--	--
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	--	--	--	--
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	--	--	--	--
beta-Naphthylamine	8270C	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	8270C	--	--	--	--	--	--
bis(2-Chloroethyl)ether	8270C	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	8270C	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	8270C	9.5 U	--	0.53 U	0.53 U	9.7 U	0.55 U
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	0.95 U	--	0.95 U	0.95 U	0.97 U	0.99 U
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	--	--	--	--
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-45A	RD-45A	RD-45B	RD-45B	RD-45B	RD-45C
	SampleType:	Primary	Field Duplicate	Primary	Primary	Primary	Primary
	Sample Name:	RD-45A_081011_01	RD-45A_081011_36	RD-45B_013111_01	RD-45B_042211_01	RD-45B_081011_01	RD-45C_013111_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	8/10/2011	8/10/2011	1/31/2011	4/22/2011	8/10/2011	1/31/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	0.36 U	--	0.36 U	0.36 U	0.37 U	0.38 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	--	0.2 U	0.2 U	0.2 U	0.21 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	--	1.1 U	1.1 U	1.1 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.33 U	--	0.33 U	0.33 U	0.34 U	0.35 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	50 U	--	--	--	50 U	--
Formaldehyde	**8315A**	--	--	8.4 U	50 U	--	8.4 U
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	--	0.77 U	0.77 U	0.78 U	0.8 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.11 J	0.16 J	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-45C	RD-45C	RD-46A	RD-46A	RD-46A	RD-46A
SampleType:		Primary	Primary	Primary	Field Duplicate	Primary	Primary
Sample Name:		RD-45C_042211_01	RD-45C_081011_01	RD-46A_012511_01	RD-46A_012511_36	RD-46A_042111_01	RD-46A_080811_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/22/2011	8/10/2011	1/25/2011	1/25/2011	4/21/2011	8/8/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8270C	--	--	--	--	--	--
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dinitrobenzene	8270C	2 U	1.9 U	2 U	--	1.9 U	2 U
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	--	--	--	--
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	--	--
2,4,5-Trichlorophenol	8270C	--	--	--	--	--	--
2,4,6-Trichlorophenol	8270C	--	--	--	--	--	--
2,4-Dichlorophenol	8270C	--	--	--	--	--	--
2,4-Dimethylphenol	8270C	--	--	--	--	--	--
2,4-Dinitrophenol	8270C	--	--	--	--	--	--
2,4-Dinitrotoluene	8270C	--	--	--	--	--	--
2,6-Dichlorophenol	8270C	--	--	--	--	--	--
2,6-Dinitrotoluene	8270C	--	--	--	--	--	--
2-Chloronaphthalene	8270C	--	--	--	--	--	--
2-Chlorophenol	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	--	--	--	--
2-Nitrophenol	8270C	--	--	--	--	--	--
3,3'-Dichlorobenzidine	8270C	--	--	--	--	--	--
3-Methylcholanthrene	8270C	--	--	--	--	--	--
3-Nitroaniline	8270C	--	--	--	--	--	--
4,6-Dinitro-o-cresol	8270C	--	--	--	--	--	--
4-Aminobiphenyl	8270C	--	--	--	--	--	--
4-Bromophenylphenylether	8270C	--	--	--	--	--	--
4-Chlorophenylphenylether	8270C	--	--	--	--	--	--
4-Nitrophenol	8270C	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	--	--
5-Nitro-o-toluidine	8270C	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	--	--
Acenaphthene	8270C	--	--	--	--	--	--
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	--	--	--	--
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	--	--	--	--
Acetophenone	8270C	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	--	--
alpha-Naphthylamine	8270C	--	--	--	--	--	--
alpha-Picoline	8270C	--	--	--	--	--	--
Aniline	8270C	--	--	--	--	--	--
Anthracene	8270C	--	--	--	--	--	--
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	--	--	--	--
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	--	--	--	--
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	--	--	--	--
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	--	--	--	--
beta-Naphthylamine	8270C	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	8270C	--	--	--	--	--	--
bis(2-Chloroethyl)ether	8270C	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	8270C	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	8270C	0.57 U	9.5 U	0.56 U	--	0.53 U	9.8 U
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	1 U	0.95 U	1 U	--	0.95 U	0.98 U
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	--	--	--	--
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-45C	RD-45C	RD-46A	RD-46A	RD-46A	RD-46A
	SampleType:	Primary	Primary	Primary	Field Duplicate	Primary	Primary
	Sample Name:	RD-45C_042211_01	RD-45C_081011_01	RD-46A_012511_01	RD-46A_012511_36	RD-46A_042111_01	RD-46A_080811_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	4/22/2011	8/10/2011	1/25/2011	1/25/2011	4/21/2011	8/8/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	0.39 U	0.38 J	0.38 U	--	0.36 U	1.3 J
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.21 U	0.2 U	0.21 U	--	0.2 U	0.21 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.2 U	1.1 U	1.2 U	--	1.1 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.36 U	0.33 U	0.35 U	--	0.33 U	0.34 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	50 U	--	--	--	50 U
Formaldehyde	**8315A**	50 U	--	8.4 U	--	8.4 U	--
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.82 U	0.77 U	0.81 U	--	0.77 U	0.79 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.0096	0.005 U	0.005 U	0.005 UJ
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-46B	RD-46B	RD-46B	RD-48A	RD-48A	RD-48A
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-46B_012511_01	RD-46B_042111_01	RD-46B_080811_01	RD-48A_011811_01	RD-48A_040611_01	RD-48A_080111_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/25/2011	4/21/2011	8/8/2011	1/18/2011	4/6/2011	8/1/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	2 U	1.9 U	1.9 U	2.1 U	2.2 U	2.2 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	0.56 U	0.54 U	9.5 U	12	0.88 J	11 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	1 U	0.96 U	0.95 U	1.1 U	1.1 U	1.1 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-46B	RD-46B	RD-46B	RD-48A	RD-48A	RD-48A
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-46B_012511_01	RD-46B_042111_01	RD-46B_080811_01	RD-48A_011811_01	RD-48A_040611_01	RD-48A_080111_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/25/2011	4/21/2011	8/8/2011	1/18/2011	4/6/2011	8/1/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	0.38 U	0.36 U	1.7 J	0.4 U	0.42 U	0.42 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.21 U	0.2 U	0.2 U	0.22 U	0.23 U	0.23 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.2 U	1.1 U	1.1 U	1.2 U	1.3 U	1.3 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.35 U	0.33 U	2.3 J	0.37 U	0.39 U	0.38 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	50 U	--	--	50 U
Formaldehyde	**8315A**	34 J	11 J	--	8.4 U	8.4 U	--
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.81 U	0.77 U	0.77 U	0.85 U	0.9 U	0.88 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-48B	RD-48B	RD-48B	RD-48C	RD-48C	RD-48C
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-48B_011811_01	RD-48B_040611_01	RD-48B_080111_01	RD-48C_020111_01	RD-48C_042211_01	RD-48C_080111_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/18/2011	4/6/2011	8/1/2011	2/1/2011	4/22/2011	8/1/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8270C	--	--	--	--	--	--
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dinitrobenzene	8270C	2.2 U	2.1 U	2.1 U	1.9 U	1.9 U	1.9 U
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	--	--	--	--
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	--	--
2,4,5-Trichlorophenol	8270C	--	--	--	--	--	--
2,4,6-Trichlorophenol	8270C	--	--	--	--	--	--
2,4-Dichlorophenol	8270C	--	--	--	--	--	--
2,4-Dimethylphenol	8270C	--	--	--	--	--	--
2,4-Dinitrophenol	8270C	--	--	--	--	--	--
2,4-Dinitrotoluene	8270C	--	--	--	--	--	--
2,6-Dichlorophenol	8270C	--	--	--	--	--	--
2,6-Dinitrotoluene	8270C	--	--	--	--	--	--
2-Chloronaphthalene	8270C	--	--	--	--	--	--
2-Chlorophenol	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	--	--	--	--
2-Nitrophenol	8270C	--	--	--	--	--	--
3,3'-Dichlorobenzidine	8270C	--	--	--	--	--	--
3-Methylcholanthrene	8270C	--	--	--	--	--	--
3-Nitroaniline	8270C	--	--	--	--	--	--
4,6-Dinitro-o-cresol	8270C	--	--	--	--	--	--
4-Aminobiphenyl	8270C	--	--	--	--	--	--
4-Bromophenylphenylether	8270C	--	--	--	--	--	--
4-Chlorophenylphenylether	8270C	--	--	--	--	--	--
4-Nitrophenol	8270C	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	--	--
5-Nitro-o-toluidine	8270C	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	--	--
Acenaphthene	8270C	--	--	--	--	--	--
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	--	--	--	--
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	--	--	--	--
Acetophenone	8270C	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	--	--
alpha-Naphthylamine	8270C	--	--	--	--	--	--
alpha-Picoline	8270C	--	--	--	--	--	--
Aniline	8270C	--	--	--	--	--	--
Anthracene	8270C	--	--	--	--	--	--
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	--	--	--	--
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	--	--	--	--
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	--	--	--	--
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	--	--	--	--
beta-Naphthylamine	8270C	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	8270C	--	--	--	--	--	--
bis(2-Chloroethyl)ether	8270C	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	8270C	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	8270C	0.61 U	0.59 U	11 U	0.54 U	0.54 U	9.6 U
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	1.1 U	1.1 U	1.1 U	0.96 U	0.96 U	0.96 U
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	--	--	--	--
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-48B	RD-48B	RD-48B	RD-48C	RD-48C	RD-48C
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-48B_011811_01	RD-48B_040611_01	RD-48B_080111_01	RD-48C_020111_01	RD-48C_042211_01	RD-48C_080111_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/18/2011	4/6/2011	8/1/2011	2/1/2011	4/22/2011	8/1/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	0.41 U	0.4 U	0.5 J	0.36 U	0.37 U	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.23 U	0.22 U	0.22 U	0.2 U	0.2 U	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.3 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.38 U	11 U	0.37 U	0.34 U	0.34 U	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	50 U	--	--	50 U
Formaldehyde	**8315A**	8.4 U	8.4 U	--	8.4 U	50 U	--
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.88 U	0.86 U	0.86 U	0.78 U	0.78 U	0.77 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-49A	RD-49A	RD-49A	RD-49B	RD-49B	RD-49B
	SampleType:	Primary	Primary	Primary	Primary	Field Duplicate	Primary
	Sample Name:	RD-49A_012811_01	RD-49A_041511_01	RD-49A_071311_01	RD-49B_012111_01	RD-49B_012111_36	RD-49B_020411_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/28/2011	4/15/2011	7/13/2011	1/21/2011	1/21/2011	2/4/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	2 U	2 U	--	1.9 U	--	--
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	--	2.6 J	1.4 J	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	0.99 U	0.96 U	--	--	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-49A	RD-49A	RD-49A	RD-49B	RD-49B	RD-49B
	SampleType:	Primary	Primary	Primary	Primary	Field Duplicate	Primary
	Sample Name:	RD-49A_012811_01	RD-49A_041511_01	RD-49A_071311_01	RD-49B_012111_01	RD-49B_012111_36	RD-49B_020411_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/28/2011	4/15/2011	7/13/2011	1/21/2011	1/21/2011	2/4/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	--	0.38 U	0.36 U	--	--	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	0.21 U	0.2 U	--	--	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	1.1 U	1.1 U	--	--	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	0.35 U	0.34 U	--	--	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	--	--	--	--
Formaldehyde	**8315A**	8.4 U	17 J	--	--	--	8.4 U
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.81 U	0.8 U	--	0.77 U	--	--
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	--	0.043	0.04	--
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-49B	RD-49B	RD-49B	RD-49C	RD-49C	RD-49C
SampleType:		Primary	Field Duplicate	Primary	Primary	Field Duplicate	Primary
Sample Name:		RD-49B_041511_01	RD-49B_041511_36	RD-49B_071411_01	RD-49C_012111_01	RD-49C_012111_36	RD-49C_020411_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/15/2011	4/15/2011	7/14/2011	1/21/2011	1/21/2011	2/4/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8270C	--	--	--	--	--	--
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dinitrobenzene	8270C	2 U	2 U	--	2 U	--	--
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	--	--	--	--
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	--	--
2,4,5-Trichlorophenol	8270C	--	--	--	--	--	--
2,4,6-Trichlorophenol	8270C	--	--	--	--	--	--
2,4-Dichlorophenol	8270C	--	--	--	--	--	--
2,4-Dimethylphenol	8270C	--	--	--	--	--	--
2,4-Dinitrophenol	8270C	--	--	--	--	--	--
2,4-Dinitrotoluene	8270C	--	--	--	--	--	--
2,6-Dichlorophenol	8270C	--	--	--	--	--	--
2,6-Dinitrotoluene	8270C	--	--	--	--	--	--
2-Chloronaphthalene	8270C	--	--	--	--	--	--
2-Chlorophenol	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	--	--	--	--
2-Nitrophenol	8270C	--	--	--	--	--	--
3,3'-Dichlorobenzidine	8270C	--	--	--	--	--	--
3-Methylcholanthrene	8270C	--	--	--	--	--	--
3-Nitroaniline	8270C	--	--	--	--	--	--
4,6-Dinitro-o-cresol	8270C	--	--	--	--	--	--
4-Aminobiphenyl	8270C	--	--	--	--	--	--
4-Bromophenylphenylether	8270C	--	--	--	--	--	--
4-Chlorophenylphenylether	8270C	--	--	--	--	--	--
4-Nitrophenol	8270C	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	--	--
5-Nitro-o-toluidine	8270C	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	--	--
Acenaphthene	8270C	--	--	--	--	--	--
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	--	--	--	--
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	--	--	--	--
Acetophenone	8270C	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	--	--
alpha-Naphthylamine	8270C	--	--	--	--	--	--
alpha-Picoline	8270C	--	--	--	--	--	--
Aniline	8270C	--	--	--	--	--	--
Anthracene	8270C	--	--	--	--	--	--
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	--	--	--	--
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	--	--	--	--
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	--	--	--	--
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	--	--	--	--
beta-Naphthylamine	8270C	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	8270C	--	--	--	--	--	--
bis(2-Chloroethyl)ether	8270C	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	8270C	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	8270C	2.5 J	2.1 J	9.5 U	--	--	--
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	1 U	1 U	0.95 U	--	--	--
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	--	--	--	--
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-49B	RD-49B	RD-49B	RD-49C	RD-49C	RD-49C
	SampleType:	Primary	Field Duplicate	Primary	Primary	Field Duplicate	Primary
	Sample Name:	RD-49B_041511_01	RD-49B_041511_36	RD-49B_071411_01	RD-49C_012111_01	RD-49C_012111_36	RD-49C_020411_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	4/15/2011	4/15/2011	7/14/2011	1/21/2011	1/21/2011	2/4/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	0.38 U	0.39 U	0.36 U	--	--	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.21 U	0.21 U	0.2 U	--	--	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.2 U	1.2 U	1.1 U	--	--	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	2.4 J	0.36 U	0.33 U	--	--	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	--	--	--	--
Formaldehyde	**8315A**	15 J	9.5 J	--	--	--	22 J
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.81 U	0.83 U	--	0.8 U	--	--
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.038	0.039	--	0.026	0.019	--
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-49C	RD-49C	RD-49C	RD-49C	RD-51A	RD-51A
SampleType:		Primary	Field Duplicate	Primary	Field Duplicate	Primary	Primary
Sample Name:		RD-49C_041511_01	RD-49C_041511_36	RD-49C_080511_01	RD-49C_080511_36	RD-51A_011811_01	RD-51A_040811_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/15/2011	4/15/2011	8/5/2011	8/5/2011	1/18/2011	4/8/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	1.7 U	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	0.28 U	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	0.3 U	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	2 U	--	1.9 U	--	2.1 U	2 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	14 U	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	2 U	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	0.45 U	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	0.29 U	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	0.64 U	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	0.58 U	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	9.9 U	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	1.6 U	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	1.3 U	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	1.9 U	--	--	--	--	--
2-Chloronaphthalene	**8270C**	0.26 U	--	--	--	--	--
2-Chlorophenol	**8270C**	2 U	--	--	--	--	--
2-Methylnaphthalene	**8270C**	0.29 U	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	1.7 U	--	--	--	--	--
2-Nitrophenol	**8270C**	0.39 U	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	2 U	--	--	--	--	--
3-Methylcholanthrene	**8270C**	1.7 U	--	--	--	--	--
3-Nitroaniline	**8270C**	2 U	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	4 U	--	--	--	--	--
4-Aminobiphenyl	**8270C**	4.5 U	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	0.43 U	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	1.6 U	--	--	--	--	--
4-Nitrophenol	**8270C**	1.2 U	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	20 U	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	1.4 U	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	1.5 U	--	--	--	--	--
Acenaphthene	**8270C**	0.28 U	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	0.49 U	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	6.9 U	--	--	--	--	--
Acetophenone	**8270C**	0.24 U	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	20 U	--	--	--	--	--
alpha-Naphthylamine	**8270C**	3.1 U	--	--	--	--	--
alpha-Picoline	**8270C**	1.2 U	--	--	--	--	--
Aniline	**8270C**	2 U	--	--	--	--	--
Anthracene	**8270C**	0.42 U	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	9.1 U	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	0.35 U	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	0.31 U	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	0.53 U	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	0.5 U	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	0.46 U	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	0.23 U	--	--	--	--	--
beta-Naphthylamine	**8270C**	3.1 U	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	0.96 U	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	0.41 U	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	0.28 U	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	2 J	--	1.7 J	--	0.59 U	10 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.99 U	--	0.96 U	--	1 U	1 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	0.54 U	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	0.51 U	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-49C	RD-49C	RD-49C	RD-49C	RD-51A	RD-51A
	SampleType:	Primary	Field Duplicate	Primary	Field Duplicate	Primary	Primary
	Sample Name:	RD-49C_041511_01	RD-49C_041511_36	RD-49C_080511_01	RD-49C_080511_36	RD-51A_011811_01	RD-51A_040811_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	4/15/2011	4/15/2011	8/5/2011	8/5/2011	1/18/2011	4/8/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	0.29 U	--	--	--	--	--
Diethylphthalate	**8270C**	0.38 U	--	0.36 U	--	0.4 U	0.39 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.21 U	--	0.2 U	--	0.22 U	0.21 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.2 U	--	1.1 U	--	1.2 U	1.2 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.35 U	--	0.33 U	--	0.37 U	0.36 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	1.1 U	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	0.94 U	--	--	--	--	--
Fluoranthene	**8270C**	0.2 U	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	0.31 U	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	50 U	--	--	--
Formaldehyde	**8315A**	22 J	--	--	--	8.4 U	8.4 U
Hexachlorobenzene	**8270C**	0.66 U	--	--	--	--	--
Hexachlorobutadiene	**8270C**	3.3 U	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	1.5 U	--	--	--	--	--
Hexachloroethane	**8270C**	2.1 U	--	--	--	--	--
Hexachlorophene	**8321A**	0.49 U	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	2 U	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	0.65 U	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	1.8 U	--	--	--	--	--
Isophorone	**8270C**	0.21 U	--	--	--	--	--
Isosafrole	**8270C**	0.99 U	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	0.25 U	--	--	--	--	--
Methapyrilene	**8270C**	20 U	--	--	--	--	--
Methylmethanesulfonate	**8270C**	0.99 U	--	--	--	--	--
Naphthalene	**8270C**	0.29 U	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.8 U	--	0.77 U	--	0.85 U	0.83 U
n-Nitrosodiethylamine	**8270C**	1.7 U	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.011	0.014	0.011	0.013	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	0.29 U	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	1.2 U	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	0.35 U	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	0.44 U	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	1.7 U	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	2 U	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	2 U	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	0.8 U	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	2 U	--	--	--	--	--
o-Cresol	**8270C**	0.97 U	--	--	--	--	--
o-Tolidine	**8270C**	4 U	--	--	--	--	--
o-Toluidine	**8270C**	1.4 U	--	--	--	--	--
p-Chloroaniline	**8270C**	2.1 U	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	2.4 U	--	--	--	--	--
p-Cresol	**8270C**	0.25 U	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	2 U	--	--	--	--	--
Pentachlorobenzene	**8270C**	2 U	--	--	--	--	--
Pentachloroethane	**8270C**	2 U	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	2 U	--	--	--	--	--
Pentachlorophenol	**8270C**	0.79 U	--	--	--	--	--
Phenacetin	**8270C**	1.1 U	--	--	--	--	--
Phenanthrene	**8270C**	0.26 U	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	2 U	--	--	--	--	--
p-Nitroaniline	**8270C**	2 U	--	--	--	--	--
p-Phenylenediamine	**8270C**	5 U	--	--	--	--	--
Pronamide	**8270C**	2 U	--	--	--	--	--
Pyrene	**8270C**	0.37 U	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	1.7 U	--	--	--	--	--
Safrole	**8270C**	1.1 U	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	4 U	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-51A	RD-51B	RD-51B	RD-51B	RD-51B	RD-51B
	SampleType:	Primary	Primary	Primary	Field Duplicate	Primary	Field Duplicate
	Sample Name:	RD-51A_080311_01	RD-51B_012611_01	RD-51B_041311_01	RD-51B_041311_36	RD-51B_080311_01	RD-51B_080311_36
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	8/3/2011	1/26/2011	4/13/2011	4/13/2011	8/3/2011	8/3/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	2 U	1.9 U	1.9 U	--	1.9 U	--
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	0.55 U	0.54 U	2.4 J	--	0.53 U	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.98 U	0.96 U	0.96 U	--	0.95 U	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-51A	RD-51B	RD-51B	RD-51B	RD-51B	RD-51B
	SampleType:	Primary	Primary	Primary	Field Duplicate	Primary	Field Duplicate
	Sample Name:	RD-51A_080311_01	RD-51B_012611_01	RD-51B_041311_01	RD-51B_041311_36	RD-51B_080311_01	RD-51B_080311_36
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	8/3/2011	1/26/2011	4/13/2011	4/13/2011	8/3/2011	8/3/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	0.37 U	0.36 U	0.37 U	--	0.36 U	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.21 U	0.2 U	0.2 U	--	0.2 U	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.1 U	1.1 U	--	1.1 U	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.34 U	0.34 U	0.34 U	--	0.33 U	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	50 U	--	--	--	50 U	--
Formaldehyde	**8315A**	--	8.4 U	8.4 U	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.79 U	0.78 U	0.78 U	--	0.77 U	--
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.0063	0.005 U	0.0081	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-51C	RD-51C	RD-51C	RD-52A	RD-52A	RD-52A
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-51C_012611_01	RD-51C_041311_01	RD-51C_080311_01	RD-52A_012111_01	RD-52A_042011_01	RD-52A_042511_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/26/2011	4/13/2011	8/3/2011	1/21/2011	4/20/2011	4/25/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	1.9 U	1.9 U	2 U	2 U	--	2 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	0.54 U	0.54 U	0.56 U	0.55 U	--	0.55 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.96 U	0.97 U	1 U	0.98 U	--	0.98 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	**RD-51C**	**RD-51C**	**RD-51C**	**RD-52A**	**RD-52A**	**RD-52A**
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-51C_012611_01	RD-51C_041311_01	RD-51C_080311_01	RD-52A_012111_01	RD-52A_042011_01	RD-52A_042511_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/26/2011	4/13/2011	8/3/2011	1/21/2011	4/20/2011	4/25/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	0.36 U	0.37 U	0.38 U	0.37 U	--	0.37 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	0.2 U	0.21 U	0.21 U	--	0.21 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.1 U	1.2 U	1.1 U	--	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.33 U	0.34 U	0.35 U	0.34 U	--	0.34 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	50 U	--	--	--
Formaldehyde	**8315A**	8.4 U	8.4 U	--	--	8.4 U	--
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	0.79 U	0.82 U	0.79 U	--	0.8 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	--
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-52A	RD-52B	RD-52B	RD-52B	RD-52C	RD-52C
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-52A_071811_01	RD-52B_013111_01	RD-52B_042011_01	RD-52B_071511_01	RD-52C_013111_01	RD-52C_042011_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/18/2011	1/31/2011	4/20/2011	7/15/2011	1/31/2011	4/20/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8270C	--	--	--	--	--	--
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dinitrobenzene	8270C	2 U	1.9 U	1.9 U	1.9 U	2 U	1.9 U
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	--	--	--	--
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	--	--
2,4,5-Trichlorophenol	8270C	--	--	--	--	--	--
2,4,6-Trichlorophenol	8270C	--	--	--	--	--	--
2,4-Dichlorophenol	8270C	--	--	--	--	--	--
2,4-Dimethylphenol	8270C	--	--	--	--	--	--
2,4-Dinitrophenol	8270C	--	--	--	--	--	--
2,4-Dinitrotoluene	8270C	--	--	--	--	--	--
2,6-Dichlorophenol	8270C	--	--	--	--	--	--
2,6-Dinitrotoluene	8270C	--	--	--	--	--	--
2-Chloronaphthalene	8270C	--	--	--	--	--	--
2-Chlorophenol	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	--	--	--	--
2-Nitrophenol	8270C	--	--	--	--	--	--
3,3'-Dichlorobenzidine	8270C	--	--	--	--	--	--
3-Methylcholanthrene	8270C	--	--	--	--	--	--
3-Nitroaniline	8270C	--	--	--	--	--	--
4,6-Dinitro-o-cresol	8270C	--	--	--	--	--	--
4-Aminobiphenyl	8270C	--	--	--	--	--	--
4-Bromophenylphenylether	8270C	--	--	--	--	--	--
4-Chlorophenylphenylether	8270C	--	--	--	--	--	--
4-Nitrophenol	8270C	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	--	--
5-Nitro-o-toluidine	8270C	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	--	--
Acenaphthene	8270C	--	--	--	--	--	--
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	--	--	--	--
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	--	--	--	--
Acetophenone	8270C	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	--	--
alpha-Naphthylamine	8270C	--	--	--	--	--	--
alpha-Picoline	8270C	--	--	--	--	--	--
Aniline	8270C	--	--	--	--	--	--
Anthracene	8270C	--	--	--	--	--	--
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	--	--	--	--
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	--	--	--	--
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	--	--	--	--
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	--	--	--	--
beta-Naphthylamine	8270C	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	8270C	--	--	--	--	--	--
bis(2-Chloroethyl)ether	8270C	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	8270C	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	8270C	0.56 U	0.54 U	9.5 U	9.5 U	0.56 U	9.5 U
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	1 U	0.96 U	0.95 U	0.95 U	0.99 U	0.95 U
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	--	--	--	--
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-52A	RD-52B	RD-52B	RD-52B	RD-52C	RD-52C
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-52A_071811_01	RD-52B_013111_01	RD-52B_042011_01	RD-52B_071511_01	RD-52C_013111_01	RD-52C_042011_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/18/2011	1/31/2011	4/20/2011	7/15/2011	1/31/2011	4/20/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	0.38 U	0.36 U	0.36 U	0.36 U	0.38 U	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.21 U	0.2 U	0.2 U	0.2 U	0.21 U	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.35 U	0.34 U	0.33 U	0.33 U	0.35 U	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	50 U	--	--	50 U	--	--
Formaldehyde	**8315A**	--	8.4 U	8.4 U	--	8.4 U	--
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.81 U	0.78 U	0.77 U	0.77 U	0.81 U	0.77 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-52C	RD-53	RD-53	RD-55A	RD-55A	RD-55A
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-52C_071311_01	RD-53_042511_01	RD-53_071811_01	RD-55A_011411_01	RD-55A_042611_01	RD-55A_072611_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/13/2011	4/25/2011	7/18/2011	1/14/2011	4/26/2011	7/26/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	1.9 U	1.9 U	2 U	1.9 U	1.9 U	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	0.69 J	0.53 U	0.55 U	--	0.53 U	0.54 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.95 U	0.95 U	0.99 U	--	0.95 U	0.96 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-52C	RD-53	RD-53	RD-55A	RD-55A	RD-55A
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-52C_071311_01	RD-53_042511_01	RD-53_071811_01	RD-55A_011411_01	RD-55A_042611_01	RD-55A_072611_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/13/2011	4/25/2011	7/18/2011	1/14/2011	4/26/2011	7/26/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	0.36 U	0.36 U	0.37 U	--	9.5 U	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	0.2 U	0.21 U	--	0.2 U	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.1 U	1.1 U	--	1.1 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.33 U	0.33 U	0.35 U	--	0.33 U	0.34 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	50 U	--	50 U	--	--	50 U
Formaldehyde	**8315A**	--	8.4 U	--	50 U	11 J	--
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	0.77 U	0.8 U	0.77 U	0.77 U	0.78 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-55B	RD-55B	RD-55B	RD-58A	RD-58A	RD-58A
	SampleType:	Primary	Primary	Primary	Primary	Split	Field Duplicate
	Sample Name:	RD-55B_011411_01	RD-55B_042611_01	RD-55B_072911_01	RD-58A_011411_01	RD-58A_011411_03	RD-58A_011411_38
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Irvine
	Collection Date:	1/14/2011	4/26/2011	7/29/2011	1/14/2011	1/14/2011	1/14/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	1.9 U	1.9 U	2.1 U	1.9 U	3.6 U	--
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	--	0.53 U	11 U	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	0.95 U	1.1 U	--	--	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-55B	RD-55B	RD-55B	RD-58A	RD-58A	RD-58A
SampleType:		Primary	Primary	Primary	Primary	Split	Field Duplicate
Sample Name:		RD-55B_011411_01	RD-55B_042611_01	RD-55B_072911_01	RD-58A_011411_01	RD-58A_011411_03	RD-58A_011411_38
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Irvine
Collection Date:		1/14/2011	4/26/2011	7/29/2011	1/14/2011	1/14/2011	1/14/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	8270C	--	--	--	--	--	--
Diethylphthalate	8270C	--	9.5 U	0.4 U	--	--	--
Diethylphthalate	8270C SIM	--	--	--	--	--	--
Dimethylphthalate	8270C	--	0.2 U	0.22 U	--	--	--
Dimethylphthalate	8270C SIM	--	--	--	--	--	--
Di-n-butylphthalate	8270C	--	1.1 U	1.2 U	--	--	--
Di-n-butylphthalate	8270C SIM	--	--	--	--	--	--
Di-n-octylphthalate	8270C	--	0.33 U	0.37 U	--	--	--
Di-n-octylphthalate	8270C SIM	--	--	--	--	--	--
Diphenylamine	8270C	--	--	--	--	--	--
Ethylmethanesulfonate	8270C	--	--	--	--	--	--
Fluoranthene	8270C	--	--	--	--	--	--
Fluoranthene	8270C SIM	--	--	--	--	--	--
Fluorene	8270C	--	--	--	--	--	--
Fluorene	8270C SIM	--	--	--	--	--	--
Formaldehyde	8315	--	--	50 U	--	--	--
Formaldehyde	8315A	50 U	12 J	--	--	--	--
Hexachlorobenzene	8270C	--	--	--	--	--	--
Hexachlorobutadiene	8270C	--	--	--	--	--	--
Hexachlorocyclopentadiene	8270C	--	--	--	--	--	--
Hexachloroethane	8270C	--	--	--	--	--	--
Hexachlorophene	8321A	--	--	--	--	--	--
Hexachlorophene	8151A	--	--	--	--	--	--
Hexachloropropene	8270C	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	8270C	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	8270C SIM	--	--	--	--	--	--
Isodrin	8270C	--	--	--	--	--	--
Isophorone	8270C	--	--	--	--	--	--
Isosafrole	8270C	--	--	--	--	--	--
Kepone	8270C	--	--	--	--	--	--
m+pCresol	8270C	--	--	--	--	--	--
m-Cresol	8270C	--	--	--	--	--	--
Methapyrilene	8270C	--	--	--	--	--	--
Methylmethanesulfonate	8270C	--	--	--	--	--	--
Naphthalene	8270C	--	--	--	--	--	--
Naphthalene	8270C SIM	--	--	--	--	--	--
Nitrobenzene	8270C	0.77 U	0.77 U	0.86 U	0.77 U	3.1 U	--
n-Nitrosodiethylamine	8270C	--	--	--	--	--	--
n-Nitrosodimethylamine	1625M	0.005 U	0.005 U	0.005 U	0.005 U	0.00077 U	0.00078 U
n-Nitrosodimethylamine	8270C	--	--	--	--	--	--
n-Nitrosodimethylamine	8270C SIM	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	8270C	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	8270C	--	--	--	--	--	--
n-Nitrosodiphenylamine	8270C	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	8270C	--	--	--	--	--	--
n-Nitrosomethylethylamine	8270C	--	--	--	--	--	--
n-Nitrosomorpholine	8270C	--	--	--	--	--	--
n-Nitrosopiperidine	8270C	--	--	--	--	--	--
n-Nitrosopyrrolidine	8270C	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	8270C	--	--	--	--	--	--
o-Cresol	8270C	--	--	--	--	--	--
o-Tolidine	8270C	--	--	--	--	--	--
o-Toluidine	8270C	--	--	--	--	--	--
p-Chloroaniline	8270C	--	--	--	--	--	--
p-Chloro-m-cresol	8270C	--	--	--	--	--	--
p-Cresol	8270C	--	--	--	--	--	--
p-Dimethylaminoazobenzene	8270C	--	--	--	--	--	--
Pentachlorobenzene	8270C	--	--	--	--	--	--
Pentachloroethane	8270C	--	--	--	--	--	--
Pentachloronitrobenzene	8270C	--	--	--	--	--	--
Pentachlorophenol	8270C	--	--	--	--	--	--
Phenacetin	8270C	--	--	--	--	--	--
Phenanthrene	8270C	--	--	--	--	--	--
Phenanthrene	8270C SIM	--	--	--	--	--	--
Phenol	8270C	--	--	--	--	--	--
p-Nitroaniline	8270C	--	--	--	--	--	--
p-Phenylenediamine	8270C	--	--	--	--	--	--
Pronamide	8270C	--	--	--	--	--	--
Pyrene	8270C	--	--	--	--	--	--
Pyrene	8270C SIM	--	--	--	--	--	--
Pyridine	8270C	--	--	--	--	--	--
Safrole	8270C	--	--	--	--	--	--
sym-Trinitrobenzene	8270C	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-58A	RD-58A	RD-58A	RD-58A	RD-58B	RD-58B
	SampleType:	Primary	Primary	Primary	Field Duplicate	Primary	Primary
	Sample Name:	RD-58A_020411_01	RD-58A_040611_01	RD-58A_072511_01	RD-58A_072511_36	RD-58B_011411_01	RD-58B_040611_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/4/2011	4/6/2011	7/25/2011	7/25/2011	1/14/2011	4/6/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	--	2.1 U	2 U	2 U	1.9 U	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	--	0.85 J	0.56 U	0.57 J	--	0.67 J
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	1.1 U	0.99 U	1 U	--	0.97 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-58A	RD-58A	RD-58A	RD-58A	RD-58B	RD-58B
	SampleType:	Primary	Primary	Primary	Field Duplicate	Primary	Primary
	Sample Name:	RD-58A_020411_01	RD-58A_040611_01	RD-58A_072511_01	RD-58A_072511_36	RD-58B_011411_01	RD-58B_040611_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/4/2011	4/6/2011	7/25/2011	7/25/2011	1/14/2011	4/6/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	--	0.4 U	0.38 U	0.39 U	--	0.37 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	0.22 U	0.21 U	0.21 U	--	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	1.2 U	1.2 U	1.2 U	--	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	0.37 U	0.35 U	2.1 J	--	9.7 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	50 U	50 U	--	--
Formaldehyde	**8315A**	8.4 U	8.4 U	--	--	50 U	8.4 U
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	--	0.86 U	0.8 U	0.82 U	0.77 U	0.78 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-58B	RD-58C	RD-58C	RD-58C	RD-58C	RD-66
	SampleType:	Primary	Primary	Field Duplicate	Primary	Primary	Primary
	Sample Name:	RD-58B_072511_01	RD-58C_011411_01	RD-58C_011411_36	RD-58C_040611_01	RD-58C_072511_01	RD-66_020211_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/25/2011	1/14/2011	1/14/2011	4/6/2011	7/25/2011	2/2/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	2 U	2 U	2 U	2 U	1.9 U	--
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	1.2 J	--	--	17	9 J	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.99 U	--	--	0.98 U	0.95 U	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-58B	RD-58C	RD-58C	RD-58C	RD-58C	RD-66
	SampleType:	Primary	Primary	Field Duplicate	Primary	Primary	Primary
	Sample Name:	RD-58B_072511_01	RD-58C_011411_01	RD-58C_011411_36	RD-58C_040611_01	RD-58C_072511_01	RD-66_020211_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/25/2011	1/14/2011	1/14/2011	4/6/2011	7/25/2011	2/2/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	0.38 U	--	--	0.37 U	0.36 U	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.21 U	--	--	0.21 U	0.2 U	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	--	--	1.1 U	1.1 U	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	2 J	--	--	9.8 U	0.33 U	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	50 U	--	--	--	50 U	--
Formaldehyde	**8315A**	--	50 U	50 U	8.4 U	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.8 U	0.81 U	0.79 U	0.79 U	0.77 U	--
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-66	RD-67	RD-67	RD-68A	RD-68A	RD-68A
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-66_080411_01	RD-67_011311_01	RD-67_071911_01	RD-68A_011211_01	RD-68A_041811_01	RD-68A_071111_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	8/4/2011	1/13/2011	7/19/2011	1/12/2011	4/18/2011	7/11/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8270C	--	--	--	--	--	--
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	--	--	--	--
1,3-Dinitrobenzene	8270C	--	--	--	1.9 U	1.9 U	1.9 U
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	--	--	--	--
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	--	--
2,4,5-Trichlorophenol	8270C	--	--	--	--	--	--
2,4,6-Trichlorophenol	8270C	--	--	--	--	--	--
2,4-Dichlorophenol	8270C	--	--	--	--	--	--
2,4-Dimethylphenol	8270C	--	--	--	--	--	--
2,4-Dinitrophenol	8270C	--	--	--	--	--	--
2,4-Dinitrotoluene	8270C	--	--	--	--	--	--
2,6-Dichlorophenol	8270C	--	--	--	--	--	--
2,6-Dinitrotoluene	8270C	--	--	--	--	--	--
2-Chloronaphthalene	8270C	--	--	--	--	--	--
2-Chlorophenol	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C	--	--	--	--	--	--
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	--	--	--	--
2-Nitrophenol	8270C	--	--	--	--	--	--
3,3'-Dichlorobenzidine	8270C	--	--	--	--	--	--
3-Methylcholanthrene	8270C	--	--	--	--	--	--
3-Nitroaniline	8270C	--	--	--	--	--	--
4,6-Dinitro-o-cresol	8270C	--	--	--	--	--	--
4-Aminobiphenyl	8270C	--	--	--	--	--	--
4-Bromophenylphenylether	8270C	--	--	--	--	--	--
4-Chlorophenylphenylether	8270C	--	--	--	--	--	--
4-Nitrophenol	8270C	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	--	--
5-Nitro-o-toluidine	8270C	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	--	--
Acenaphthene	8270C	--	--	--	--	--	--
Acenaphthene	8270C SIM	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	--	--	--	--
Acenaphthylene	8270C SIM	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	--	--	--	--
Acetophenone	8270C	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	--	--
alpha-Naphthylamine	8270C	--	--	--	--	--	--
alpha-Picoline	8270C	--	--	--	--	--	--
Aniline	8270C	--	--	--	--	--	--
Anthracene	8270C	--	--	--	--	--	--
Anthracene	8270C SIM	--	--	--	--	--	--
Aramite	8270C	--	--	--	--	--	--
Benzidine	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	--	--	--	--
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	--	--	--	--
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	--	--	--	--
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	--	--	--	--
beta-Naphthylamine	8270C	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	8270C	--	--	--	--	--	--
bis(2-Chloroethyl)ether	8270C	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	8270C	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	8270C	--	--	--	--	0.54 U	9.5 U
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--
Butylbenzylphthalate	8270C	--	--	--	--	0.96 U	0.95 U
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--
Chrysene	8270C	--	--	--	--	--	--
Chrysene	8270C SIM	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-66	RD-67	RD-67	RD-68A	RD-68A	RD-68A
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-66_080411_01	RD-67_011311_01	RD-67_071911_01	RD-68A_011211_01	RD-68A_041811_01	RD-68A_071111_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/4/2011	1/13/2011	7/19/2011	1/12/2011	4/18/2011	7/11/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	--	--	--	--	0.36 U	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	--	--	--	0.2 U	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	--	--	--	1.1 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	--	--	--	0.33 U	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	--	--	--	50 U
Formaldehyde	**8315A**	--	--	--	50 U	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	--	--	--	0.78 U	0.77 U	0.77 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.01 J
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-68A	RD-68B	RD-68B	RD-68B	RD-71	RD-71
	SampleType:	Field Duplicate	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-68A_071111_36	RD-68B_011211_01	RD-68B_041811_01	RD-68B_071111_01	RD-71_020411_01	RD-71_080511_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/11/2011	1/12/2011	4/18/2011	7/11/2011	2/4/2011	8/5/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	--	1.9 U	1.9 U	1.9 U	--	--
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	--	--	0.54 U	9.5 U	--	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	--	0.96 U	0.95 U	--	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-68A	RD-68B	RD-68B	RD-68B	RD-71	RD-71
	SampleType:	Field Duplicate	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-68A_071111_36	RD-68B_011211_01	RD-68B_041811_01	RD-68B_071111_01	RD-71_020411_01	RD-71_080511_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/11/2011	1/12/2011	4/18/2011	7/11/2011	2/4/2011	8/5/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	--	--	0.36 U	0.36 U	--	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	--	0.2 U	0.2 U	--	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	--	1.1 U	1.1 U	--	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	--	0.34 U	0.33 U	--	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	--	50 U	--	--
Formaldehyde	**8315A**	--	50 U	9.4 J	--	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	--	0.79 U	0.78 U	0.77 U	--	--
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-77	RD-77	RD-78	RD-78	RS-07	RS-07	RS-08
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-77_020211_01	RD-77_042211_01	RD-78_020411_01	RD-78_080511_01	RS-07_020111_01	RS-07_042111_01	RS-08_012611_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/2/2011	4/22/2011	2/4/2011	8/5/2011	2/1/2011	4/21/2011	1/26/2011
Analyte (ug/L)	**Method**							
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	1.9 U	2 U	--	--	2 U	1.9 U	2 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	0.53 U	0.56 U	--	--	0.56 U	0.55 U	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.95 U	0.99 U	--	--	1 U	0.97 U	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-77	RD-77	RD-78	RD-78	RS-07	RS-07	RS-08
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-77_020211_01	RD-77_042211_01	RD-78_020411_01	RD-78_080511_01	RS-07_020111_01	RS-07_042111_01	RS-08_012611_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/2/2011	4/22/2011	2/4/2011	8/5/2011	2/1/2011	4/21/2011	1/26/2011
Analyte (ug/L)	**Method**							
Dibenzofuran	**8270C**	--	--	--	--	--	--	--
Diethylphthalate	**8270C**	0.36 U	0.38 U	--	--	0.52 J	1 J	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	0.21 U	--	--	0.21 U	0.2 U	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	1.2 U	--	--	1.2 U	1.1 U	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.33 U	0.35 U	--	--	0.35 U	0.34 U	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	--	--	--	--	--
Formaldehyde	**8315A**	8.4 U	50 U	--	--	8.4 U	8.4 U	8.4 U
Hexachlorobenzene	**8270C**	--	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	0.8 U	--	--	0.81 U	0.79 U	0.8 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.016
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RS-08	RS-08	RS-08	RS-13	RS-20	RS-29	RS-33
SampleType:		Field Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RS-08_012611_36	RS-08_041311_01	RS-08_072911_01	RS-13_042811_01	RS-20_080911_01A	RS-29_041311_01	RS-33_011411_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/26/2011	4/13/2011	7/29/2011	4/28/2011	8/9/2011	4/13/2011	1/14/2011
Analyte (ug/L)	**Method**							
1,2,4,5-Tetrachlorobenzene	**8270C**	--	1.6 U	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	0.27 U	--	0.27 U	--	0.27 U	--
1,2-Dichlorobenzene	**8270C**	--	--	--	0.22 U	--	0.23 U	--
1,3-Dichlorobenzene	**8270C**	--	0.29 U	--	0.29 U	--	0.29 U	--
1,3-Dinitrobenzene	**8270C**	--	1.9 U	2.1 U	--	--	--	2.1 U
1,4-Dichlorobenzene	**8270C**	--	--	--	0.31 U	--	0.31 U	--
1,4-Naphthoquinone	**8270C**	--	13 U	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	0.0054 U	--	0.0054 U	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	1.9 U	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	0.43 U	--	0.44 U	--	0.44 U	--
2,4,6-Trichlorophenol	**8270C**	--	0.28 U	--	0.28 U	--	0.28 U	--
2,4-Dichlorophenol	**8270C**	--	0.61 U	--	0.62 U	--	0.63 U	--
2,4-Dimethylphenol	**8270C**	--	0.55 U	--	0.56 U	--	0.57 U	--
2,4-Dinitrophenol	**8270C**	--	9.5 U	--	9.7 U	--	9.8 U	--
2,4-Dinitrotoluene	**8270C**	--	1.6 U	--	1.6 U	--	1.6 U	--
2,6-Dichlorophenol	**8270C**	--	1.3 U	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	1.8 U	--	1.8 U	--	1.9 U	--
2-Chloronaphthalene	**8270C**	--	0.25 U	--	0.25 U	--	0.25 U	--
2-Chlorophenol	**8270C**	--	1.9 U	--	1.9 U	--	2 U	--
2-Methylnaphthalene	**8270C**	--	0.28 U	--	0.28 U	--	0.28 U	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	0.0049 U	--	0.0049 U	--
2-Nitroaniline	**8270C**	--	1.6 U	--	1.7 U	--	1.7 U	--
2-Nitrophenol	**8270C**	--	0.37 U	--	0.38 U	--	0.38 U	--
3,3'-Dichlorobenzidine	**8270C**	--	1.9 U	--	1.9 U	--	2 U	--
3-Methylcholanthrene	**8270C**	--	1.6 U	--	--	--	--	--
3-Nitroaniline	**8270C**	--	1.9 U	--	1.9 U	--	2 U	--
4,6-Dinitro-o-cresol	**8270C**	--	3.8 U	--	3.9 U	--	3.9 U	--
4-Aminobiphenyl	**8270C**	--	4.3 U	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	0.41 U	--	0.42 U	--	0.42 U	--
4-Chlorophenylphenylether	**8270C**	--	1.6 U	--	1.6 U	--	1.6 U	--
4-Nitrophenol	**8270C**	--	1.2 U	--	1.2 U	--	1.2 U	--
4-Nitroquinoline-1-oxide	**8270C**	--	19 U	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	1.3 U	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	1.5 U	--	--	--	--	--
Acenaphthene	**8270C**	--	0.27 U	--	0.27 U	--	0.27 U	--
Acenaphthene	**8270C SIM**	--	--	--	0.01 U	--	0.01 U	--
Acenaphthylene	**8270C**	--	0.47 U	--	0.48 U	--	0.48 U	--
Acenaphthylene	**8270C SIM**	--	--	--	0.0095 U	--	0.0095 U	--
Acetamidofluorene	**8270C**	--	6.7 U	--	--	--	--	--
Acetophenone	**8270C**	--	0.23 U	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	19 U	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	3 U	--	--	--	--	--
alpha-Picoline	**8270C**	--	1.1 U	--	--	--	--	--
Aniline	**8270C**	--	1.9 U	--	1.9 U	--	2 U	--
Anthracene	**8270C**	--	0.4 U	--	0.41 U	--	0.41 U	--
Anthracene	**8270C SIM**	--	--	--	0.014 U	--	0.014 U	--
Aramite	**8270C**	--	8.8 U	--	--	--	--	--
Benzidine	**8270C**	--	--	--	49 U	--	49 U	--
Benzo(a)anthracene	**8270C**	--	0.33 U	--	0.34 U	--	0.34 U	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	0.0031 U	--	0.0031 U	--
Benzo(a)pyrene	**8270C**	--	0.3 U	--	0.3 U	--	0.3 U	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	0.0049 U	--	0.0049 U	--
Benzo(b)fluoranthene	**8270C**	--	0.51 U	--	0.52 U	--	0.52 U	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	0.0033 U	--	0.0033 U	--
Benzo(ghi)perylene	**8270C**	--	0.48 U	--	0.49 U	--	0.49 U	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	0.0034 U	--	0.0034 U	--
Benzo(k)fluoranthene	**8270C**	--	0.44 U	--	0.45 U	--	0.45 U	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	0.0048 U	--	0.0048 U	--
Benzoicacid	**8270C**	--	--	--	9.7 U	--	9.8 U	--
Benzylalcohol	**8270C**	--	0.22 U	--	0.22 U	--	0.23 U	--
beta-Naphthylamine	**8270C**	--	2.9 U	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	0.92 U	--	0.94 U	--	0.95 U	--
bis(2-Chloroethyl)ether	**8270C**	--	0.39 U	--	0.4 U	--	0.4 U	--
bis(2-Chloroisopropyl)ether	**8270C**	--	0.27 U	--	0.27 U	--	0.27 U	--
bis(2-Ethylhexyl)phthalate	**8270C**	--	0.53 U	11 U	0.55 U	--	3.2 J	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	9.5 U	--	0.34 J	--
Butylbenzylphthalate	**8270C**	--	0.95 U	1.1 U	0.97 U	--	0.98 U	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	0.11 J	--	0.013 U	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--	--
Chrysene	**8270C**	--	0.51 U	--	0.53 U	--	0.53 U	--
Chrysene	**8270C SIM**	--	--	--	0.003 U	--	0.003 U	--
Diallate	**8270C**	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	0.49 U	--	0.5 U	--	0.5 U	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	0.0046 U	--	0.0046 U	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RS-08	RS-08	RS-08	RS-13	RS-20	RS-29	RS-33
	SampleType:	Field Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RS-08_012611_36	RS-08_041311_01	RS-08_072911_01	RS-13_042811_01	RS-20_080911_01A	RS-29_041311_01	RS-33_011411_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/26/2011	4/13/2011	7/29/2011	4/28/2011	8/9/2011	4/13/2011	1/14/2011
Analyte (ug/L)	**Method**							
Dibenzofuran	**8270C**	--	0.28 U	--	0.28 U	--	0.28 U	--
Diethylphthalate	**8270C**	--	0.36 U	0.4 U	9.7 U	--	0.37 U	--
Diethylphthalate	**8270C SIM**	--	--	--	0.27 J	--	0.034 J	--
Dimethylphthalate	**8270C**	--	0.2 U	0.22 U	0.2 U	--	0.21 U	--
Dimethylphthalate	**8270C SIM**	--	--	--	0.017 U	--	0.017 U	--
Di-n-butylphthalate	**8270C**	--	1.1 U	1.2 U	1.1 U	--	1.1 U	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	0.019 J	--	0.01 U	--
Di-n-octylphthalate	**8270C**	--	0.33 U	0.37 U	0.34 U	--	0.34 U	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	9.5 U	--	9.6 U	--
Diphenylamine	**8270C**	--	1 U	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	0.9 U	--	--	--	--	--
Fluoranthene	**8270C**	--	0.19 U	--	0.19 U	--	0.2 U	--
Fluoranthene	**8270C SIM**	--	--	--	0.0043 U	--	0.0043 U	--
Fluorene	**8270C**	--	0.3 U	--	0.3 U	--	0.3 U	--
Fluorene	**8270C SIM**	--	--	--	0.018 U	--	0.018 U	--
Formaldehyde	**8315**	--	--	50 U	--	--	--	--
Formaldehyde	**8315A**	--	8.4 U	--	8.4 U	--	8.4 U	50 U
Hexachlorobenzene	**8270C**	--	0.63 U	--	0.64 U	--	0.65 U	--
Hexachlorobutadiene	**8270C**	--	3.1 U	--	3.2 U	--	3.2 U	--
Hexachlorocyclopentadiene	**8270C**	--	1.5 U	--	1.5 U	--	1.5 U	--
Hexachloroethane	**8270C**	--	2 U	--	2 U	--	2.1 U	--
Hexachlorophene	**8321A**	--	0.49 U	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	1.9 U	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	0.62 U	--	0.63 U	--	0.64 U	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	0.014 U	--	0.014 U	--
Isodrin	**8270C**	--	1.7 U	--	--	--	--	--
Isophorone	**8270C**	--	0.2 U	--	0.2 U	--	0.21 U	--
Isosafrole	**8270C**	--	0.95 U	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--	--
m-Cresol	**8270C**	--	0.24 U	--	--	--	--	--
Methapyrilene	**8270C**	--	19 U	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	0.95 U	--	--	--	--	--
Naphthalene	**8270C**	--	0.28 U	--	0.28 U	--	0.28 U	--
Naphthalene	**8270C SIM**	--	--	--	0.0051 U	--	0.0051 U	--
Nitrobenzene	**8270C**	--	0.77 U	0.85 U	0.79 U	--	0.79 U	0.84 U
n-Nitrosodiethylamine	**8270C**	--	1.6 U	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.17
n-Nitrosodimethylamine	**8270C**	--	0.28 U	--	0.28 U	--	0.28 U	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	0.12 U	--	0.12 U	--
n-Nitrosodi-n-butylamine	**8270C**	--	1.2 U	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	0.33 U	--	0.34 U	--	0.34 U	--
n-Nitrosodiphenylamine	**8270C**	--	0.42 U	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	0.43 U	--	0.43 U	--
n-Nitrosomethylethylamine	**8270C**	--	1.7 U	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	1.9 U	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	1.9 U	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	0.77 U	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	1.9 U	--	--	--	--	--
o-Cresol	**8270C**	--	0.93 U	--	0.95 U	--	0.96 U	--
o-Tolidine	**8270C**	--	3.8 U	--	--	--	--	--
o-Toluidine	**8270C**	--	1.3 U	--	--	--	--	--
p-Chloroaniline	**8270C**	--	2 U	--	2.1 U	--	2.1 U	--
p-Chloro-m-cresol	**8270C**	--	2.3 U	--	2.3 U	--	2.4 U	--
p-Cresol	**8270C**	--	0.24 U	--	0.24 U	--	0.24 U	--
p-Dimethylaminoazobenzene	**8270C**	--	1.9 U	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	1.9 U	--	--	--	--	--
Pentachloroethane	**8270C**	--	1.9 U	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	1.9 U	--	--	--	--	--
Pentachlorophenol	**8270C**	--	0.77 U	--	19 U	--	20 U	--
Phenacetin	**8270C**	--	1 U	--	--	--	--	--
Phenanthrene	**8270C**	--	0.25 U	--	0.25 U	--	0.25 U	--
Phenanthrene	**8270C SIM**	--	--	--	0.0093 U	--	0.0093 U	--
Phenol	**8270C**	--	1.9 U	--	1.9 U	--	2 U	--
p-Nitroaniline	**8270C**	--	1.9 U	--	1.9 U	--	2 U	--
p-Phenylenediamine	**8270C**	--	4.8 U	--	--	--	--	--
Pronamide	**8270C**	--	1.9 U	--	--	--	--	--
Pyrene	**8270C**	--	0.35 U	--	0.36 U	--	0.36 U	--
Pyrene	**8270C SIM**	--	--	--	0.0077 U	--	0.0077 U	--
Pyridine	**8270C**	--	1.6 U	--	--	--	--	--
Safrole	**8270C**	--	1.1 U	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	3.8 U	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RS-33	RS-33	RS-33	RS-33	RS-33	RS-33	RS-34
SampleType:		Field Duplicate	Primary	Field Duplicate	Primary	Split	Field Duplicate	Primary
Sample Name:		RS-33_011411_36	RS-33_040711_01	RS-33_040711_36	RS-33_072611_01	RS-33_072611_03	RS-33_072611_36	RS-34_012811_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver
Collection Date:		1/14/2011	4/7/2011	4/7/2011	7/26/2011	7/26/2011	7/26/2011	1/28/2011
Analyte (ug/L)	**Method**							
1,2,4,5-Tetrachlorobenzene	**8270C**	--	1.8 U	--	1.7 U	2.4 U	1.7 U	--
1,2,4-Trichlorobenzene	**8270C**	--	0.29 U	--	0.27 U	2.4 U	0.27 U	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	0.31 U	--	0.29 U	2.8 U	0.29 U	--
1,3-Dinitrobenzene	**8270C**	--	2 U	--	1.9 U	3.3 U	1.9 U	2 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	14 U	--	13 U	3.8 U	13 U	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	2 U	--	1.9 U	4.2 U	1.9 U	--
2,4,5-Trichlorophenol	**8270C**	--	0.46 U	--	0.43 U	2.8 U	0.43 U	--
2,4,6-Trichlorophenol	**8270C**	--	0.3 U	--	0.28 U	4.2 U	0.28 U	--
2,4-Dichlorophenol	**8270C**	--	0.65 U	--	0.61 U	3.3 U	0.61 U	--
2,4-Dimethylphenol	**8270C**	--	0.59 U	--	0.55 U	3.3 U	0.55 U	--
2,4-Dinitrophenol	**8270C**	--	10 U	--	9.5 U	7.5 U	9.6 U	--
2,4-Dinitrotoluene	**8270C**	--	1.7 U	--	1.6 U	3.3 U	1.6 U	--
2,6-Dichlorophenol	**8270C**	--	1.4 U	--	1.3 U	5.7 U	1.3 U	--
2,6-Dinitrotoluene	**8270C**	--	1.9 U	--	1.8 U	1.9 U	1.8 U	--
2-Chloronaphthalene	**8270C**	--	0.27 U	--	0.25 U	2.8 U	0.25 U	--
2-Chlorophenol	**8270C**	--	2 U	--	1.9 U	2.8 U	1.9 U	--
2-Methylnaphthalene	**8270C**	--	0.3 U	--	0.28 U	1.9 U	0.28 U	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	1.8 U	--	1.7 U	1.9 U	1.7 U	--
2-Nitrophenol	**8270C**	--	0.4 U	--	0.37 U	3.3 U	0.37 U	--
3,3'-Dichlorobenzidine	**8270C**	--	2 U	--	1.9 U	7.1 U	1.9 U	--
3-Methylcholanthrene	**8270C**	--	1.7 U	--	1.6 U	2.4 U	1.6 U	--
3-Nitroaniline	**8270C**	--	2 U	--	1.9 U	2.8 U	1.9 U	--
4,6-Dinitro-o-cresol	**8270C**	--	4.1 U	--	3.8 U	3.8 U	3.8 U	--
4-Aminobiphenyl	**8270C**	--	4.6 U	--	4.3 U	4.7 U	4.3 U	--
4-Bromophenylphenylether	**8270C**	--	0.44 U	--	0.41 U	2.8 U	0.41 U	--
4-Chlorophenylphenylether	**8270C**	--	1.7 U	--	1.6 U	2.4 U	1.6 U	--
4-Nitrophenol	**8270C**	--	1.3 U	--	1.2 U	5.2 U	1.2 U	--
4-Nitroquinoline-1-oxide	**8270C**	--	20 U	--	19 U	2.8 UJ	19 U	--
5-Nitro-o-toluidine	**8270C**	--	1.4 U	--	1.3 U	2.8 U	1.3 U	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	1.6 U	--	1.5 U	3.8 U	1.5 U	--
Acenaphthene	**8270C**	--	0.29 U	--	0.27 U	2.8 U	0.27 U	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	0.5 U	--	0.47 U	2.8 U	0.47 U	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	7.1 U	--	6.7 U	2.8 U	6.7 U	--
Acetophenone	**8270C**	--	0.24 U	--	0.23 U	3.8 U	0.23 U	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	20 U	--	19 U	38 UJ	19 U	--
alpha-Naphthylamine	**8270C**	--	3.2 U	--	3 U	5.2 U	3 U	--
alpha-Picoline	**8270C**	--	1.2 U	--	1.1 U	2.4 U	1.1 U	--
Aniline	**8270C**	--	2 U	--	1.9 U	3.3 U	1.9 U	--
Anthracene	**8270C**	--	0.43 U	--	0.4 U	2.4 U	0.4 U	--
Anthracene	**8270C SIM**	--	--	--	--	--	--	--
Aramite	**8270C**	--	9.4 U	--	8.8 U	4.2 U	8.8 U	--
Benzidine	**8270C**	--	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	0.36 U	--	0.33 U	2.4 U	0.33 U	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	0.32 U	--	0.3 U	2.8 U	0.3 U	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	0.54 U	--	0.51 U	1.9 U	0.51 U	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	0.51 U	--	0.48 U	3.8 U	0.48 U	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	0.47 U	--	0.44 U	2.4 U	0.44 U	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	0.23 U	--	0.22 U	3.3 U	0.22 U	--
beta-Naphthylamine	**8270C**	--	3.2 U	--	2.9 U	3.8 U	3 U	--
bis(2-Chloroethoxy)methane	**8270C**	--	0.99 U	--	0.93 U	2.8 U	0.93 U	--
bis(2-Chloroethyl)ether	**8270C**	--	0.42 U	--	0.39 U	2.8 U	0.39 U	--
bis(2-Chloroisopropyl)ether	**8270C**	--	0.29 U	--	0.27 U	2.4 U	0.27 U	--
bis(2-Ethylhexyl)phthalate	**8270C**	--	0.77 J	--	0.53 U	3.8 U	0.54 U	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	1 U	--	0.95 U	3.8 U	0.96 U	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--	--
Chrysene	**8270C**	--	0.55 U	--	0.52 U	2.4 U	0.52 U	--
Chrysene	**8270C SIM**	--	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	0.52 U	--	0.49 U	2.8 U	0.49 U	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RS-33	RS-33	RS-33	RS-33	RS-33	RS-33	RS-34
SampleType:		Field Duplicate	Primary	Field Duplicate	Primary	Split	Field Duplicate	Primary
Sample Name:		RS-33_011411_36	RS-33_040711_01	RS-33_040711_36	RS-33_072611_01	RS-33_072611_03	RS-33_072611_36	RS-34_012811_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver
Collection Date:		1/14/2011	4/7/2011	4/7/2011	7/26/2011	7/26/2011	7/26/2011	1/28/2011
Analyte (ug/L)	**Method**							
Dibenzofuran	**8270C**	--	0.3 U	--	0.28 U	3.8 U	0.28 U	--
Diethylphthalate	**8270C**	--	0.39 U	--	0.36 U	3.3 U	0.36 U	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	0.21 U	--	0.2 U	2.4 U	0.2 U	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	1.2 U	--	1.1 U	2.8 U	1.1 U	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	0.36 U	--	0.33 U	3.3 U	0.33 U	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Diphenylamine	**8270C**	--	1.1 U	--	1 U	2.8 U	1 U	--
Ethylmethanesulfonate	**8270C**	--	0.96 U	--	0.9 U	3.8 U	0.9 U	--
Fluoranthene	**8270C**	--	0.28 J	--	0.19 U	2.8 U	0.19 U	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--	--
Fluorene	**8270C**	--	0.32 U	--	0.3 U	2.8 U	0.3 U	--
Fluorene	**8270C SIM**	--	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	--	50 U	--	--	--
Formaldehyde	**8315A**	--	13 J	--	--	--	--	8.4 U
Hexachlorobenzene	**8270C**	--	0.67 U	--	0.63 U	2.8 U	0.63 U	--
Hexachlorobutadiene	**8270C**	--	3.4 U	--	3.1 U	3.8 U	3.2 U	--
Hexachlorocyclopentadiene	**8270C**	--	1.6 U	--	1.5 U	4.7 U	1.5 U	--
Hexachloroethane	**8270C**	--	2.1 U	--	2 U	3.3 U	2 U	--
Hexachlorophene	**8321A**	--	0.49 U	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	2 U	--	1.9 U	9.4 U	1.9 U	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	0.66 U	--	0.62 U	3.3 U	0.62 U	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--	--
Isodrin	**8270C**	--	1.8 U	--	1.7 U	3.3 U	1.7 U	--
Isophorone	**8270C**	--	0.21 U	--	0.2 U	2.8 U	0.2 U	--
Isosafrole	**8270C**	--	1 U	--	0.95 U	5.7 U	0.96 U	--
Kepone	**8270C**	--	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	5.7 U	--	--
m-Cresol	**8270C**	--	0.26 U	--	0.24 U	--	0.24 U	--
Methapyrilene	**8270C**	--	20 U	--	19 U	3.8 U	19 U	--
Methylmethanesulfonate	**8270C**	--	1 U	--	0.95 U	4.7 U	0.96 U	--
Naphthalene	**8270C**	--	0.3 U	--	0.28 U	2.8 U	0.28 U	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--	--
Nitrobenzene	**8270C**	--	0.83 U	--	0.77 U	2.8 U	0.77 U	0.8 U
n-Nitrosodiethylamine	**8270C**	--	1.8 U	--	1.7 U	2.8 U	1.7 U	--
n-Nitrosodimethylamine	**1625M**	0.25 J	0.2	0.18	0.21	--	0.25	0.015
n-Nitrosodimethylamine	**8270C**	--	0.3 U	--	0.28 U	2.4 U	0.28 U	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	1.2 U	--	1.2 U	4.2 U	1.2 U	--
n-Nitrosodi-n-propylamine	**8270C**	--	0.36 U	--	0.33 U	3.3 U	0.33 U	--
n-Nitrosodiphenylamine	**8270C**	--	0.45 U	--	0.42 U	1.9 U	0.42 U	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	1.8 U	--	1.7 U	2.4 U	1.7 U	--
n-Nitrosomorpholine	**8270C**	--	2 U	--	1.9 U	3.8 U	1.9 U	--
n-Nitrosopiperidine	**8270C**	--	2 U	--	1.9 U	3.8 U	1.9 U	--
n-Nitrosopyrrolidine	**8270C**	--	0.82 U	--	0.77 U	3.8 U	0.77 U	--
o,o,o-Triethylphosphorothioate	**8270C**	--	2 U	--	1.9 U	4.2 U	1.9 U	--
o-Cresol	**8270C**	--	1 U	--	0.94 U	2.8 U	0.94 U	--
o-Tolidine	**8270C**	--	4.1 U	--	3.8 U	6.6 U	3.8 U	--
o-Toluidine	**8270C**	--	1.4 U	--	1.3 U	2.4 UJ	1.3 U	--
p-Chloroaniline	**8270C**	--	2.2 U	--	2 U	1.9 U	2 U	--
p-Chloro-m-cresol	**8270C**	--	2.5 U	--	2.3 U	2.4 U	2.3 U	--
p-Cresol	**8270C**	--	0.26 U	--	0.24 U	2.8 U	0.24 U	--
p-Dimethylaminoazobenzene	**8270C**	--	2 U	--	1.9 U	3.8 U	1.9 U	--
Pentachlorobenzene	**8270C**	--	2 U	--	1.9 U	2.8 U	1.9 U	--
Pentachloroethane	**8270C**	--	2 U	--	1.9 U	1.9 U	1.9 U	--
Pentachloronitrobenzene	**8270C**	--	2 U	--	1.9 U	2.4 U	1.9 U	--
Pentachlorophenol	**8270C**	--	0.79 U	--	--	--	--	--
Phenacetin	**8270C**	--	1.1 U	--	1 U	3.3 U	1 U	--
Phenanthrene	**8270C**	--	0.32 J	--	0.25 U	3.3 U	0.25 U	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--	--
Phenol	**8270C**	--	2 U	--	1.9 U	1.9 U	1.9 U	--
p-Nitroaniline	**8270C**	--	2 U	--	1.9 U	3.8 U	1.9 U	--
p-Phenylenediamine	**8270C**	--	5.1 U	--	4.8 U	24 UJ	4.8 U	--
Pronamide	**8270C**	--	2 U	--	1.9 U	4.7 U	1.9 U	--
Pyrene	**8270C**	--	0.38 U	--	0.35 U	3.8 U	0.35 U	--
Pyrene	**8270C SIM**	--	--	--	--	--	--	--
Pyridine	**8270C**	--	1.7 U	--	1.6 U	2.4 U	1.6 U	--
Safrole	**8270C**	--	1.2 U	--	1.1 U	3.8 U	1.1 U	--
sym-Trinitrobenzene	**8270C**	--	4.1 U	--	3.8 U	2.4 U	3.8 U	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RS-34	RS-34	RS-34	RS-34	SH-02	SH-02	SH-02
	SampleType:	Field Duplicate	Primary	Field Duplicate	Primary	Primary	Field Duplicate	Primary
	Sample Name:	RS-34_012811_36	RS-34_042711_01	RS-34_042711_36	RS-34_072111_01	SH-02_012111_01	SH-02_012111_36	SH-02_020311_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/28/2011	4/27/2011	4/27/2011	7/21/2011	1/21/2011	1/21/2011	2/3/2011
Analyte (ug/L)	**Method**							
1,2,4,5-Tetrachlorobenzene	**8270C**	--	1.6 U	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	0.27 U	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	0.29 U	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	--	1.9 U	--	1.9 UJ	1.9 U	--	--
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	13 U	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	1.9 U	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	0.43 U	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	0.28 U	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	0.61 U	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	0.55 U	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	9.5 U	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	1.6 U	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	1.3 U	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	1.8 U	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	0.25 U	--	--	--	--	--
2-Chlorophenol	**8270C**	--	1.9 U	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	0.28 U	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	1.6 U	--	--	--	--	--
2-Nitrophenol	**8270C**	--	0.37 U	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	1.9 U	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	1.6 U	--	--	--	--	--
3-Nitroaniline	**8270C**	--	1.9 U	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	3.8 U	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	4.3 U	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	0.41 U	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	1.6 U	--	--	--	--	--
4-Nitrophenol	**8270C**	--	1.2 U	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	19 U	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	1.3 U	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	1.5 U	--	--	--	--	--
Acenaphthene	**8270C**	--	0.27 U	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	0.47 U	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	6.7 U	--	--	--	--	--
Acetophenone	**8270C**	--	0.23 U	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	19 U	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	3 U	--	--	--	--	--
alpha-Picoline	**8270C**	--	1.1 U	--	--	--	--	--
Aniline	**8270C**	--	1.9 U	--	--	--	--	--
Anthracene	**8270C**	--	0.4 U	--	--	0.4 U	--	--
Anthracene	**8270C SIM**	--	--	--	--	--	--	--
Aramite	**8270C**	--	8.8 U	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	0.33 U	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	0.3 U	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	0.51 U	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	0.48 U	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	0.44 U	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	0.22 U	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	2.9 U	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	0.92 U	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	0.39 U	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	0.27 U	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	--	0.53 U	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	0.95 U	--	--	--	--	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--	--
Chrysene	**8270C**	--	0.51 U	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	0.49 U	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RS-34	RS-34	RS-34	RS-34	SH-02	SH-02	SH-02
	SampleType:	Field Duplicate	Primary	Field Duplicate	Primary	Primary	Field Duplicate	Primary
	Sample Name:	RS-34_012811_36	RS-34_042711_01	RS-34_042711_36	RS-34_072111_01	SH-02_012111_01	SH-02_012111_36	SH-02_020311_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/28/2011	4/27/2011	4/27/2011	7/21/2011	1/21/2011	1/21/2011	2/3/2011
Analyte (ug/L)	**Method**							
Dibenzofuran	**8270C**	--	0.28 U	--	--	--	--	--
Diethylphthalate	**8270C**	--	9.5 U	--	--	--	--	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	0.2 U	--	--	--	--	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	1.1 U	--	--	--	--	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	0.33 U	--	--	--	--	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Diphenylamine	**8270C**	--	1 U	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	0.9 U	--	--	--	--	--
Fluoranthene	**8270C**	--	0.19 U	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--	--
Fluorene	**8270C**	--	0.3 U	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	--	50 U	--	--	--
Formaldehyde	**8315A**	--	8.4 U	--	--	--	--	8.4 U
Hexachlorobenzene	**8270C**	--	0.63 U	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	3.1 U	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	1.5 U	--	--	--	--	--
Hexachloroethane	**8270C**	--	2 U	--	--	--	--	--
Hexachlorophene	**8321A**	--	0.49 U	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	1.9 U	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	0.62 U	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--	--
Isodrin	**8270C**	--	1.7 U	--	--	--	--	--
Isophorone	**8270C**	--	0.2 U	--	--	--	--	--
Isosafrole	**8270C**	--	0.95 U	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--	--
m-Cresol	**8270C**	--	0.24 U	--	--	--	--	--
Methapyrilene	**8270C**	--	19 U	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	0.95 U	--	--	--	--	--
Naphthalene	**8270C**	--	0.28 U	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--	--
Nitrobenzene	**8270C**	--	0.77 U	--	0.78 UJ	0.76 U	--	--
n-Nitrosodiethylamine	**8270C**	--	1.6 U	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.015	0.008	0.0077	0.005 U	0.049	0.057	--
n-Nitrosodimethylamine	**8270C**	--	0.28 U	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	1.2 U	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	0.33 U	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	0.42 U	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	1.7 U	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	1.9 U	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	1.9 U	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	0.77 U	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	1.9 U	--	--	--	--	--
o-Cresol	**8270C**	--	0.93 U	--	--	--	--	--
o-Tolidine	**8270C**	--	3.8 U	--	--	--	--	--
o-Toluidine	**8270C**	--	1.3 U	--	--	--	--	--
p-Chloroaniline	**8270C**	--	2 U	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	2.3 U	--	--	--	--	--
p-Cresol	**8270C**	--	0.24 U	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	1.9 U	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	1.9 U	--	--	--	--	--
Pentachloroethane	**8270C**	--	1.9 U	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	1.9 U	--	--	--	--	--
Pentachlorophenol	**8270C**	--	0.76 U	--	--	--	--	--
Phenacetin	**8270C**	--	1 U	--	--	--	--	--
Phenanthrene	**8270C**	--	0.25 U	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--	--
Phenol	**8270C**	--	1.9 U	--	--	--	--	--
p-Nitroaniline	**8270C**	--	1.9 U	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	4.8 U	--	--	--	--	--
Pronamide	**8270C**	--	1.9 U	--	--	--	--	--
Pyrene	**8270C**	--	0.35 U	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--	--
Pyridine	**8270C**	--	1.6 U	--	--	--	--	--
Safrole	**8270C**	--	1.1 U	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	3.8 U	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		SH-02	SH-02	SH-02	SH-02	SH-03	SH-03	SH-03
SampleType:		Primary	Field Duplicate	Primary	Field Duplicate	Primary	Field Duplicate	Primary
Sample Name:		SH-02_040811_01	SH-02_040811_36	SH-02_072011_01	SH-02_072011_36	SH-03_012111_01	SH-03_012111_36	SH-03_020311_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/8/2011	4/8/2011	7/20/2011	7/20/2011	1/21/2011	1/21/2011	2/3/2011
Analyte (ug/L)	**Method**							
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	8270C	--	--	--	--	--	--	--
1,2-Dichlorobenzene	8270C	--	--	--	--	--	--	--
1,3-Dichlorobenzene	8270C	--	--	--	--	--	--	--
1,3-Dinitrobenzene	8270C	1.9 U	--	1.9 U	--	2 U	--	--
1,4-Dichlorobenzene	8270C	--	--	--	--	--	--	--
1,4-Naphthoquinone	8270C	--	--	--	--	--	--	--
1-Methylnaphthalene	8270C SIM	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	8270C	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	8270C	--	--	--	--	--	--	--
2,4-Dichlorophenol	8270C	--	--	--	--	--	--	--
2,4-Dimethylphenol	8270C	--	--	--	--	--	--	--
2,4-Dinitrophenol	8270C	--	--	--	--	--	--	--
2,4-Dinitrotoluene	8270C	--	--	--	--	--	--	--
2,6-Dichlorophenol	8270C	--	--	--	--	--	--	--
2,6-Dinitrotoluene	8270C	--	--	--	--	--	--	--
2-Chloronaphthalene	8270C	--	--	--	--	--	--	--
2-Chlorophenol	8270C	--	--	--	--	--	--	--
2-Methylnaphthalene	8270C	--	--	--	--	--	--	--
2-Methylnaphthalene	8270C SIM	--	--	--	--	--	--	--
2-Nitroaniline	8270C	--	--	--	--	--	--	--
2-Nitrophenol	8270C	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	8270C	--	--	--	--	--	--	--
3-Methylcholanthrene	8270C	--	--	--	--	--	--	--
3-Nitroaniline	8270C	--	--	--	--	--	--	--
4,6-Dinitro-o-cresol	8270C	--	--	--	--	--	--	--
4-Aminobiphenyl	8270C	--	--	--	--	--	--	--
4-Bromophenylphenylether	8270C	--	--	--	--	--	--	--
4-Chlorophenylphenylether	8270C	--	--	--	--	--	--	--
4-Nitrophenol	8270C	--	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	8270C	--	--	--	--	--	--	--
5-Nitro-o-toluidine	8270C	--	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--	--	--	--	--
Acenaphthene	8270C	--	--	--	--	--	--	--
Acenaphthene	8270C SIM	--	--	--	--	--	--	--
Acenaphthylene	8270C	--	--	--	--	--	--	--
Acenaphthylene	8270C SIM	--	--	--	--	--	--	--
Acetamidofluorene	8270C	--	--	--	--	--	--	--
Acetophenone	8270C	--	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--	--	--	--	--
alpha-Naphthylamine	8270C	--	--	--	--	--	--	--
alpha-Picoline	8270C	--	--	--	--	--	--	--
Aniline	8270C	--	--	--	--	--	--	--
Anthracene	8270C	0.4 U	--	0.4 U	--	0.41 U	--	--
Anthracene	8270C SIM	--	--	--	--	--	--	--
Aramite	8270C	--	--	--	--	--	--	--
Benzidine	8270C	--	--	--	--	--	--	--
Benzo(a)anthracene	8270C	--	--	--	--	--	--	--
Benzo(a)anthracene	8270C SIM	--	--	--	--	--	--	--
Benzo(a)pyrene	8270C	--	--	--	--	--	--	--
Benzo(a)pyrene	8270C SIM	--	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C	--	--	--	--	--	--	--
Benzo(b)fluoranthene	8270C SIM	--	--	--	--	--	--	--
Benzo(ghi)perylene	8270C	--	--	--	--	--	--	--
Benzo(ghi)perylene	8270C SIM	--	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C	--	--	--	--	--	--	--
Benzo(k)fluoranthene	8270C SIM	--	--	--	--	--	--	--
Benzoicacid	8270C	--	--	--	--	--	--	--
Benzylalcohol	8270C	--	--	--	--	--	--	--
beta-Naphthylamine	8270C	--	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	8270C	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	8270C	--	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	8270C	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	8270C	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--	--	--	--	--
Butylbenzylphthalate	8270C	--	--	--	--	--	--	--
Butylbenzylphthalate	8270C SIM	--	--	--	--	--	--	--
Chlorobenzilate	8270C	--	--	--	--	--	--	--
Chrysene	8270C	--	--	--	--	--	--	--
Chrysene	8270C SIM	--	--	--	--	--	--	--
Diallate	8270C	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene	8270C SIM	--	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		SH-02	SH-02	SH-02	SH-02	SH-03	SH-03	SH-03
SampleType:		Primary	Field Duplicate	Primary	Field Duplicate	Primary	Field Duplicate	Primary
Sample Name:		SH-02_040811_01	SH-02_040811_36	SH-02_072011_01	SH-02_072011_36	SH-03_012111_01	SH-03_012111_36	SH-03_020311_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/8/2011	4/8/2011	7/20/2011	7/20/2011	1/21/2011	1/21/2011	2/3/2011
Analyte (ug/L)	**Method**							
Dibenzofuran	**8270C**	--	--	--	--	--	--	--
Diethylphthalate	**8270C**	--	--	--	--	--	--	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	--	--	--	--	--	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	--	--	--	--	--	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	--	--	--	--	--	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	50 U	--	--	--	--
Formaldehyde	**8315A**	8.4 U	--	--	--	--	--	8.4 U
Hexachlorobenzene	**8270C**	--	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.77 U	--	0.77 U	--	0.8 U	--	--
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.049	0.052	0.087	0.093	0.1	0.13	--
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		SH-03	SH-03	SH-04	SH-04	SH-04	SH-04	SH-04
SampleType:		Primary	Field Duplicate	Primary	Field Duplicate	Primary	Primary	Field Duplicate
Sample Name:		SH-03_040811_01	SH-03_040811_36	SH-04_012111_01	SH-04_012111_36	SH-04_020311_01	SH-04_040711_01	SH-04_040711_36
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/8/2011	4/8/2011	1/21/2011	1/21/2011	2/3/2011	4/7/2011	4/7/2011
Analyte (ug/L)	**Method**							
1,2,4,5-Tetrachlorobenzene	**8270C**	1.7 U	--	--	--	--	1.7 U	--
1,2,4-Trichlorobenzene	**8270C**	0.27 U	--	--	--	--	0.28 U	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	0.29 U	--	--	--	--	0.3 U	--
1,3-Dinitrobenzene	**8270C**	1.9 U	--	1.9 U	--	--	2 U	--
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	13 U	--	--	--	--	14 U	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	1.9 U	--	--	--	--	2 U	--
2,4,5-Trichlorophenol	**8270C**	0.43 U	--	--	--	--	0.44 U	--
2,4,6-Trichlorophenol	**8270C**	0.28 U	--	--	--	--	0.29 U	--
2,4-Dichlorophenol	**8270C**	0.62 U	--	--	--	--	0.63 U	--
2,4-Dimethylphenol	**8270C**	0.56 U	--	--	--	--	0.57 U	--
2,4-Dinitrophenol	**8270C**	9.6 U	--	--	--	--	9.8 U	--
2,4-Dinitrotoluene	**8270C**	1.6 U	--	--	--	--	1.6 U	--
2,6-Dichlorophenol	**8270C**	1.3 U	--	--	--	--	1.3 U	--
2,6-Dinitrotoluene	**8270C**	1.8 U	--	--	--	--	1.9 U	--
2-Chloronaphthalene	**8270C**	0.25 U	--	--	--	--	0.26 U	--
2-Chlorophenol	**8270C**	1.9 U	--	--	--	--	2 U	--
2-Methylnaphthalene	**8270C**	0.28 U	--	--	--	--	0.29 U	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--	--
2-Nitroaniline	**8270C**	1.7 U	--	--	--	--	1.7 U	--
2-Nitrophenol	**8270C**	0.38 U	--	--	--	--	0.38 U	--
3,3'-Dichlorobenzidine	**8270C**	1.9 U	--	--	--	--	2 U	--
3-Methylcholanthrene	**8270C**	1.6 U	--	--	--	--	1.7 U	--
3-Nitroaniline	**8270C**	1.9 U	--	--	--	--	2 U	--
4,6-Dinitro-o-cresol	**8270C**	3.9 U	--	--	--	--	3.9 U	--
4-Aminobiphenyl	**8270C**	4.3 U	--	--	--	--	4.4 U	--
4-Bromophenylphenylether	**8270C**	0.41 U	--	--	--	--	0.42 U	--
4-Chlorophenylphenylether	**8270C**	1.6 U	--	--	--	--	1.6 U	--
4-Nitrophenol	**8270C**	1.2 U	--	--	--	--	1.2 U	--
4-Nitroquinoline-1-oxide	**8270C**	19 U	--	--	--	--	20 U	--
5-Nitro-o-toluidine	**8270C**	1.3 U	--	--	--	--	1.4 U	--
7,12-Dimethylbenz(a)anthracene	**8270C**	1.5 U	--	--	--	--	1.5 U	--
Acenaphthene	**8270C**	0.27 U	--	--	--	--	0.28 U	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--	--
Acenaphthylene	**8270C**	0.47 U	--	--	--	--	0.48 U	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--	--
Acetamidofluorene	**8270C**	6.7 U	--	--	--	--	6.9 U	--
Acetophenone	**8270C**	0.23 U	--	--	--	--	0.24 U	--
alpha,alpha-Dimethylphenethylamine	**8270C**	19 U	--	--	--	--	20 U	--
alpha-Naphthylamine	**8270C**	3 U	--	--	--	--	3.1 U	--
alpha-Picoline	**8270C**	1.2 U	--	--	--	--	1.2 U	--
Aniline	**8270C**	1.9 U	--	--	--	--	2 U	--
Anthracene	**8270C**	0.4 U	--	0.4 U	--	--	0.41 U	--
Anthracene	**8270C SIM**	--	--	--	--	--	--	--
Aramite	**8270C**	8.9 U	--	--	--	--	9.1 U	--
Benzidine	**8270C**	--	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	0.34 U	--	--	--	--	0.34 U	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	0.3 U	--	--	--	--	0.31 U	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	0.51 U	--	--	--	--	0.52 U	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	0.48 U	--	--	--	--	0.49 U	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	0.44 U	--	--	--	--	0.45 U	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--	--
Benzylalcohol	**8270C**	0.22 U	--	--	--	--	0.23 U	--
beta-Naphthylamine	**8270C**	3 U	--	--	--	--	3 U	--
bis(2-Chloroethoxy)methane	**8270C**	0.93 U	--	--	--	--	0.96 U	--
bis(2-Chloroethyl)ether	**8270C**	0.4 U	--	--	--	--	0.4 U	--
bis(2-Chloroisopropyl)ether	**8270C**	0.27 U	--	--	--	--	0.28 U	--
bis(2-Ethylhexyl)phthalate	**8270C**	0.54 U	--	--	--	--	3 J	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	0.96 U	--	--	--	--	0.98 U	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--	--
Chrysene	**8270C**	0.52 U	--	--	--	--	0.53 U	--
Chrysene	**8270C SIM**	--	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	0.49 U	--	--	--	--	0.5 U	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		SH-03	SH-03	SH-04	SH-04	SH-04	SH-04	SH-04
SampleType:		Primary	Field Duplicate	Primary	Field Duplicate	Primary	Primary	Field Duplicate
Sample Name:		SH-03_040811_01	SH-03_040811_36	SH-04_012111_01	SH-04_012111_36	SH-04_020311_01	SH-04_040711_01	SH-04_040711_36
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/8/2011	4/8/2011	1/21/2011	1/21/2011	2/3/2011	4/7/2011	4/7/2011
Analyte (ug/L)	**Method**							
Dibenzofuran	**8270C**	0.28 U	--	--	--	--	0.29 U	--
Diethylphthalate	**8270C**	0.37 U	--	--	--	--	0.37 U	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.2 U	--	--	--	--	0.21 U	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.1 U	--	--	--	--	1.1 U	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.34 U	--	--	--	--	0.34 U	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--	--
Diphenylamine	**8270C**	1 U	--	--	--	--	1 U	--
Ethylmethanesulfonate	**8270C**	0.91 U	--	--	--	--	0.93 U	--
Fluoranthene	**8270C**	0.19 U	--	--	--	--	0.2 U	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--	--
Fluorene	**8270C**	0.3 U	--	--	--	--	0.31 U	--
Fluorene	**8270C SIM**	--	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	--	--	--	--	--
Formaldehyde	**8315A**	8.4 U	--	--	--	8.4 U	11 J	--
Hexachlorobenzene	**8270C**	0.64 U	--	--	--	--	0.65 U	--
Hexachlorobutadiene	**8270C**	3.2 U	--	--	--	--	3.2 U	--
Hexachlorocyclopentadiene	**8270C**	1.5 U	--	--	--	--	1.5 U	--
Hexachloroethane	**8270C**	2 U	--	--	--	--	2.1 U	--
Hexachlorophene	**8321A**	0.49 U	--	--	--	--	0.49 U	--
Hexachlorophene	**8151A**	--	--	--	--	--	--	--
Hexachloropropene	**8270C**	1.9 U	--	--	--	--	2 U	--
Indeno(1,2,3-cd)pyrene	**8270C**	0.63 U	--	--	--	--	0.64 U	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--	--
Isodrin	**8270C**	1.7 U	--	--	--	--	1.7 U	--
Isophorone	**8270C**	0.2 U	--	--	--	--	0.21 U	--
Isosafrole	**8270C**	0.96 U	--	--	--	--	0.98 U	--
Kepone	**8270C**	--	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--	--
m-Cresol	**8270C**	0.24 U	--	--	--	--	0.25 U	--
Methapyrilene	**8270C**	19 U	--	--	--	--	20 U	--
Methylmethanesulfonate	**8270C**	0.96 U	--	--	--	--	0.98 U	--
Naphthalene	**8270C**	0.28 U	--	--	--	--	0.29 U	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.78 U	--	0.77 U	--	--	0.8 U	--
n-Nitrosodiethylamine	**8270C**	1.7 U	--	--	--	--	1.7 U	--
n-Nitrosodimethylamine	**1625M**	0.03	0.066 J	0.053	0.052	--	0.084	0.077
n-Nitrosodimethylamine	**8270C**	0.28 U	--	--	--	--	0.29 U	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	1.2 U	--	--	--	--	1.2 U	--
n-Nitrosodi-n-propylamine	**8270C**	0.34 U	--	--	--	--	0.34 U	--
n-Nitrosodiphenylamine	**8270C**	0.42 U	--	--	--	--	0.43 U	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	1.7 U	--	--	--	--	1.7 U	--
n-Nitrosomorpholine	**8270C**	1.9 U	--	--	--	--	2 U	--
n-Nitrosopiperidine	**8270C**	1.9 U	--	--	--	--	2 U	--
n-Nitrosopyrrolidine	**8270C**	0.77 U	--	--	--	--	0.79 U	--
o,o,o-Triethylphosphorothioate	**8270C**	1.9 U	--	--	--	--	2 U	--
o-Cresol	**8270C**	0.94 U	--	--	--	--	0.96 U	--
o-Tolidine	**8270C**	3.9 U	--	--	--	--	3.9 U	--
o-Toluidine	**8270C**	1.3 U	--	--	--	--	1.4 U	--
p-Chloroaniline	**8270C**	2.1 U	--	--	--	--	2.1 U	--
p-Chloro-m-cresol	**8270C**	2.3 U	--	--	--	--	2.4 U	--
p-Cresol	**8270C**	0.24 U	--	--	--	--	0.25 U	--
p-Dimethylaminoazobenzene	**8270C**	1.9 U	--	--	--	--	2 U	--
Pentachlorobenzene	**8270C**	1.9 U	--	--	--	--	2 U	--
Pentachloroethane	**8270C**	1.9 U	--	--	--	--	2 U	--
Pentachloronitrobenzene	**8270C**	1.9 U	--	--	--	--	2 U	--
Pentachlorophenol	**8270C**	0.84 U	--	--	--	--	0.82 U	--
Phenacetin	**8270C**	1 U	--	--	--	--	1.1 U	--
Phenanthrene	**8270C**	0.25 U	--	--	--	--	0.26 U	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--	--
Phenol	**8270C**	1.9 U	--	--	--	--	2 U	--
p-Nitroaniline	**8270C**	1.9 U	--	--	--	--	2 U	--
p-Phenylenediamine	**8270C**	4.8 U	--	--	--	--	4.9 U	--
Pronamide	**8270C**	1.9 U	--	--	--	--	2 U	--
Pyrene	**8270C**	0.36 U	--	--	--	--	0.36 U	--
Pyrene	**8270C SIM**	--	--	--	--	--	--	--
Pyridine	**8270C**	1.6 U	--	--	--	--	1.7 U	--
Safrole	**8270C**	1.1 U	--	--	--	--	1.1 U	--
sym-Trinitrobenzene	**8270C**	3.9 U	--	--	--	--	3.9 U	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	SH-04	SH-04	SH-04	SH-07	SH-07	SH-07
	SampleType:	Primary	Split	Field Duplicate	Primary	Field Duplicate	Primary
	Sample Name:	SH-04_072011_01	SH-04_072011_03	SH-04_072011_36	SH-07_012711_01	SH-07_012711_36	SH-07_041211_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/20/2011	7/20/2011	7/20/2011	1/27/2011	1/27/2011	4/12/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	2.1 U	--	--	2 U	--	2 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--	--
Anthracene	**8270C**	0.44 U	--	--	0.43 U	--	0.42 U
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	10 U	4.1 U	0.6 U	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	1 U	4.1 U	1.1 U	--	--	--
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		SH-04	SH-04	SH-04	SH-07	SH-07	SH-07
SampleType:		Primary	Split	Field Duplicate	Primary	Field Duplicate	Primary
Sample Name:		SH-04_072011_01	SH-04_072011_03	SH-04_072011_36	SH-07_012711_01	SH-07_012711_36	SH-07_041211_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/20/2011	7/20/2011	7/20/2011	1/27/2011	1/27/2011	4/12/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	0.46 J	3.6 U	0.41 U	--	--	--
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.22 U	2.6 U	0.22 U	--	--	--
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	1.2 U	3.1 U	1.2 U	--	--	--
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.36 U	3.6 U	0.37 U	--	--	--
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	50 U	--	--	--	--	--
Formaldehyde	**8315A**	--	--	--	8.4 U	--	8.4 U
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.84 U	--	--	0.83 U	--	0.8 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	0.14	--	0.14	0.052	0.012	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		SH-07	SH-09	SH-09	SH-09	SH-09	SH-11
SampleType:		Primary	Primary	Field Duplicate	Primary	Field Duplicate	Primary
Sample Name:		SH-07_072011_01B	SH-09_012011_01	SH-09_012011_36	SH-09_041111_01	SH-09_041111_36	SH-11_012011_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/20/2011	1/20/2011	1/20/2011	4/11/2011	4/11/2011	1/20/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	1.8 U	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	0.29 U	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	0.31 U	--	--
1,3-Dinitrobenzene	**8270C**	2.1 U	1.9 U	--	2.1 U	--	2 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	14 U	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	2.1 U	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	0.47 U	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	0.3 U	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	0.67 U	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	0.6 U	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	10 U	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	1.7 U	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	1.4 U	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	2 U	--	--
2-Chloronaphthalene	**8270C**	--	--	--	0.27 U	--	--
2-Chlorophenol	**8270C**	--	--	--	2.1 U	--	--
2-Methylnaphthalene	**8270C**	--	--	--	0.3 U	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	1.8 U	--	--
2-Nitrophenol	**8270C**	--	--	--	0.41 U	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	2.1 U	--	--
3-Methylcholanthrene	**8270C**	--	--	--	1.8 U	--	--
3-Nitroaniline	**8270C**	--	--	--	2.1 U	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	4.2 U	--	--
4-Aminobiphenyl	**8270C**	--	--	--	4.7 U	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	0.45 U	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	1.7 U	--	--
4-Nitrophenol	**8270C**	--	--	--	1.3 U	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	21 U	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	1.5 U	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	1.6 U	--	--
Acenaphthene	**8270C**	--	--	--	0.29 U	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	0.51 U	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	7.3 U	--	--
Acetophenone	**8270C**	--	--	--	0.25 U	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	21 U	--	--
alpha-Naphthylamine	**8270C**	--	--	--	3.2 U	--	--
alpha-Picoline	**8270C**	--	--	--	1.3 U	--	--
Aniline	**8270C**	--	--	--	2.1 U	--	--
Anthracene	**8270C**	0.44 U	0.4 U	--	0.44 U	--	0.41 U
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	--	9.6 U	--	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	0.36 U	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	0.32 U	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	0.55 U	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	0.52 U	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	0.48 U	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	0.24 U	--	--
beta-Naphthylamine	**8270C**	--	--	--	3.2 U	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	1 U	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	0.43 U	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	0.29 U	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	--	--	--	0.58 U	--	0.86 J
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	--	--	--	1 U	--	0.98 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	--	--	--	0.56 U	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	0.53 U	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		SH-07	SH-09	SH-09	SH-09	SH-09	SH-11
SampleType:		Primary	Primary	Field Duplicate	Primary	Field Duplicate	Primary
Sample Name:		SH-07_072011_01B	SH-09_012011_01	SH-09_012011_36	SH-09_041111_01	SH-09_041111_36	SH-11_012011_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/20/2011	1/20/2011	1/20/2011	4/11/2011	4/11/2011	1/20/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	0.3 U	--	--
Diethylphthalate	**8270C**	--	--	--	0.4 U	--	0.37 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	--	--	--	0.22 U	--	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	--	--	--	1.2 U	--	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	--	--	--	0.36 U	--	0.34 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	1.1 U	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	0.98 U	--	--
Fluoranthene	**8270C**	--	--	--	0.21 U	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	0.32 U	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	--	--	--	--
Formaldehyde	**8315A**	--	8.4 U	--	8.4 U	--	8.4 U
Hexachlorobenzene	**8270C**	--	--	--	0.69 U	--	--
Hexachlorobutadiene	**8270C**	--	--	--	3.4 U	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	1.6 U	--	--
Hexachloroethane	**8270C**	--	--	--	2.2 U	--	--
Hexachlorophene	**8321A**	--	--	--	0.49 U	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	2.1 U	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	0.68 U	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	1.8 U	--	--
Isophorone	**8270C**	--	--	--	0.22 U	--	--
Isosafrole	**8270C**	--	--	--	1 U	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	0.26 U	--	--
Methapyrilene	**8270C**	--	--	--	21 U	--	--
Methylmethanesulfonate	**8270C**	--	--	--	1 U	--	--
Naphthalene	**8270C**	--	--	--	0.3 U	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	0.86 U	0.77 U	--	0.84 U	--	0.79 U
n-Nitrosodiethylamine	**8270C**	--	--	--	1.8 U	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.0064	0.008	0.01	0.0084	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	0.3 U	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	1.3 U	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	0.36 U	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	0.46 U	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	1.8 U	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	2.1 U	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	2.1 U	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	0.84 U	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	2.1 U	--	--
o-Cresol	**8270C**	--	--	--	1 U	--	--
o-Tolidine	**8270C**	--	--	--	4.2 U	--	--
o-Toluidine	**8270C**	--	--	--	1.5 U	--	--
p-Chloroaniline	**8270C**	--	--	--	2.2 U	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	2.5 U	--	--
p-Cresol	**8270C**	--	--	--	0.26 U	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	2.1 U	--	--
Pentachlorobenzene	**8270C**	--	--	--	2.1 U	--	--
Pentachloroethane	**8270C**	--	--	--	2.1 U	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	2.1 U	--	--
Pentachlorophenol	**8270C**	--	--	--	0.8 U	--	--
Phenacetin	**8270C**	--	--	--	1.1 U	--	--
Phenanthrene	**8270C**	--	--	--	0.27 U	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	2.1 U	--	--
p-Nitroaniline	**8270C**	--	--	--	2.1 U	--	--
p-Phenylenediamine	**8270C**	--	--	--	5.2 U	--	--
Pronamide	**8270C**	--	--	--	2.1 U	--	--
Pyrene	**8270C**	--	--	--	0.39 U	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	1.8 U	--	--
Safrole	**8270C**	--	--	--	1.2 U	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	4.2 U	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		SH-11	SH-11	SH-11	SH-11	SH-11	SH-11
SampleType:		Split	Field Duplicate	Primary	Split	Field Duplicate	Primary
Sample Name:		SH-11_012011_03	SH-11_012011_36	SH-11_040611_01	SH-11_040611_03	SH-11_040611_36	SH-11_072011_01B
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Irvine	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver
Collection Date:		1/20/2011	1/20/2011	4/6/2011	4/6/2011	4/6/2011	7/20/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	1.7 U	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	0.28 U	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	0.3 U	--	--	--
1,3-Dinitrobenzene	**8270C**	--	--	2 U	--	--	2.1 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	14 U	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	2 U	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	0.44 U	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	0.29 U	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	0.63 U	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	0.57 U	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	9.9 U	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	1.6 U	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	1.3 U	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	1.9 U	--	--	--
2-Chloronaphthalene	**8270C**	--	--	0.26 U	--	--	--
2-Chlorophenol	**8270C**	--	--	2 U	--	--	--
2-Methylnaphthalene	**8270C**	--	--	0.29 U	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	1.7 U	--	--	--
2-Nitrophenol	**8270C**	--	--	0.38 U	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	2 U	--	--	--
3-Methylcholanthrene	**8270C**	--	--	1.7 U	--	--	--
3-Nitroaniline	**8270C**	--	--	2 U	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	3.9 U	--	--	--
4-Aminobiphenyl	**8270C**	--	--	4.4 U	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	0.42 U	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	1.6 U	--	--	--
4-Nitrophenol	**8270C**	--	--	1.2 U	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	20 U	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	1.4 U	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	1.5 U	--	--	--
Acenaphthene	**8270C**	--	--	0.28 U	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	0.48 U	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	6.9 U	--	--	--
Acetophenone	**8270C**	--	--	0.24 U	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	20 U	--	--	--
alpha-Naphthylamine	**8270C**	--	--	3.1 U	--	--	--
alpha-Picoline	**8270C**	--	--	1.2 U	--	--	--
Aniline	**8270C**	--	--	2 U	--	--	--
Anthracene	**8270C**	--	--	0.41 U	--	--	0.44 U
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	9.1 U	--	--	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	0.35 U	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	0.31 U	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	0.52 U	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	0.49 U	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	0.45 U	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	0.23 U	--	--	--
beta-Naphthylamine	**8270C**	--	--	3 U	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	0.96 U	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	0.4 U	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	0.28 U	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	3.2 U	1.1 J	0.55 U	3.8 U	9.7 U	0.59 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	1.3 U	0.96 U	0.99 U	3.8 U	0.97 U	1 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	--	--	0.53 U	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	0.5 U	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		SH-11	SH-11	SH-11	SH-11	SH-11	SH-11
SampleType:		Split	Field Duplicate	Primary	Split	Field Duplicate	Primary
Sample Name:		SH-11_012011_03	SH-11_012011_36	SH-11_040611_01	SH-11_040611_03	SH-11_040611_36	SH-11_072011_01B
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Irvine	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver
Collection Date:		1/20/2011	1/20/2011	4/6/2011	4/6/2011	4/6/2011	7/20/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	0.29 U	--	--	--
Diethylphthalate	**8270C**	0.26 J	0.36 U	0.46 J	3.4 U	0.39 J	0.4 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	0.19 U	0.2 U	0.21 U	2.4 U	0.2 U	0.22 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	0.38 U	1.1 U	1.1 U	2.9 U	1.1 U	1.2 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	0.19 U	0.33 U	0.35 U	3.4 U	9.7 U	0.37 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	1 U	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	0.93 U	--	--	--
Fluoranthene	**8270C**	--	--	0.2 U	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	0.31 U	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	--	--	--	50 U
Formaldehyde	**8315A**	--	--	8.4 U	--	--	--
Hexachlorobenzene	**8270C**	--	--	0.65 U	--	--	--
Hexachlorobutadiene	**8270C**	--	--	3.3 U	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	1.5 U	--	--	--
Hexachloroethane	**8270C**	--	--	2.1 U	--	--	--
Hexachlorophene	**8321A**	--	--	0.49 U	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	2 U	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	0.64 U	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	1.7 U	--	--	--
Isophorone	**8270C**	--	--	0.21 U	--	--	--
Isosafrole	**8270C**	--	--	0.99 U	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	0.25 U	--	--	--
Methapyrilene	**8270C**	--	--	20 UJ	--	--	--
Methylmethanesulfonate	**8270C**	--	--	0.99 UJ	--	--	--
Naphthalene	**8270C**	--	--	0.29 U	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	--	--	0.8 U	--	--	0.85 U
n-Nitrosodiethylamine	**8270C**	--	--	1.7 U	--	--	--
n-Nitrosodimethylamine	**1625M**	--	--	0.005 U	--	--	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	0.29 U	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	1.2 U	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	0.35 U	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	0.43 U	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	1.7 U	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	2 U	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	2 U	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	0.79 U	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	2 U	--	--	--
o-Cresol	**8270C**	--	--	0.97 U	--	--	--
o-Tolidine	**8270C**	--	--	3.9 U	--	--	--
o-Toluidine	**8270C**	--	--	1.4 U	--	--	--
p-Chloroaniline	**8270C**	--	--	2.1 U	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	2.4 U	--	--	--
p-Cresol	**8270C**	--	--	0.25 U	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	2 U	--	--	--
Pentachlorobenzene	**8270C**	--	--	2 U	--	--	--
Pentachloroethane	**8270C**	--	--	2 U	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	2 U	--	--	--
Pentachlorophenol	**8270C**	--	--	0.78 U	--	--	--
Phenacetin	**8270C**	--	--	1.1 U	--	--	--
Phenanthrene	**8270C**	--	--	0.26 U	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	2 U	--	--	--
p-Nitroaniline	**8270C**	--	--	2 U	--	--	--
p-Phenylenediamine	**8270C**	--	--	4.9 UJ	--	--	--
Pronamide	**8270C**	--	--	2 U	--	--	--
Pyrene	**8270C**	--	--	0.36 U	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	1.7 U	--	--	--
Safrole	**8270C**	--	--	1.1 U	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	3.9 U	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	SH-11	SH-11	WS-04A	WS-04A	WS-04A	WS-04A
	SampleType:	Split	Field Duplicate	Primary	Primary	Primary	Primary
	Sample Name:	SH-11_072011_03	SH-11_072011_36B	WS-04A_020111_01	WS-04A_042011_01	WS-04A_042711_01	WS-04A_071811_01
	Groundwater Unit:	Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/20/2011	7/20/2011	2/1/2011	4/20/2011	4/27/2011	7/18/2011
Analyte (ug/L)	**Method**						
1,2,4,5-Tetrachlorobenzene	**8270C**	--	--	--	--	--	--
1,2,4-Trichlorobenzene	**8270C**	--	--	--	--	--	--
1,2-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,3-Dinitrobenzene	**8270C**	--	--	2 U	--	1.9 U	1.9 U
1,4-Dichlorobenzene	**8270C**	--	--	--	--	--	--
1,4-Naphthoquinone	**8270C**	--	--	--	--	--	--
1-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	**8270C**	--	--	--	--	--	--
2,4,5-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4,6-Trichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,4-Dimethylphenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrophenol	**8270C**	--	--	--	--	--	--
2,4-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2,6-Dichlorophenol	**8270C**	--	--	--	--	--	--
2,6-Dinitrotoluene	**8270C**	--	--	--	--	--	--
2-Chloronaphthalene	**8270C**	--	--	--	--	--	--
2-Chlorophenol	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C**	--	--	--	--	--	--
2-Methylnaphthalene	**8270C SIM**	--	--	--	--	--	--
2-Nitroaniline	**8270C**	--	--	--	--	--	--
2-Nitrophenol	**8270C**	--	--	--	--	--	--
3,3'-Dichlorobenzidine	**8270C**	--	--	--	--	--	--
3-Methylcholanthrene	**8270C**	--	--	--	--	--	--
3-Nitroaniline	**8270C**	--	--	--	--	--	--
4,6-Dinitro-o-cresol	**8270C**	--	--	--	--	--	--
4-Aminobiphenyl	**8270C**	--	--	--	--	--	--
4-Bromophenylphenylether	**8270C**	--	--	--	--	--	--
4-Chlorophenylphenylether	**8270C**	--	--	--	--	--	--
4-Nitrophenol	**8270C**	--	--	--	--	--	--
4-Nitroquinoline-1-oxide	**8270C**	--	--	--	--	--	--
5-Nitro-o-toluidine	**8270C**	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C**	--	--	--	--	--	--
Acenaphthene	**8270C SIM**	--	--	--	--	--	--
Acenaphthylene	**8270C**	--	--	--	--	--	--
Acenaphthylene	**8270C SIM**	--	--	--	--	--	--
Acetamidofluorene	**8270C**	--	--	--	--	--	--
Acetophenone	**8270C**	--	--	--	--	--	--
alpha,alpha-Dimethylphenethylamine	**8270C**	--	--	--	--	--	--
alpha-Naphthylamine	**8270C**	--	--	--	--	--	--
alpha-Picoline	**8270C**	--	--	--	--	--	--
Aniline	**8270C**	--	--	--	--	--	--
Anthracene	**8270C**	--	--	--	--	--	--
Anthracene	**8270C SIM**	--	--	--	--	--	--
Aramite	**8270C**	--	--	--	--	--	--
Benzidine	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C**	--	--	--	--	--	--
Benzo(a)anthracene	**8270C SIM**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C**	--	--	--	--	--	--
Benzo(a)pyrene	**8270C SIM**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(b)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C**	--	--	--	--	--	--
Benzo(ghi)perylene	**8270C SIM**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C**	--	--	--	--	--	--
Benzo(k)fluoranthene	**8270C SIM**	--	--	--	--	--	--
Benzoicacid	**8270C**	--	--	--	--	--	--
Benzylalcohol	**8270C**	--	--	--	--	--	--
beta-Naphthylamine	**8270C**	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	**8270C**	--	--	--	--	--	--
bis(2-Chloroethyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Chloroisopropyl)ether	**8270C**	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	**8270C**	4 U	0.59 J	--	--	0.54 U	0.53 U
bis(2-Ethylhexyl)phthalate	**8270C SIM**	--	--	--	--	--	--
Butylbenzylphthalate	**8270C**	4 U	0.95 U	--	--	0.96 U	0.95 U
Butylbenzylphthalate	**8270C SIM**	--	--	--	--	--	--
Chlorobenzilate	**8270C**	--	--	--	--	--	--
Chrysene	**8270C**	--	--	--	--	--	--
Chrysene	**8270C SIM**	--	--	--	--	--	--
Diallate	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C**	--	--	--	--	--	--
Dibenzo(a,h)anthracene	**8270C SIM**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		SH-11	SH-11	WS-04A	WS-04A	WS-04A	WS-04A
SampleType:		Split	Field Duplicate	Primary	Primary	Primary	Primary
Sample Name:		SH-11_072011_03	SH-11_072011_36B	WS-04A_020111_01	WS-04A_042011_01	WS-04A_042711_01	WS-04A_071811_01
Groundwater Unit:		Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/20/2011	7/20/2011	2/1/2011	4/20/2011	4/27/2011	7/18/2011
Analyte (ug/L)	**Method**						
Dibenzofuran	**8270C**	--	--	--	--	--	--
Diethylphthalate	**8270C**	3.5 U	0.36 U	--	--	9.6 U	0.36 U
Diethylphthalate	**8270C SIM**	--	--	--	--	--	--
Dimethylphthalate	**8270C**	2.5 U	0.2 U	--	--	0.2 U	0.2 U
Dimethylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-butylphthalate	**8270C**	3 U	1.1 U	--	--	1.1 U	1.1 U
Di-n-butylphthalate	**8270C SIM**	--	--	--	--	--	--
Di-n-octylphthalate	**8270C**	3.5 U	0.33 U	--	--	0.33 U	0.33 U
Di-n-octylphthalate	**8270C SIM**	--	--	--	--	--	--
Diphenylamine	**8270C**	--	--	--	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C**	--	--	--	--	--	--
Fluoranthene	**8270C SIM**	--	--	--	--	--	--
Fluorene	**8270C**	--	--	--	--	--	--
Fluorene	**8270C SIM**	--	--	--	--	--	--
Formaldehyde	**8315**	--	--	--	--	--	50 U
Formaldehyde	**8315A**	--	--	8.4 U	12 J	--	--
Hexachlorobenzene	**8270C**	--	--	--	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--	--	--	--
Hexachloroethane	**8270C**	--	--	--	--	--	--
Hexachlorophene	**8321A**	--	--	--	--	--	--
Hexachlorophene	**8151A**	--	--	--	--	--	--
Hexachloropropene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--	--	--	--
Isodrin	**8270C**	--	--	--	--	--	--
Isophorone	**8270C**	--	--	--	--	--	--
Isosafrole	**8270C**	--	--	--	--	--	--
Kepone	**8270C**	--	--	--	--	--	--
m+pCresol	**8270C**	--	--	--	--	--	--
m-Cresol	**8270C**	--	--	--	--	--	--
Methapyrilene	**8270C**	--	--	--	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C**	--	--	--	--	--	--
Naphthalene	**8270C SIM**	--	--	--	--	--	--
Nitrobenzene	**8270C**	--	--	0.79 U	--	0.77 U	0.77 U
n-Nitrosodiethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**1625M**	--	--	0.005 U	0.005 U	--	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--	--	--	--
o-Cresol	**8270C**	--	--	--	--	--	--
o-Tolidine	**8270C**	--	--	--	--	--	--
o-Toluidine	**8270C**	--	--	--	--	--	--
p-Chloroaniline	**8270C**	--	--	--	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--	--	--	--
p-Cresol	**8270C**	--	--	--	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--	--	--	--
Pentachlorobenzene	**8270C**	--	--	--	--	--	--
Pentachloroethane	**8270C**	--	--	--	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--	--	--	--
Pentachlorophenol	**8270C**	--	--	--	--	--	--
Phenacetin	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C**	--	--	--	--	--	--
Phenanthrene	**8270C SIM**	--	--	--	--	--	--
Phenol	**8270C**	--	--	--	--	--	--
p-Nitroaniline	**8270C**	--	--	--	--	--	--
p-Phenylenediamine	**8270C**	--	--	--	--	--	--
Pronamide	**8270C**	--	--	--	--	--	--
Pyrene	**8270C**	--	--	--	--	--	--
Pyrene	**8270C SIM**	--	--	--	--	--	--
Pyridine	**8270C**	--	--	--	--	--	--
Safrole	**8270C**	--	--	--	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	WS-09A	WS-09A	WS-09A
	SampleType:	Primary	Primary	Primary
	Sample Name:	WS-09A_011211_01	WS-09A_060311_01	WS-09A_081111_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/12/2011	6/3/2011	8/11/2011
Analyte (ug/L)	Method			
1,2,4,5-Tetrachlorobenzene	8270C	--	--	--
1,2,4-Trichlorobenzene	8270C	--	--	--
1,2-Dichlorobenzene	8270C	--	--	--
1,3-Dichlorobenzene	8270C	--	--	--
1,3-Dinitrobenzene	8270C	--	2.1 U	1.9 U
1,4-Dichlorobenzene	8270C	--	--	--
1,4-Naphthoquinone	8270C	--	--	--
1-Methylnaphthalene	8270C SIM	--	--	--
2,3,4,6-Tetrachlorophenol	8270C	--	--	--
2,4,5-Trichlorophenol	8270C	--	--	--
2,4,6-Trichlorophenol	8270C	--	--	--
2,4-Dichlorophenol	8270C	--	--	--
2,4-Dimethylphenol	8270C	--	--	--
2,4-Dinitrophenol	8270C	--	--	--
2,4-Dinitrotoluene	8270C	--	--	--
2,6-Dichlorophenol	8270C	--	--	--
2,6-Dinitrotoluene	8270C	--	--	--
2-Chloronaphthalene	8270C	--	--	--
2-Chlorophenol	8270C	--	--	--
2-Methylnaphthalene	8270C	--	--	--
2-Methylnaphthalene	8270C SIM	--	--	--
2-Nitroaniline	8270C	--	--	--
2-Nitrophenol	8270C	--	--	--
3,3'-Dichlorobenzidine	8270C	--	--	--
3-Methylcholanthrene	8270C	--	--	--
3-Nitroaniline	8270C	--	--	--
4,6-Dinitro-o-cresol	8270C	--	--	--
4-Aminobiphenyl	8270C	--	--	--
4-Bromophenylphenylether	8270C	--	--	--
4-Chlorophenylphenylether	8270C	--	--	--
4-Nitrophenol	8270C	--	--	--
4-Nitroquinoline-1-oxide	8270C	--	--	--
5-Nitro-o-toluidine	8270C	--	--	--
7,12-Dimethylbenz(a)anthracene	8270C	--	--	--
Acenaphthene	8270C	--	--	--
Acenaphthene	8270C SIM	--	--	--
Acenaphthylene	8270C	--	--	--
Acenaphthylene	8270C SIM	--	--	--
Acetamidofluorene	8270C	--	--	--
Acetophenone	8270C	--	--	--
alpha,alpha-Dimethylphenethylamine	8270C	--	--	--
alpha-Naphthylamine	8270C	--	--	--
alpha-Picoline	8270C	--	--	--
Aniline	8270C	--	--	--
Anthracene	8270C	--	--	--
Anthracene	8270C SIM	--	--	--
Aramite	8270C	--	--	--
Benzidine	8270C	--	--	--
Benzo(a)anthracene	8270C	--	--	--
Benzo(a)anthracene	8270C SIM	--	--	--
Benzo(a)pyrene	8270C	--	--	--
Benzo(a)pyrene	8270C SIM	--	--	--
Benzo(b)fluoranthene	8270C	--	--	--
Benzo(b)fluoranthene	8270C SIM	--	--	--
Benzo(ghi)perylene	8270C	--	--	--
Benzo(ghi)perylene	8270C SIM	--	--	--
Benzo(k)fluoranthene	8270C	--	--	--
Benzo(k)fluoranthene	8270C SIM	--	--	--
Benzoicacid	8270C	--	--	--
Benzylalcohol	8270C	--	--	--
beta-Naphthylamine	8270C	--	--	--
bis(2-Chloroethoxy)methane	8270C	--	--	--
bis(2-Chloroethyl)ether	8270C	--	--	--
bis(2-Chloroisopropyl)ether	8270C	--	--	--
bis(2-Ethylhexyl)phthalate	8270C	--	0.6 U	--
bis(2-Ethylhexyl)phthalate	8270C SIM	--	--	--
Butylbenzylphthalate	8270C	--	1.1 U	--
Butylbenzylphthalate	8270C SIM	--	--	--
Chlorobenzilate	8270C	--	--	--
Chrysene	8270C	--	--	--
Chrysene	8270C SIM	--	--	--
Diallate	8270C	--	--	--
Dibenzo(a,h)anthracene	8270C	--	--	--
Dibenzo(a,h)anthracene	8270C SIM	--	--	--

TABLE 13
SEMI-VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	WS-09A	WS-09A	WS-09A
	SampleType:	Primary	Primary	Primary
	Sample Name:	WS-09A_011211_01	WS-09A_060311_01	WS-09A_081111_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/12/2011	6/3/2011	8/11/2011
Analyte (ug/L)	**Method**			
Dibenzofuran	**8270C**	--	--	--
Diethylphthalate	**8270C**	--	0.41 U	--
Diethylphthalate	**8270C SIM**	--	--	--
Dimethylphthalate	**8270C**	--	0.22 U	--
Dimethylphthalate	**8270C SIM**	--	--	--
Di-n-butylphthalate	**8270C**	--	1.2 U	--
Di-n-butylphthalate	**8270C SIM**	--	--	--
Di-n-octylphthalate	**8270C**	--	0.37 U	--
Di-n-octylphthalate	**8270C SIM**	--	--	--
Diphenylamine	**8270C**	--	--	--
Ethylmethanesulfonate	**8270C**	--	--	--
Fluoranthene	**8270C**	--	--	--
Fluoranthene	**8270C SIM**	--	--	--
Fluorene	**8270C**	--	--	--
Fluorene	**8270C SIM**	--	--	--
Formaldehyde	**8315**	--	50 UJ	50 U
Formaldehyde	**8315A**	--	--	--
Hexachlorobenzene	**8270C**	--	--	--
Hexachlorobutadiene	**8270C**	--	--	--
Hexachlorocyclopentadiene	**8270C**	--	--	--
Hexachloroethane	**8270C**	--	--	--
Hexachlorophene	**8321A**	--	--	--
Hexachlorophene	**8151A**	--	--	--
Hexachloropropene	**8270C**	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C**	--	--	--
Indeno(1,2,3-cd)pyrene	**8270C SIM**	--	--	--
Isodrin	**8270C**	--	--	--
Isophorone	**8270C**	--	--	--
Isosafrole	**8270C**	--	--	--
Kepone	**8270C**	--	--	--
m+pCresol	**8270C**	--	--	--
m-Cresol	**8270C**	--	--	--
Methapyrilene	**8270C**	--	--	--
Methylmethanesulfonate	**8270C**	--	--	--
Naphthalene	**8270C**	--	--	--
Naphthalene	**8270C SIM**	--	--	--
Nitrobenzene	**8270C**	--	0.86 U	0.77 U
n-Nitrosodiethylamine	**8270C**	--	--	--
n-Nitrosodimethylamine	**1625M**	0.005 U	0.005 U	0.005 U
n-Nitrosodimethylamine	**8270C**	--	--	--
n-Nitrosodimethylamine	**8270C SIM**	--	--	--
n-Nitrosodi-n-butylamine	**8270C**	--	--	--
n-Nitrosodi-n-propylamine	**8270C**	--	--	--
n-Nitrosodiphenylamine	**8270C**	--	--	--
n-NitrosodiphenylamineasDiphenylamine	**8270C**	--	--	--
n-Nitrosomethylethylamine	**8270C**	--	--	--
n-Nitrosomorpholine	**8270C**	--	--	--
n-Nitrosopiperidine	**8270C**	--	--	--
n-Nitrosopyrrolidine	**8270C**	--	--	--
o,o,o-Triethylphosphorothioate	**8270C**	--	--	--
o-Cresol	**8270C**	--	--	--
o-Tolidine	**8270C**	--	--	--
o-Toluidine	**8270C**	--	--	--
p-Chloroaniline	**8270C**	--	--	--
p-Chloro-m-cresol	**8270C**	--	--	--
p-Cresol	**8270C**	--	--	--
p-Dimethylaminoazobenzene	**8270C**	--	--	--
Pentachlorobenzene	**8270C**	--	--	--
Pentachloroethane	**8270C**	--	--	--
Pentachloronitrobenzene	**8270C**	--	--	--
Pentachlorophenol	**8270C**	--	--	--
Phenacetin	**8270C**	--	--	--
Phenanthrene	**8270C**	--	--	--
Phenanthrene	**8270C SIM**	--	--	--
Phenol	**8270C**	--	--	--
p-Nitroaniline	**8270C**	--	--	--
p-Phenylenediamine	**8270C**	--	--	--
Pronamide	**8270C**	--	--	--
Pyrene	**8270C**	--	--	--
Pyrene	**8270C SIM**	--	--	--
Pyridine	**8270C**	--	--	--
Safrole	**8270C**	--	--	--
sym-Trinitrobenzene	**8270C**	--	--	--

NOTES AND ABBREVIATIONS

Chatsworth - Chatsworth Formation groundwater unit
Shallow - Near-surface groundwater u

µg/L - micrograms per liter

-- Not available
J - Result is estimated
R - Result is rejected
U - Not detected above the method det limit (MDL) or reporting limit (RL
UJ - The result is not detected; howeve the RL/MDL is estimated
SIM - selective ion monitoring

TABLE 14
PERCHLORATE ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:	SampleType:	Sample Name:	Groundwater Unit:	Lab Name:	Collection Date:	Perchlorate (ug/L)	
						314	6860
ES-17	Primary	ES-17_012711_01	Shallow	TA- Denver	1/27/2011	0.28 U	--
ES-17	Primary	ES-17_042511_01	Shallow	TA- Denver	4/25/2011	0.28 U	--
ES-17	Primary	ES-17_072611_01	Shallow	TA- Denver	7/26/2011	0.28 U	--
ES-26	Primary	ES-26_011811_01A	Shallow	TA- Denver	1/18/2011	0.28 U	--
ES-26	Field Duplicate	ES-26_011811_36A	Shallow	TA- Denver	1/18/2011	0.28 U	--
ES-26	Primary	ES-26_042611_01	Shallow	TA- Denver	4/26/2011	0.28 U	--
ES-26	Field Duplicate	ES-26_042611_36	Shallow	TA- Denver	4/26/2011	0.28 U	--
ES-26	Primary	ES-26_072611_01	Shallow	TA- Denver	7/26/2011	0.28 U	--
ES-27	Primary	ES-27_011711_01A	Shallow	TA- Denver	1/17/2011	0.28 U	--
ES-27	Primary	ES-27_042511_01	Shallow	TA- Denver	4/25/2011	0.28 U	--
ES-27	Primary	ES-27_072611_01	Shallow	TA- Denver	7/26/2011	0.28 U	--
HAR-01	Primary	HAR-01_020111_01	Chatsworth	TA- Denver	2/1/2011	38	42 R
HAR-01	Primary	HAR-01_042011_01	Chatsworth	TA- Denver	4/20/2011	47	50 R
HAR-01	Primary	HAR-01_080911_01	Chatsworth	TA- Denver	8/9/2011	59	62 R
HAR-02	Primary	HAR-02_042211_01	Shallow	TA- Denver	4/22/2011	0.63 J	1.3 R
HAR-03	Primary	HAR-03_012511_01	Shallow	TA- Denver	1/25/2011	2.2	2.5 R
HAR-03	Primary	HAR-03_042011_01	Shallow	TA- Denver	4/20/2011	1.9 J	2 R
HAR-03	Primary	HAR-03_080811_01	Shallow	TA- Denver	8/8/2011	3.1	2.6 R
HAR-04	Primary	HAR-04_012511_01	Shallow	TA- Denver	1/25/2011	--	1.5 R
HAR-04	Primary	HAR-04_012511_01A	Shallow	TA- Denver	1/25/2011	1.5 J	--
HAR-04	Primary	HAR-04_042011_01	Shallow	TA- Denver	4/20/2011	1.5 J	1.5 R
HAR-04	Split	HAR-04_042011_03	Shallow	TA- Irvine	4/20/2011	1.9 J	1.5 R
HAR-04	Primary	HAR-04_080511_01	Shallow	TA- Denver	8/5/2011	0.41 J	0.61 R
HAR-04	Field Duplicate	HAR-04_080511_36	Shallow	TA- Denver	8/5/2011	0.47 J	0.63 R
HAR-05	Primary	HAR-05_012411_01	Chatsworth	TA- Denver	1/24/2011	0.28 U	--
HAR-05	Primary	HAR-05_041311_01	Chatsworth	TA- Denver	4/13/2011	0.28 U	--
HAR-05	Primary	HAR-05_072511_01	Chatsworth	TA- Denver	7/25/2011	0.55 J	0.3 R
HAR-07	Primary	HAR-07_012711_01	Chatsworth	TA- Denver	1/27/2011	0.28 U	--
HAR-07	Primary	HAR-07_041211_01	Chatsworth	TA- Denver	4/12/2011	0.28 U	--
HAR-07	Field Duplicate	HAR-07_041211_36	Chatsworth	TA- Denver	4/12/2011	0.28 U	--
HAR-07	Primary	HAR-07_080211_01	Chatsworth	TA- Denver	8/2/2011	0.28 U	--
HAR-08	Primary	HAR-08_011711_01	Chatsworth	TA- Denver	1/17/2011	0.28 U	--
HAR-08	Primary	HAR-08_041911_01	Chatsworth	TA- Denver	4/19/2011	0.28 U	--
HAR-08	Primary	HAR-08_080211_01	Chatsworth	TA- Denver	8/2/2011	0.28 U	--
HAR-09	Primary	HAR-09_012611_01	Shallow	TA- Denver	1/26/2011	0.28 U	--
HAR-09	Primary	HAR-09_041411_01	Shallow	TA- Denver	4/14/2011	0.28 U	--
HAR-09	Primary	HAR-09_080411_01	Shallow	TA- Denver	8/4/2011	0.28 U	--
HAR-11	Primary	HAR-11_012011_01A	Shallow	TA- Denver	1/20/2011	0.28 U	--
HAR-11	Primary	HAR-11_041411_01	Shallow	TA- Denver	4/14/2011	0.28 U	--
HAR-11	Primary	HAR-11_072711_01	Shallow	TA- Denver	7/27/2011	0.28 U	--
HAR-12	Primary	HAR-12_011811_01	Shallow	TA- Denver	1/18/2011	0.28 U	--
HAR-12	Primary	HAR-12_041511_01	Shallow	TA- Denver	4/15/2011	0.28 U	--
HAR-12	Primary	HAR-12_072911_01	Shallow	TA- Denver	7/29/2011	0.28 U	--
HAR-13	Primary	HAR-13_011811_01	Shallow	TA- Denver	1/18/2011	--	0.87 R
HAR-13	Primary	HAR-13_011811_01A	Shallow	TA- Denver	1/18/2011	0.73 J	--
HAR-13	Primary	HAR-13_041911_01	Shallow	TA- Denver	4/19/2011	4 R	1
HAR-14	Primary	HAR-14_011811_01	Shallow	TA- Denver	1/18/2011	0.28 U	--
HAR-14	Primary	HAR-14_041511_01	Shallow	TA- Denver	4/15/2011	0.28 U	--
HAR-14	Primary	HAR-14_072911_01	Shallow	TA- Denver	7/29/2011	0.28 U	--
HAR-15	Primary	HAR-15_012111_01A	Shallow	TA- Denver	1/21/2011	0.28 U	--
HAR-15	Primary	HAR-15_041411_01	Shallow	TA- Denver	4/14/2011	0.28 U	--

TABLE 14
PERCHLORATE ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:	SampleType:	Sample Name:	Groundwater Unit:	Lab Name:	Collection Date:	Perchlorate (ug/L)	
						314	6860
HAR-15	Primary	HAR-15_072011_01	Shallow	TA- Denver	7/20/2011	2.8 U	--
HAR-16	Primary	HAR-16_012511_01	Chatsworth	TA- Denver	1/25/2011	130	130 R
HAR-16	Field Duplicate	HAR-16_012511_36	Chatsworth	TA- Denver	1/25/2011	130	120 R
HAR-16	Primary	HAR-16_042011_01	Chatsworth	TA- Denver	4/20/2011	12	12 R
HAR-16	Field Duplicate	HAR-16_042011_36	Chatsworth	TA- Denver	4/20/2011	12	12 R
HAR-16	Primary	HAR-16_080511_01	Chatsworth	TA- Denver	8/5/2011	61	65 R
HAR-19	Primary	HAR-19_012011_01	Chatsworth	TA- Denver	1/20/2011	0.28 U	--
HAR-19	Field Duplicate	HAR-19_012011_36	Chatsworth	TA- Denver	1/20/2011	0.28 U	--
HAR-19	Primary	HAR-19_041511_01	Chatsworth	TA- Denver	4/15/2011	0.28 U	--
HAR-19	Primary	HAR-19_071211_01	Chatsworth	TA- Denver	7/12/2011	0.28 U	--
HAR-19	Field Duplicate	HAR-19_071211_36	Chatsworth	TA- Denver	7/12/2011	0.28 U	--
HAR-20	Primary	HAR-20_012011_01A	Chatsworth	TA- Denver	1/20/2011	0.28 U	--
HAR-20	Primary	HAR-20_041411_01	Chatsworth	TA- Denver	4/14/2011	0.28 U	--
HAR-20	Primary	HAR-20_072711_01	Chatsworth	TA- Denver	7/27/2011	0.28 U	--
HAR-21	Primary	HAR-21_012611_01	Chatsworth	TA- Denver	1/26/2011	0.28 U	--
HAR-21	Primary	HAR-21_041311_01	Chatsworth	TA- Denver	4/13/2011	0.28 U	--
HAR-21	Primary	HAR-21_072911_01	Chatsworth	TA- Denver	7/29/2011	0.28 U	--
HAR-23	Primary	HAR-23_012011_01	Chatsworth	TA- Denver	1/20/2011	0.28 U	--
HAR-23	Primary	HAR-23_041911_01	Chatsworth	TA- Denver	4/19/2011	0.28 U	--
HAR-23	Primary	HAR-23_072511_01	Chatsworth	TA- Denver	7/25/2011	0.28 U	--
HAR-25	Primary	HAR-25_011711_01	Chatsworth	TA- Denver	1/17/2011	13	11 R
HAR-25	Primary	HAR-25_042211_01	Chatsworth	TA- Denver	4/22/2011	12	11 R
HAR-25	Primary	HAR-25_081011_01	Chatsworth	TA- Denver	8/10/2011	8.1 R	8
HAR-26	Primary	HAR-26_012011_01A	Chatsworth	TA- Denver	1/20/2011	0.28 U	--
HAR-26	Primary	HAR-26_040711_01	Chatsworth	TA- Denver	4/7/2011	0.28 U	--
HAR-26	Primary	HAR-26_072011_01	Chatsworth	TA- Denver	7/20/2011	0.28 U	--
HAR-27	Primary	HAR-27_011911_01A	Shallow	TA- Denver	1/19/2011	0.28 U	--
HAR-27	Primary	HAR-27_041211_01	Shallow	TA- Denver	4/12/2011	0.28 U	--
HAR-27	Primary	HAR-27_080211_01	Shallow	TA- Denver	8/2/2011	0.28 U	--
HAR-28	Primary	HAR-28_011911_01A	Shallow	TA- Denver	1/19/2011	0.28 U	--
HAR-28	Primary	HAR-28_041211_01	Shallow	TA- Denver	4/12/2011	0.28 U	--
HAR-28	Primary	HAR-28_080211_01	Shallow	TA- Denver	8/2/2011	0.28 U	--
HAR-29	Primary	HAR-29_011711_01	Shallow	TA- Denver	1/17/2011	0.28 U	--
HAR-29	Primary	HAR-29_041911_01	Shallow	TA- Denver	4/19/2011	3.5 R	2.3
HAR-29	Primary	HAR-29_080211_01	Shallow	TA- Denver	8/2/2011	1.1 J	1.4 R
HAR-30	Primary	HAR-30_012811_01	Shallow	TA- Denver	1/28/2011	0.28 U	--
HAR-30	Primary	HAR-30_042811_01	Shallow	TA- Denver	4/28/2011	0.28 U	--
HAR-30	Primary	HAR-30_072111_01	Shallow	TA- Denver	7/21/2011	0.28 U	--
HAR-31	Primary	HAR-31_011911_01A	Shallow	TA- Denver	1/19/2011	0.28 U	--
HAR-31	Primary	HAR-31_041411_01	Shallow	TA- Denver	4/14/2011	0.28 U	--
HAR-32	Primary	HAR-32_011711_01	Shallow	TA- Denver	1/17/2011	0.28 U	--
HAR-32	Primary	HAR-32_042711_01	Shallow	TA- Denver	4/27/2011	0.28 U	--
HAR-32	Primary	HAR-32_072111_01	Shallow	TA- Denver	7/21/2011	0.28 U	--
HAR-33	Primary	HAR-33_011711_01A	Shallow	TA- Denver	1/17/2011	0.28 U	--
HAR-33	Primary	HAR-33_042511_01	Shallow	TA- Denver	4/25/2011	0.28 U	--
HAR-33	Primary	HAR-33_072511_01	Shallow	TA- Denver	7/25/2011	0.28 U	--
PZ-035	Primary	PZ-035_042611_01	Shallow	TA- Denver	4/26/2011	0.28 U	--
PZ-035	Primary	PZ-035_072111_01A	Shallow	TA- Denver	7/21/2011	0.28 U	--
PZ-060	Primary	PZ-060_012811_01	Shallow	TA- Denver	1/28/2011	0.28 U	--
PZ-060	Primary	PZ-060_042711_01	Shallow	TA- Denver	4/27/2011	0.28 U	--
PZ-060	Primary	PZ-060_072111_01	Shallow	TA- Denver	7/21/2011	0.28 U	--

TABLE 14
PERCHLORATE ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:	SampleType:	Sample Name:	Groundwater Unit:	Lab Name:	Collection Date:	Perchlorate (ug/L)	
						314	6860
PZ-074	Primary	PZ-074_020211_01	Shallow	TA- Denver	2/2/2011	2.2	2.3 R
PZ-074	Primary	PZ-074_071111_01A	Shallow	TA- Denver	7/11/2011	0.28 U	--
RD-01	Primary	RD-01_042111_01	Chatsworth	TA- Denver	4/21/2011	0.28 U	--
RD-01	Primary	RD-01_071511_01	Chatsworth	TA- Denver	7/15/2011	0.28 U	--
RD-02	Primary	RD-02_042511_01	Chatsworth	TA- Denver	4/25/2011	0.28 U	--
RD-02	Primary	RD-02_071511_01	Chatsworth	TA- Denver	7/15/2011	0.28 U	--
RD-03	Primary	RD-03_020111_01	Chatsworth	TA- Denver	2/1/2011	0.28 U	--
RD-03	Primary	RD-03_042511_01	Chatsworth	TA- Denver	4/25/2011	0.28 U	--
RD-03	Primary	RD-03_080511_01	Chatsworth	TA- Denver	8/5/2011	0.28 U	--
RD-05A	Primary	RD-05A_011211_01	Chatsworth	TA- Denver	1/12/2011	0.28 U	--
RD-05A	Primary	RD-05A_041811_01	Chatsworth	TA- Denver	4/18/2011	0.28 U	--
RD-05A	Primary	RD-05A_071911_01	Chatsworth	TA- Denver	7/19/2011	0.28 U	--
RD-05B	Primary	RD-05B_011211_01	Chatsworth	TA- Denver	1/12/2011	0.28 U	--
RD-05B	Primary	RD-05B_041811_01	Chatsworth	TA- Denver	4/18/2011	0.28 U	--
RD-05B	Primary	RD-05B_071911_01	Chatsworth	TA- Denver	7/19/2011	0.28 U	--
RD-05C	Primary	RD-05C_011311_01	Chatsworth	TA- Denver	1/13/2011	0.28 U	--
RD-05C	Primary	RD-05C_041811_01	Chatsworth	TA- Denver	4/18/2011	0.28 U	--
RD-05C	Primary	RD-05C_071911_01	Chatsworth	TA- Denver	7/19/2011	0.28 U	--
RD-06	Primary	RD-06_011311_01	Chatsworth	TA- Denver	1/13/2011	0.28 U	--
RD-06	Primary	RD-06_041811_01	Chatsworth	TA- Denver	4/18/2011	0.28 U	--
RD-06	Primary	RD-06_071911_01	Chatsworth	TA- Denver	7/19/2011	0.28 U	--
RD-08	Primary	RD-08_011911_01	Chatsworth	TA- Denver	1/19/2011	0.28 U	--
RD-08	Primary	RD-08_041111_01	Chatsworth	TA- Denver	4/11/2011	0.28 U	--
RD-08	Primary	RD-08_071211_01	Chatsworth	TA- Denver	7/12/2011	0.28 U	--
RD-104	Primary	RD-104_042911_01	Chatsworth	TA- Denver	4/29/2011	0.28 U	--
RD-104	Primary	RD-104_072711_01	Chatsworth	TA- Denver	7/27/2011	0.28 U	--
RD-11	Primary	RD-11_012411_01A	Chatsworth	TA- Denver	1/24/2011	0.28 U	--
RD-11	Primary	RD-11_041111_01	Chatsworth	TA- Denver	4/11/2011	0.28 U	--
RD-11	Primary	RD-11_071911_01	Chatsworth	TA- Denver	7/19/2011	0.28 U	--
RD-12	Primary	RD-12_012411_01	Chatsworth	TA- Denver	1/24/2011	0.28 U	--
RD-12	Primary	RD-12_041111_01	Chatsworth	TA- Denver	4/11/2011	0.28 U	--
RD-12	Primary	RD-12_071911_01	Chatsworth	TA- Denver	7/19/2011	0.28 U	--
RD-32	Primary	RD-32_020111_01	Chatsworth	TA- Denver	2/1/2011	0.28 U	--
RD-32	Primary	RD-32_072811_01	Chatsworth	TA- Denver	7/28/2011	0.28 U	--
RD-32	Field Duplicate	RD-32_072811_36	Chatsworth	TA- Denver	7/28/2011	0.28 U	--
RD-33A (Port 2)	Primary	RD-33A_011911_01	Chatsworth	TA- Denver	1/19/2011	0.28 U	--
RD-33A (Port 2)	Primary	RD-33A_072111_01	Chatsworth	TA- Denver	7/21/2011	0.28 U	--
RD-33B	Primary	RD-33B_011311_01	Chatsworth	TA- Denver	1/13/2011	0.28 U	--
RD-33B	Primary	RD-33B_071211_01	Chatsworth	TA- Denver	7/12/2011	0.28 U	--
RD-33C	Primary	RD-33C_012511_01	Chatsworth	TA- Denver	1/25/2011	0.28 U	--
RD-33C	Primary	RD-33C_071211_01	Chatsworth	TA- Denver	7/12/2011	0.28 U	--
RD-34A	Primary	RD-34A_012611_01	Chatsworth	TA- Denver	1/26/2011	0.28 U	--
RD-34B	Primary	RD-34B_012511_01	Chatsworth	TA- Denver	1/25/2011	0.28 U	--
RD-34C	Primary	RD-34C_012411_01	Chatsworth	TA- Denver	1/24/2011	0.28 U	--
RD-35A	Primary	RD-35A_080511_01	Chatsworth	TA- Denver	8/5/2011	0.41 J	0.58 R
RD-35B	Primary	RD-35B_080511_01	Chatsworth	TA- Denver	8/5/2011	0.28 U	--
RD-36A	Primary	RD-36A_040711_01	Chatsworth	TA- Denver	4/7/2011	0.28 U	--
RD-36B	Primary	RD-36B_011711_01	Chatsworth	TA- Denver	1/17/2011	0.28 U	--
RD-36B	Primary	RD-36B_040711_01	Chatsworth	TA- Denver	4/7/2011	0.28 U	--
RD-36B	Primary	RD-36B_080411_01	Chatsworth	TA- Denver	8/4/2011	0.28 U	--
RD-36C	Primary	RD-36C_011711_01A	Chatsworth	TA- Denver	1/17/2011	0.28 U	--

TABLE 14
PERCHLORATE ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:	SampleType:	Sample Name:	Groundwater Unit:	Lab Name:	Collection Date:	Perchlorate (ug/L)	
						314	6860
RD-36C	Primary	RD-36C_040711_01	Chatsworth	TA- Denver	4/7/2011	0.28 U	--
RD-36C	Primary	RD-36C_080411_01	Chatsworth	TA- Denver	8/4/2011	0.28 U	--
RD-36D	Primary	RD-36D_011711_01	Chatsworth	TA- Denver	1/17/2011	0.28 U	--
RD-36D	Primary	RD-36D_040711_01	Chatsworth	TA- Denver	4/7/2011	0.28 U	--
RD-36D	Primary	RD-36D_080411_01	Chatsworth	TA- Denver	8/4/2011	0.28 U	--
RD-37	Primary	RD-37_011911_01	Chatsworth	TA- Denver	1/19/2011	0.28 U	--
RD-37	Field Duplicate	RD-37_011911_36	Chatsworth	TA- Denver	1/19/2011	0.28 U	--
RD-37	Primary	RD-37_040811_01	Chatsworth	TA- Denver	4/8/2011	0.28 U	--
RD-37	Primary	RD-37_080311_01	Chatsworth	TA- Denver	8/3/2011	0.28 U	--
RD-38B	Primary	RD-38B_020211_01	Chatsworth	TA- Denver	2/2/2011	0.28 U	--
RD-38B	Field Duplicate	RD-38B_020211_36	Chatsworth	TA- Denver	2/2/2011	0.28 U	--
RD-38B	Primary	RD-38B_042211_01	Chatsworth	TA- Denver	4/22/2011	0.28 U	--
RD-38B	Primary	RD-38B_072811_01	Chatsworth	TA- Denver	7/28/2011	0.28 U	--
RD-38B	Field Duplicate	RD-38B_072811_36	Chatsworth	TA- Denver	7/28/2011	0.28 U	--
RD-39A	Primary	RD-39A_011911_01	Chatsworth	TA- Denver	1/19/2011	0.28 U	--
RD-39B	Primary	RD-39B_011911_01	Chatsworth	TA- Denver	1/19/2011	0.28 U	--
RD-39B	Primary	RD-39B_040811_01	Chatsworth	TA- Denver	4/8/2011	0.28 U	--
RD-39B	Field Duplicate	RD-39B_040811_36	Chatsworth	TA- Denver	4/8/2011	0.28 U	--
RD-39B	Primary	RD-39B_080311_01	Chatsworth	TA- Denver	8/3/2011	0.28 U	--
RD-41A	Primary	RD-41A_013111_01A	Chatsworth	TA- Denver	1/31/2011	0.28 U	--
RD-41A	Primary	RD-41A_041111_01	Chatsworth	TA- Denver	4/11/2011	0.28 U	--
RD-43A	Primary	RD-43A_020211_01	Chatsworth	TA- Denver	2/2/2011	0.28 U	--
RD-43A	Primary	RD-43A_042211_01	Chatsworth	TA- Denver	4/22/2011	0.28 U	--
RD-43A	Primary	RD-43A_080511_01	Chatsworth	TA- Denver	8/5/2011	0.28 U	--
RD-43B	Primary	RD-43B_020111_01	Chatsworth	TA- Denver	2/1/2011	0.28 U	--
RD-43B	Primary	RD-43B_042211_01	Chatsworth	TA- Denver	4/22/2011	0.28 U	--
RD-43B	Primary	RD-43B_080411_01	Chatsworth	TA- Denver	8/4/2011	0.28 U	--
RD-43C	Primary	RD-43C_020211_01	Chatsworth	TA- Denver	2/2/2011	0.28 U	--
RD-43C	Primary	RD-43C_042211_01	Chatsworth	TA- Denver	4/22/2011	0.28 U	--
RD-43C	Primary	RD-43C_080411_01	Chatsworth	TA- Denver	8/4/2011	0.28 U	--
RD-43C	Field Duplicate	RD-43C_080411_36	Chatsworth	TA- Denver	8/4/2011	0.28 U	--
RD-45A	Primary	RD-45A_012111_01	Chatsworth	TA- Denver	1/21/2011	0.28 U	--
RD-45A	Primary	RD-45A_042511_01	Chatsworth	TA- Denver	4/25/2011	0.28 U	--
RD-45A	Primary	RD-45A_081011_01	Chatsworth	TA- Denver	8/10/2011	0.28 U	--
RD-45B	Primary	RD-45B_013111_01	Chatsworth	TA- Denver	1/31/2011	0.28 U	--
RD-45B	Primary	RD-45B_042211_01	Chatsworth	TA- Denver	4/22/2011	0.28 U	--
RD-45B	Primary	RD-45B_081011_01	Chatsworth	TA- Denver	8/10/2011	0.28 U	--
RD-45C	Primary	RD-45C_013111_01	Chatsworth	TA- Denver	1/31/2011	0.28 U	--
RD-45C	Primary	RD-45C_042211_01	Chatsworth	TA- Denver	4/22/2011	0.28 U	--
RD-45C	Primary	RD-45C_081011_01	Chatsworth	TA- Denver	8/10/2011	0.28 U	--
RD-46A	Primary	RD-46A_012511_01	Chatsworth	TA- Denver	1/25/2011	0.28 U	--
RD-46A	Primary	RD-46A_042111_01	Chatsworth	TA- Denver	4/21/2011	0.28 U	--
RD-46A	Primary	RD-46A_080811_01	Chatsworth	TA- Denver	8/8/2011	0.28 U	--
RD-46B	Primary	RD-46B_012511_01	Chatsworth	TA- Denver	1/25/2011	0.28 U	--
RD-46B	Primary	RD-46B_042111_01	Chatsworth	TA- Denver	4/21/2011	0.28 U	--
RD-46B	Primary	RD-46B_080811_01	Chatsworth	TA- Denver	8/8/2011	0.28 U	--
RD-48A	Primary	RD-48A_011811_01	Chatsworth	TA- Denver	1/18/2011	0.28 U	--
RD-48A	Primary	RD-48A_040611_01	Chatsworth	TA- Denver	4/6/2011	0.28 U	--
RD-48A	Primary	RD-48A_080111_01	Chatsworth	TA- Denver	8/1/2011	0.28 U	--
RD-48B	Primary	RD-48B_011811_01	Chatsworth	TA- Denver	1/18/2011	0.28 U	--
RD-48B	Primary	RD-48B_040611_01	Chatsworth	TA- Denver	4/6/2011	2.1 R	0.0088 U

TABLE 14
PERCHLORATE ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:	SampleType:	Sample Name:	Groundwater Unit:	Lab Name:	Collection Date:	Perchlorate (ug/L)	
						314	6860
RD-48B	Primary	RD-48B_080111_01	Chatsworth	TA- Denver	8/1/2011	0.28 U	--
RD-48C	Primary	RD-48C_020111_01	Chatsworth	TA- Denver	2/1/2011	0.28 U	--
RD-48C	Primary	RD-48C_042211_01	Chatsworth	TA- Denver	4/22/2011	0.28 U	--
RD-48C	Primary	RD-48C_080111_01	Chatsworth	TA- Denver	8/1/2011	0.28 U	--
RD-49A	Primary	RD-49A_012811_01	Chatsworth	TA- Denver	1/28/2011	0.28 U	--
RD-49A	Primary	RD-49A_041511_01	Chatsworth	TA- Denver	4/15/2011	0.28 U	--
RD-49B	Primary	RD-49B_012111_01A	Chatsworth	TA- Denver	1/21/2011	0.28 U	--
RD-49B	Primary	RD-49B_041511_01	Chatsworth	TA- Denver	4/15/2011	0.28 U	--
RD-49B	Field Duplicate	RD-49B_041511_36	Chatsworth	TA- Denver	4/15/2011	0.28 U	--
RD-49C	Primary	RD-49C_012111_01	Chatsworth	TA- Denver	1/21/2011	0.28 U	--
RD-49C	Primary	RD-49C_041511_01	Chatsworth	TA- Denver	4/15/2011	0.78 R	0.0088 U
RD-49C	Primary	RD-49C_080511_01	Chatsworth	TA- Denver	8/5/2011	0.28 U	--
RD-50 (Port 2)	Primary	RD-50_011911_01	Chatsworth	TA- Denver	1/19/2011	0.28 U	--
RD-50 (Port 2)	Primary	RD-50_072111_01	Chatsworth	TA- Denver	7/21/2011	0.81 J	0.41 R
RD-51A	Primary	RD-51A_011811_01A	Chatsworth	TA- Denver	1/18/2011	0.28 U	--
RD-51A	Primary	RD-51A_040811_01	Chatsworth	TA- Denver	4/8/2011	0.28 U	--
RD-51A	Primary	RD-51A_080311_01	Chatsworth	TA- Denver	8/3/2011	0.28 U	--
RD-51B	Primary	RD-51B_012611_01	Chatsworth	TA- Denver	1/26/2011	0.28 U	--
RD-51B	Primary	RD-51B_041311_01	Chatsworth	TA- Denver	4/13/2011	0.28 U	--
RD-51B	Primary	RD-51B_080311_01	Chatsworth	TA- Denver	8/3/2011	0.28 U	--
RD-51C	Primary	RD-51C_012611_01	Chatsworth	TA- Denver	1/26/2011	0.28 U	--
RD-51C	Primary	RD-51C_041311_01	Chatsworth	TA- Denver	4/13/2011	0.28 U	--
RD-51C	Primary	RD-51C_080311_01	Chatsworth	TA- Denver	8/3/2011	0.28 U	--
RD-52A	Primary	RD-52A_012111_01	Chatsworth	TA- Denver	1/21/2011	0.28 U	--
RD-52A	Primary	RD-52A_042011_01	Chatsworth	TA- Denver	4/20/2011	0.28 U	--
RD-52A	Primary	RD-52A_071811_01	Chatsworth	TA- Denver	7/18/2011	0.28 U	--
RD-52B	Primary	RD-52B_013111_01A	Chatsworth	TA- Denver	1/31/2011	0.28 U	--
RD-52B	Primary	RD-52B_042011_01	Chatsworth	TA- Denver	4/20/2011	0.28 U	--
RD-52B	Primary	RD-52B_071511_01	Chatsworth	TA- Denver	7/15/2011	0.28 U	--
RD-52C	Primary	RD-52C_013111_01	Chatsworth	TA- Denver	1/31/2011	0.28 U	--
RD-52C	Primary	RD-52C_042011_01	Chatsworth	TA- Denver	4/20/2011	0.28 U	--
RD-52C	Primary	RD-52C_071311_01	Chatsworth	TA- Denver	7/13/2011	0.28 U	--
RD-53	Primary	RD-53_042511_01	Chatsworth	TA- Denver	4/25/2011	0.28 U	--
RD-53	Primary	RD-53_071811_01	Chatsworth	TA- Denver	7/18/2011	0.28 U	--
RD-54A (Port 2)	Primary	RD-54A_072111_01	Chatsworth	TA- Denver	7/21/2011	0.28 U	--
RD-55A	Primary	RD-55A_011411_01	Chatsworth	TA- Denver	1/14/2011	0.28 U	--
RD-55A	Primary	RD-55A_042611_01	Chatsworth	TA- Denver	4/26/2011	0.28 U	--
RD-55A	Primary	RD-55A_072611_01	Chatsworth	TA- Denver	7/26/2011	0.92 J	0.31 R
RD-55B	Primary	RD-55B_011411_01A	Chatsworth	TA- Denver	1/14/2011	0.28 U	--
RD-55B	Primary	RD-55B_042611_01	Chatsworth	TA- Denver	4/26/2011	0.28 U	--
RD-55B	Primary	RD-55B_072911_01	Chatsworth	TA- Denver	7/29/2011	0.28 U	--
RD-57 (Port 7)	Primary	RD-57_011911_01	Chatsworth	TA- Denver	1/19/2011	0.28 U	--
RD-57 (Port 7)	Primary	RD-57_072211_01	Chatsworth	TA- Denver	7/22/2011	0.28 U	--
RD-58A	Primary	RD-58A_011411_01A	Chatsworth	TA- Denver	1/14/2011	0.28 U	--
RD-58A	Split	RD-58A_011411_03A	Chatsworth	TA- Irvine	1/14/2011	0.9 U	--
RD-58A	Primary	RD-58A_040611_01	Chatsworth	TA- Denver	4/6/2011	0.28 U	--
RD-58A	Primary	RD-58A_072511_01	Chatsworth	TA- Denver	7/25/2011	0.28 U	--
RD-58A	Field Duplicate	RD-58A_072511_36	Chatsworth	TA- Denver	7/25/2011	0.28 U	--
RD-58B	Primary	RD-58B_011411_01	Chatsworth	TA- Denver	1/14/2011	0.28 U	--
RD-58B	Primary	RD-58B_040611_01	Chatsworth	TA- Denver	4/6/2011	0.67 R	0.0088 U
RD-58B	Primary	RD-58B_072511_01	Chatsworth	TA- Denver	7/25/2011	0.28 U	--

TABLE 14
PERCHLORATE ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:	SampleType:	Sample Name:	Groundwater Unit:	Lab Name:	Collection Date:	Perchlorate (ug/L)	
						314	6860
RD-58C	Primary	RD-58C_011411_01	Chatsworth	TA- Denver	1/14/2011	0.28 U	--
RD-58C	Field Duplicate	RD-58C_011411_36	Chatsworth	TA- Denver	1/14/2011	0.28 U	--
RD-58C	Primary	RD-58C_040611_01	Chatsworth	TA- Denver	4/6/2011	0.28 U	--
RD-58C	Primary	RD-58C_072511_01	Chatsworth	TA- Denver	7/25/2011	0.28 U	--
RD-59A	Primary	RD-59A_011211_01	Chatsworth	TA- Denver	1/12/2011	0.28 U	--
RD-59A	Primary	RD-59A_071111_01	Chatsworth	TA- Denver	7/11/2011	0.28 U	--
RD-59B	Primary	RD-59B_011211_01	Chatsworth	TA- Denver	1/12/2011	0.28 U	--
RD-59B	Field Duplicate	RD-59B_011211_36	Chatsworth	TA- Denver	1/12/2011	0.28 U	--
RD-59B	Primary	RD-59B_071111_01	Chatsworth	TA- Denver	7/11/2011	0.28 U	--
RD-59C	Primary	RD-59C_011211_01	Chatsworth	TA- Denver	1/12/2011	0.28 U	--
RD-59C	Primary	RD-59C_071111_01	Chatsworth	TA- Denver	7/11/2011	0.28 U	--
RD-66	Primary	RD-66_020211_01	Chatsworth	TA- Denver	2/2/2011	0.28 U	--
RD-66	Primary	RD-66_080411_01	Chatsworth	TA- Denver	8/4/2011	0.28 U	--
RD-68A	Primary	RD-68A_011211_01	Chatsworth	TA- Denver	1/12/2011	0.28 U	--
RD-68A	Primary	RD-68A_041811_01	Chatsworth	TA- Denver	4/18/2011	0.28 U	--
RD-68A	Primary	RD-68A_071111_01	Chatsworth	TA- Denver	7/11/2011	0.28 U	--
RD-68B	Primary	RD-68B_011211_01	Chatsworth	TA- Denver	1/12/2011	0.28 U	--
RD-68B	Primary	RD-68B_041811_01	Chatsworth	TA- Denver	4/18/2011	0.28 U	--
RD-68B	Primary	RD-68B_071111_01	Chatsworth	TA- Denver	7/11/2011	0.67 R	0.0088 U
RD-71	Primary	RD-71_020411_01	Chatsworth	TA- Denver	2/4/2011	0.28 U	--
RD-71	Primary	RD-71_080511_01	Chatsworth	TA- Denver	8/5/2011	0.28 U	--
RD-71	Field Duplicate	RD-71_080511_36	Chatsworth	TA- Denver	8/5/2011	0.28 U	--
RD-75	Primary	RD-75_020311_01	Chatsworth	TA- Denver	2/3/2011	0.28 U	--
RD-75	Primary	RD-75_071411_01	Chatsworth	TA- Denver	7/14/2011	0.28 U	--
RD-76	Primary	RD-76_013111_01	Chatsworth	TA- Denver	1/31/2011	0.28 U	--
RD-76	Primary	RD-76_071211_01	Chatsworth	TA- Denver	7/12/2011	0.28 U	--
RD-77	Primary	RD-77_020211_01	Chatsworth	TA- Denver	2/2/2011	--	230 R
RD-77	Primary	RD-77_020211_01A	Chatsworth	TA- Denver	2/2/2011	230	--
RD-77	Primary	RD-77_042211_01	Chatsworth	TA- Denver	4/22/2011	240	240 R
RD-78	Primary	RD-78_020411_01	Chatsworth	TA- Denver	2/4/2011	0.28 U	--
RD-78	Primary	RD-78_080511_01	Chatsworth	TA- Denver	8/5/2011	0.28 U	--
RS-07	Primary	RS-07_020111_01A	Shallow	TA- Denver	2/1/2011	0.28 U	--
RS-07	Primary	RS-07_042111_01	Shallow	TA- Denver	4/21/2011	0.28 U	--
RS-08	Primary	RS-08_012611_01	Shallow	TA- Denver	1/26/2011	0.28 U	--
RS-08	Primary	RS-08_041311_01	Shallow	TA- Denver	4/13/2011	0.28 U	--
RS-08	Primary	RS-08_072911_01	Shallow	TA- Denver	7/29/2011	0.55 U	--
RS-13	Primary	RS-13_042811_01	Shallow	TA- Denver	4/28/2011	0.28 U	--
RS-18	Primary	RS-18_071411_01	Shallow	TA- Denver	7/14/2011	6.3	6.6 R
RS-20	Primary	RS-20_080911_01A	Shallow	TA- Denver	8/9/2011	0.28 U	--
RS-33	Primary	RS-33_011411_01	Shallow	TA- Denver	1/14/2011	0.28 U	--
RS-33	Primary	RS-33_040711_01	Shallow	TA- Denver	4/7/2011	0.28 U	--
RS-33	Primary	RS-33_072611_01	Shallow	TA- Denver	7/26/2011	0.28 U	--
RS-34	Primary	RS-34_012811_01A	Shallow	TA- Denver	1/28/2011	0.28 U	--
RS-34	Primary	RS-34_042711_01	Shallow	TA- Denver	4/27/2011	0.28 U	--
RS-34	Primary	RS-34_072111_01	Shallow	TA- Denver	7/21/2011	0.28 U	--
SH-02	Primary	SH-02_012111_01A	Shallow	TA- Denver	1/21/2011	0.28 U	--
SH-02	Primary	SH-02_040811_01	Shallow	TA- Denver	4/8/2011	0.28 U	--
SH-02	Primary	SH-02_072011_01	Shallow	TA- Denver	7/20/2011	1.4 U	--
SH-03	Primary	SH-03_012111_01A	Shallow	TA- Denver	1/21/2011	0.28 U	--
SH-03	Primary	SH-03_040811_01	Shallow	TA- Denver	4/8/2011	0.28 U	--
SH-04	Primary	SH-04_012111_01	Shallow	TA- Denver	1/21/2011	0.28 U	--

TABLE 14
PERCHLORATE ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:	SampleType:	Sample Name:	Groundwater Unit:	Lab Name:	Collection Date:	Perchlorate (ug/L)	
						314	6860
SH-04	Primary	SH-04_040711_01	Shallow	TA- Denver	4/7/2011	0.28 U	--
SH-04	Primary	SH-04_072011_01	Shallow	TA- Denver	7/20/2011	0.28 U	--
SH-07	Primary	SH-07_012711_01A	Shallow	TA- Denver	1/27/2011	0.28 U	--
SH-07	Primary	SH-07_041211_01	Shallow	TA- Denver	4/12/2011	0.28 U	--
SH-07	Primary	SH-07_072011_01B	Shallow	TA- Denver	7/20/2011	0.28 U	--
SH-09	Primary	SH-09_012011_01A	Shallow	TA- Denver	1/20/2011	0.28 U	--
SH-09	Primary	SH-09_041111_01	Shallow	TA- Denver	4/11/2011	0.28 U	--
SH-11	Primary	SH-11_012011_01	Shallow	TA- Denver	1/20/2011	0.28 U	--
SH-11	Primary	SH-11_040611_01	Shallow	TA- Denver	4/6/2011	0.28 U	--
SH-11	Primary	SH-11_072011_01B	Shallow	TA- Denver	7/20/2011	0.28 U	--
WS-04A	Primary	WS-04A_020111_01	Chatsworth	TA- Denver	2/1/2011	0.28 U	--
WS-04A	Primary	WS-04A_042011_01	Chatsworth	TA- Denver	4/20/2011	0.28 U	--
WS-04A	Primary	WS-04A_071811_01	Chatsworth	TA- Denver	7/18/2011	0.28 U	--
WS-09A	Primary	WS-09A_060311_01	Chatsworth	TA- Denver	6/3/2011	0.28 U	--
WS-09A	Primary	WS-09A_081111_01	Chatsworth	TA- Denver	8/11/2011	0.28 U	--

NOTES AND ABBREVIATIONS

Chatsworth - Chatsworth Formation groundwater unit
Shallow - Near-surface groundwater unit

µg/L - micrograms per liter
-- Not available
J - Result is estimated
R - Result is rejected
U - Not detected above the method detection limit (MDL) or reporting limit (RL)

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		ES-17	ES-17	ES-26	ES-26	ES-26	ES-27	ES-27	HAR-01	HAR-01	HAR-01
SampleType:		Primary	Primary	Primary	Field Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		ES-17_042511_01	ES-17_072611_01	ES-26_042611_01	ES-26_042611_36	ES-26_072611_01	ES-27_042511_01	ES-27_072611_01	HAR-01_020111_01	HAR-01_042011_01	HAR-01_080911_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/25/2011	7/26/2011	4/26/2011	4/26/2011	7/26/2011	4/25/2011	7/26/2011	2/1/2011	4/20/2011	8/9/2011
Analyte (mg/L)	**Method**										
DieselRangeOrganics(C12-C14)	**8015B**	0.032 U	0.031 U	0.033 U	0.033 U	0.034 U	0.03 U	0.031 U	0.03 U	0.032 U	0.031 U
DieselRangeOrganics(C21-C30)	**8015B**	0.032 U	0.031 U	0.033 U	0.033 U	0.034 U	0.03 U	0.031 U	0.03 U	0.032 U	0.031 U
DieselRangeOrganics(C8-C30)	**8015B**	0.079 U	0.076 U	0.079 U	0.079 U	0.082 U	0.074 U	0.074 U	0.074 U	0.077 U	0.074 U
GasolineRangeOrganics(C6-C12)(ug/L)	**8015B**	--	--	--	--	--	--	--	--	--	--
GasolineRangeOrganics(C8-C11)	**8015B**	0.079 U	0.075 U	0.079 U	0.079 U	0.082 U	0.074 U	0.074 U	0.074 U	0.077 U	0.074 U
KeroseneRange(C15-C20)	**8015B**	0.032 U	0.031 U	0.033 U	0.033 U	0.034 U	0.03 U	0.031 U	0.03 U	0.032 U	0.031 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-02	HAR-03	HAR-03	HAR-03	HAR-04	HAR-04	HAR-04	HAR-04	HAR-04	HAR-05
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Split	Primary	Field Duplicate	Primary
Sample Name:		HAR-02_042211_01	HAR-03_012511_01	HAR-03_042011_01	HAR-03_080811_01	HAR-04_012511_01	HAR-04_042011_01	HAR-04_042011_03	HAR-04_080511_01	HAR-04_080511_36	HAR-05_012411_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/22/2011	1/25/2011	4/20/2011	8/8/2011	1/25/2011	4/20/2011	4/20/2011	8/5/2011	8/5/2011	1/24/2011
Analyte (mg/L)	**Method**										
DieselRangeOrganics(C12-C14)	**8015B**	0.031 U	0.032 U	0.033 U	0.031 U	0.031 U	0.031 U	0.12 U	0.033 U	0.033 U	0.034 U
DieselRangeOrganics(C21-C30)	**8015B**	0.031 U	0.032 U	0.033 U	0.031 U	0.031 U	0.031 U	0.12 U	0.033 U	0.033 U	0.034 U
DieselRangeOrganics(C8-C30)	**8015B**	0.076 U	0.077 U	0.079 U	0.074 U	0.076 U	0.074 U	0.12 U	0.079 U	0.08 U	0.083 U
GasolineRangeOrganics(C6-C12)(ug/L)	**8015B**	--	--	--	--	--	--	--	--	--	--
GasolineRangeOrganics(C8-C11)	**8015B**	0.076 U	0.077 U	0.079 U	0.074 U	0.075 R	0.074 U	0.12 U	0.079 U	0.079 U	0.083 U
KeroseneRange(C15-C20)	**8015B**	0.031 U	0.032 U	0.033 U	0.031 U	0.031 U	0.031 U	0.12 U	0.033 U	0.033 U	0.034 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-05	HAR-05	HAR-07	HAR-07	HAR-07	HAR-07	HAR-08	HAR-08	HAR-08	HAR-09
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-05_041311_01	HAR-05_072511_01	HAR-07_012711_01	HAR-07_041211_01	HAR-07_041211_36	HAR-07_080211_01	HAR-08_011711_01	HAR-08_041911_01	HAR-08_080211_01	HAR-09_012611_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/13/2011	7/25/2011	1/27/2011	4/12/2011	4/12/2011	8/2/2011	1/17/2011	4/19/2011	8/2/2011	1/26/2011
Analyte (mg/L)	**Method**										
DieselRangeOrganics(C12-C14)	**8015B**	0.032 U	0.031 U	0.031 U	0.032 U	0.033 U	0.031 U	0.033 U	0.031 U	0.035 U	0.031 U
DieselRangeOrganics(C21-C30)	**8015B**	0.032 U	0.031 U	0.031 U	0.032 U	0.033 U	0.031 U	0.033 U	0.031 U	0.035 U	0.066 J
DieselRangeOrganics(C8-C30)	**8015B**	0.077 U	0.074 U	0.074 U	0.078 U	0.08 U	0.074 U	0.08 U	0.074 U	0.084 U	0.087 J
GasolineRangeOrganics(C6-C12)(ug/L)	**8015B**	--	--	--	--	--	--	--	--	--	--
GasolineRangeOrganics(C8-C11)	**8015B**	0.077 U	0.074 U	0.074 R	0.078 U	0.08 U	0.074 U	0.08 U	0.074 U	0.084 U	0.074 U
KeroseneRange(C15-C20)	**8015B**	0.032 U	0.031 U	0.031 U	0.032 U	0.033 U	0.031 U	0.033 U	0.031 U	0.035 U	0.031 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-09	HAR-09	HAR-11	HAR-11	HAR-11	HAR-12	HAR-12	HAR-12	HAR-13	HAR-13
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-09_041411_01	HAR-09_080411_01	HAR-11_012011_01	HAR-11_041411_01	HAR-11_072711_01	HAR-12_011811_01	HAR-12_041511_01	HAR-12_072911_01	HAR-13_011811_01	HAR-13_041911_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/14/2011	8/4/2011	1/20/2011	4/14/2011	7/27/2011	1/18/2011	4/15/2011	7/29/2011	1/18/2011	4/19/2011
Analyte (mg/L)	**Method**										
DieselRangeOrganics(C12-C14)	**8015B**	0.031 U	0.034 U	0.034 J	0.031 U	0.034 U	0.031 U	0.031 U	0.032 U	0.032 U	0.032 U
DieselRangeOrganics(C21-C30)	**8015B**	0.031 U	0.034 U	0.12 J	0.16 J	0.15 J	0.031 U	0.031 U	0.032 U	0.032 U	0.032 U
DieselRangeOrganics(C8-C30)	**8015B**	0.074 U	0.081 U	0.33	0.24	0.4	0.076 U	0.074 U	0.077 U	0.077 U	0.078 U
GasolineRangeOrganics(C6-C12)(ug/L)	**8015B**	--	--	--	--	--	--	--	--	--	--
GasolineRangeOrganics(C8-C11)	**8015B**	0.074 U	0.081 U	0.076 U	0.076 U	0.082 U	0.076 U	0.074 U	0.077 U	0.077 U	0.078 U
KeroseneRange(C15-C20)	**8015B**	0.031 U	0.034 U	0.16 J	0.074 J	0.19 J	0.031 U	0.031 U	0.032 U	0.032 U	0.032 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-14	HAR-14	HAR-14	HAR-15	HAR-15	HAR-15	HAR-16	HAR-16	HAR-16	HAR-16
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Field Duplicate	Primary	Field Duplicate
Sample Name:		HAR-14_011811_01	HAR-14_041511_01	HAR-14_072911_01	HAR-15_012111_01	HAR-15_041411_01	HAR-15_072011_01	HAR-16_012511_01	HAR-16_012511_36	HAR-16_042011_01	HAR-16_042011_36
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/18/2011	4/15/2011	7/29/2011	1/21/2011	4/14/2011	7/20/2011	1/25/2011	1/25/2011	4/20/2011	4/20/2011
Analyte (mg/L)	**Method**										
DieselRangeOrganics(C12-C14)	**8015B**	0.031 U	0.031 U	0.031 U	0.032 U	0.032 U	0.031 U	0.034 U	0.031 U	0.033 U	0.032 U
DieselRangeOrganics(C21-C30)	**8015B**	0.031 U	0.031 U	0.031 U	0.032 U	0.032 U	0.031 U	0.034 U	0.031 U	0.033 U	0.032 U
DieselRangeOrganics(C8-C30)	**8015B**	0.076 U	0.074 U	0.075 U	0.078 U	0.078 U	0.074 U	0.081 U	0.074 U	0.081 U	0.077 U
GasolineRangeOrganics(C6-C12)(ug/L)	**8015B**	--	--	--	--	--	--	--	--	--	--
GasolineRangeOrganics(C8-C11)	**8015B**	0.076 U	0.074 U	0.075 U	0.077 U	0.077 U	0.074 U	0.081 U	0.074 U	0.081 U	0.077 U
KeroseneRange(C15-C20)	**8015B**	0.031 U	0.031 U	0.031 U	0.032 U	0.032 U	0.031 U	0.034 U	0.031 U	0.033 U	0.032 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-16	HAR-19	HAR-19	HAR-19	HAR-19	HAR-19	HAR-20	HAR-20	HAR-20	HAR-21
SampleType:		Primary	Primary	Field Duplicate	Primary	Primary	Field Duplicate	Primary	Primary	Primary	Primary
Sample Name:		HAR-16_080511_01	HAR-19_012011_01	HAR-19_012011_36	HAR-19_041511_01	HAR-19_071211_01	HAR-19_071211_36	HAR-20_012011_01	HAR-20_041411_01	HAR-20_072711_01	HAR-21_012611_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/5/2011	1/20/2011	1/20/2011	4/15/2011	7/12/2011	7/12/2011	1/20/2011	4/14/2011	7/27/2011	1/26/2011
Analyte (mg/L)	**Method**										
DieselRangeOrganics(C12-C14)	**8015B**	0.031 U	0.031 U	0.032 U	0.034 U	0.031 U	0.03 U	0.031 U	0.032 U	0.034 U	0.032 U
DieselRangeOrganics(C21-C30)	**8015B**	0.031 U	0.031 U	0.032 U	0.034 UJ	0.031 U	0.03 U	0.064 J	0.032 U	0.061 J	0.032 U
DieselRangeOrganics(C8-C30)	**8015B**	0.074 U	0.086 J	0.078 U	0.083 U	0.074 J	0.074 U	0.18 J	0.078 U	0.15 J	0.078 U
GasolineRangeOrganics(C6-C12)(ug/L)	**8015B**	--	--	--	--	--	--	--	--	--	--
GasolineRangeOrganics(C8-C11)	**8015B**	0.074 U	0.075 U	0.077 U	0.082 U	0.074 U	0.073 U	0.075 U	0.078 U	0.081 U	0.078 U
KeroseneRange(C15-C20)	**8015B**	0.031 U	0.045 J	0.048 J	0.034 U	0.06 J	0.034 J	0.1 J	0.032 U	0.075 J	0.033 J

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-21	HAR-21	HAR-23	HAR-23	HAR-25	HAR-25	HAR-25	HAR-27	HAR-27	HAR-27
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-21_041311_01	HAR-21_072911_01	HAR-23_041911_01	HAR-23_072511_01	HAR-25_011711_01	HAR-25_042211_01	HAR-25_081011_01	HAR-27_011911_01	HAR-27_041211_01	HAR-27_080211_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/13/2011	7/29/2011	4/19/2011	7/25/2011	1/17/2011	4/22/2011	8/10/2011	1/19/2011	4/12/2011	8/2/2011
Analyte (mg/L)	**Method**										
DieselRangeOrganics(C12-C14)	**8015B**	0.031 U	0.033 U	0.032 U	0.031 U	0.032 U	0.034 U	0.031 U	0.031 U	0.033 U	0.031 U
DieselRangeOrganics(C21-C30)	**8015B**	0.031 U	0.033 U	0.032 U	0.053 J	0.032 U	0.034 U	0.031 U	0.048 J	0.033 U	0.031 U
DieselRangeOrganics(C8-C30)	**8015B**	0.074 U	0.081 U	0.078 U	0.074 U	0.077 U	0.082 U	0.074 U	0.12 J	0.08 U	0.076 U
GasolineRangeOrganics(C6-C12)(ug/L)	**8015B**	--	--	--	--	--	--	--	--	--	--
GasolineRangeOrganics(C8-C11)	**8015B**	0.074 U	0.081 U	0.077 U	0.074 U	0.076 U	0.082 U	0.074 U	0.074 U	0.079 U	0.076 U
KeroseneRange(C15-C20)	**8015B**	0.031 U	0.033 U	0.032 U	0.031 U	0.032 U	0.034 U	0.031 U	0.055 J	0.033 U	0.031 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-28	HAR-28	HAR-28	HAR-29	HAR-29	HAR-29	HAR-30	HAR-30	HAR-30	HAR-31
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-28_011911_01	HAR-28_041211_01	HAR-28_080211_01	HAR-29_011711_01	HAR-29_041911_01	HAR-29_080211_01	HAR-30_012811_01	HAR-30_042811_01	HAR-30_072111_01	HAR-31_011911_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/19/2011	4/12/2011	8/2/2011	1/17/2011	4/19/2011	8/2/2011	1/28/2011	4/28/2011	7/21/2011	1/19/2011
Analyte (mg/L)	**Method**										
DieselRangeOrganics(C12-C14)	**8015B**	0.032 U	0.034 U	0.031 U	0.032 U	0.031 U	0.034 U	0.032 U	0.032 U	0.031 U	0.031 U
DieselRangeOrganics(C21-C30)	**8015B**	0.032 U	0.034 U	0.031 U	0.032 U	0.031 U	0.034 U	0.032 U	0.032 U	0.031 U	0.031 U
DieselRangeOrganics(C8-C30)	**8015B**	0.078 U	0.082 U	0.075 U	0.078 U	0.076 U	0.082 U	0.078 U	0.076 U	0.074 U	0.074 U
GasolineRangeOrganics(C6-C12)(ug/L)	**8015B**	--	--	--	--	--	--	--	--	--	--
GasolineRangeOrganics(C8-C11)	**8015B**	0.078 U	0.082 U	0.075 U	0.078 U	0.076 U	0.081 U	0.078 U	0.076 U	0.074 U	0.074 U
KeroseneRange(C15-C20)	**8015B**	0.032 U	0.034 U	0.031 U	0.032 U	0.031 U	0.034 U	0.032 U	0.032 U	0.031 U	0.031 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-31	PZ-060	PZ-060	PZ-060	PZ-129	PZ-139	PZ-139	PZ-139	PZ-139	PZ-139
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Field Duplicate	Primary	Primary	Split
Sample Name:		HAR-31_041411_01	PZ-060_012811_01	PZ-060_042711_01	PZ-060_072111_01	PZ-129_012611_01	PZ-139_020311_01	PZ-139_020311_36	PZ-139_042611_01	PZ-139_071211_01	PZ-139_071211_03
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine
Collection Date:		4/14/2011	1/28/2011	4/27/2011	7/21/2011	1/26/2011	2/3/2011	2/3/2011	4/26/2011	7/12/2011	7/12/2011
Analyte (mg/L)	**Method**										
DieselRangeOrganics(C12-C14)	**8015B**	0.034 U	0.41	0.16 J	0.27	0.11 J	0.033 U	0.033 U	0.13 J	0.032 U	0.097 U
DieselRangeOrganics(C21-C30)	**8015B**	0.034 U	0.1 J	0.033 U	0.036 J	0.03 U	0.033 U	0.033 U	0.031 U	0.046 J	0.097 U
DieselRangeOrganics(C8-C30)	**8015B**	0.082 U	1.3	0.75	0.76	0.12 J	0.079 U	0.08 U	0.14 J	0.078 U	0.097 U
GasolineRangeOrganics(C6-C12)(ug/L)	**8015B**	--	--	--	--	--	--	--	--	--	--
GasolineRangeOrganics(C8-C11)	**8015B**	0.082 U	0.077 U	0.08 U	0.079 U	0.074 U	0.079 U	0.08 U	0.074 U	0.078 U	0.097 U
KeroseneRange(C15-C20)	**8015B**	0.034 U	0.76	0.54	0.37	0.03 U	0.033 U	0.033 U	0.033 J	0.032 U	0.097 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-140	PZ-140	PZ-140	PZ-140	PZ-140	PZ-141	PZ-141	PZ-141	PZ-141	PZ-144
SampleType:		Primary	Primary	Split	Primary	Field Duplicate	Primary	Split	Primary	Primary	Primary
Sample Name:		PZ-140_012511_01	PZ-140_042111_01	PZ-140_042111_03	PZ-140_080911_01A	PZ-140_080911_36A	PZ-141_020411_01	PZ-141_020411_03	PZ-141_041211_01	PZ-141_080111_01A	PZ-144_020111_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/25/2011	4/21/2011	4/21/2011	8/9/2011	8/9/2011	2/4/2011	2/4/2011	4/12/2011	8/1/2011	2/1/2011
Analyte (mg/L)	**Method**										
DieselRangeOrganics(C12-C14)	**8015B**	0.032 U	0.034 U	0.11 U	0.091 J	0.069 J	0.074 J	0.29	0.032 U	0.21 J	0.093 J
DieselRangeOrganics(C21-C30)	**8015B**	0.032 U	0.034 U	0.11 U	0.033 U	0.032 U	0.032 J	0.097 U	0.032 U	0.045 J	0.089 J
DieselRangeOrganics(C8-C30)	**8015B**	0.076 U	0.081 U	0.11 U	0.11 J	0.078 U	0.11 J	0.46	0.078 U	0.27	0.19 J
GasolineRangeOrganics(C6-C12)(ug/L)	**8015B**	--	--	--	--	--	--	--	--	--	--
GasolineRangeOrganics(C8-C11)	**8015B**	0.076 U	0.081 U	0.11 U	0.079 U	0.078 U	0.074 U	0.097 U	0.077 U	0.074 U	0.076 U
KeroseneRange(C15-C20)	**8015B**	0.032 U	0.034 U	0.11 U	0.033 U	0.032 U	0.031 U	0.097 U	0.032 U	0.03 U	0.031 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-144	PZ-144	PZ-144	PZ-146	PZ-146	PZ-147	PZ-147	PZ-148	PZ-149	PZ-149
SampleType:		Primary	Field Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-144_041311_01	PZ-144_041311_36	PZ-144_080111_01	PZ-146_042911_01	PZ-146_080311_01	PZ-147_042811_01	PZ-147_080911_01	PZ-148_042811_01	PZ-149_041111_01	PZ-149_072811_01A
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/13/2011	4/13/2011	8/1/2011	4/29/2011	8/3/2011	4/28/2011	8/9/2011	4/28/2011	4/11/2011	7/28/2011
Analyte (mg/L)	**Method**										
DieselRangeOrganics(C12-C14)	**8015B**	0.032 U	0.034 U	0.034 U	0.33	0.34	0.032 U	0.032 U	0.031 U	0.032 U	0.084 J
DieselRangeOrganics(C21-C30)	**8015B**	0.032 U	0.034 U	0.034 U	0.03 U	0.037 U	0.032 U	0.032 U	0.031 U	0.032 U	0.031 U
DieselRangeOrganics(C8-C30)	**8015B**	0.077 U	0.081 U	0.083 U	0.38	0.41	0.077 U	0.078 U	0.074 U	0.078 U	0.1 J
GasolineRangeOrganics(C6-C12)(ug/L)	**8015B**	--	--	--	--	--	--	--	--	--	--
GasolineRangeOrganics(C8-C11)	**8015B**	0.077 U	0.081 U	0.083 U	0.073 U	0.089 U	0.077 U	0.078 R	0.074 U	0.078 U	0.074 U
KeroseneRange(C15-C20)	**8015B**	0.032 U	0.034 U	0.034 U	0.032 J	0.039 J	0.032 U	0.032 U	0.031 U	0.032 U	0.031 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-152	PZ-154	PZ-154	PZ-154	PZ-155	PZ-155	PZ-157	PZ-158	PZ-158	PZ-158
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-152_042911_01	PZ-154_012811_01	PZ-154_042111_01	PZ-154_072711_01A	PZ-155_041211_01	PZ-155_072911_01A	PZ-157_072211_01	PZ-158_013111_01	PZ-158_042911_01	PZ-158_072211_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/29/2011	1/28/2011	4/21/2011	7/27/2011	4/12/2011	7/29/2011	7/22/2011	1/31/2011	4/29/2011	7/22/2011
Analyte (mg/L)	**Method**										
DieselRangeOrganics(C12-C14)	**8015B**	0.033 U	0.032 U	0.032 U	0.16 J	0.38	0.44	0.032 U	0.05 J	0.3	0.17 J
DieselRangeOrganics(C21-C30)	**8015B**	0.033 U	0.032 U	0.032 U	0.043 J	0.057 J	0.045 J	0.042 J	0.22 J	0.033 U	0.17 J
DieselRangeOrganics(C8-C30)	**8015B**	0.079 U	0.11 J	0.077 U	0.28	1.1	1.2	0.079 U	0.29	0.32	0.36
GasolineRangeOrganics(C6-C12)(ug/L)	**8015B**	--	--	--	--	--	--	--	--	--	--
GasolineRangeOrganics(C8-C11)	**8015B**	0.079 U	0.078 U	0.076 U	0.074 U	0.075 U	0.074 U	0.078 U	0.074 U	0.08 U	0.078 U
KeroseneRange(C15-C20)	**8015B**	0.033 U	0.062 J	0.032 U	0.063 J	0.65	0.55	0.033 J	0.031 U	0.033 U	0.042 J

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-159	PZ-159	PZ-159	RD-01	RD-01	RD-02	RD-02	RD-03	RD-03	RD-03
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-159_011911_01	PZ-159_041311_01	PZ-159_072211_01	RD-01_042111_01	RD-01_071511_01	RD-02_042511_01	RD-02_071511_01	RD-03_020111_01	RD-03_042511_01	RD-03_080511_01
Groundwater Unit:		Shallow	Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/19/2011	4/13/2011	7/22/2011	4/21/2011	7/15/2011	4/25/2011	7/15/2011	2/1/2011	4/25/2011	8/5/2011
Analyte (mg/L)	**Method**										
DieselRangeOrganics(C12-C14)	**8015B**	0.15 J	0.033 U	0.095 J	0.032 U	0.031 U	0.031 U	0.031 U	0.033 U	0.031 U	0.031 U
DieselRangeOrganics(C21-C30)	**8015B**	0.031 U	0.033 U	0.038 J	0.032 U	0.031 U	0.031 U	0.031 U	0.033 U	0.031 U	0.031 U
DieselRangeOrganics(C8-C30)	**8015B**	0.16 J	0.08 U	0.16 J	0.078 U	0.074 U	0.074 U	0.074 U	0.08 U	0.074 U	0.074 U
GasolineRangeOrganics(C6-C12)(ug/L)	**8015B**	--	--	--	--	--	--	--	--	--	--
GasolineRangeOrganics(C8-C11)	**8015B**	0.074 U	0.08 U	0.074 U	0.078 U	0.074 U	0.074 U	0.074 U	0.08 U	0.074 U	0.074 U
KeroseneRange(C15-C20)	**8015B**	0.031 U	0.033 U	0.031 U	0.032 U	0.031 U	0.031 U	0.031 U	0.033 U	0.031 U	0.031 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-05A	RD-05A	RD-05A	RD-05B	RD-05B	RD-05B	RD-05C	RD-05C	RD-05C	RD-104
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-05A_011211_01	RD-05A_041811_01	RD-05A_071911_01	RD-05B_011211_01	RD-05B_041811_01	RD-05B_071911_01	RD-05C_011311_01	RD-05C_041811_01	RD-05C_071911_01	RD-104_042911_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/12/2011	4/18/2011	7/19/2011	1/12/2011	4/18/2011	7/19/2011	1/13/2011	4/18/2011	7/19/2011	4/29/2011
Analyte (mg/L)	**Method**										
DieselRangeOrganics(C12-C14)	**8015B**	0.031 U	0.032 U	0.031 U	0.031 U	0.032 U	0.031 U	0.031 U	0.032 U	0.032 U	0.032 U
DieselRangeOrganics(C21-C30)	**8015B**	0.031 U	0.032 U	0.031 U	0.031 U	0.032 U	0.031 U	0.031 U	0.032 U	0.032 U	0.032 U
DieselRangeOrganics(C8-C30)	**8015B**	0.075 U	0.078 U	0.075 U	0.075 U	0.077 U	0.075 U	0.074 U	0.077 U	0.078 U	0.077 U
GasolineRangeOrganics(C6-C12)(ug/L)	**8015B**	--	--	--	--	--	--	--	--	--	--
GasolineRangeOrganics(C8-C11)	**8015B**	0.075 U	0.078 U	0.074 U	0.074 U	0.077 U	0.075 U	0.074 U	0.076 U	0.078 U	0.077 U
KeroseneRange(C15-C20)	**8015B**	0.031 U	0.032 U	0.031 U	0.031 U	0.032 U	0.031 U	0.031 U	0.032 U	0.032 U	0.032 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-104	RD-32	RD-32	RD-36A	RD-36B	RD-36B	RD-36B	RD-36C	RD-36C	RD-36C
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-104_072711_01	RD-32_020111_01	RD-32_072811_01	RD-36A_040711_01	RD-36B_011711_01	RD-36B_040711_01	RD-36B_080411_01	RD-36C_011711_01	RD-36C_040711_01	RD-36C_080411_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/27/2011	2/1/2011	7/28/2011	4/7/2011	1/17/2011	4/7/2011	8/4/2011	1/17/2011	4/7/2011	8/4/2011
Analyte (mg/L)	**Method**										
DieselRangeOrganics(C12-C14)	**8015B**	0.057 J	--	--	0.034 U	0.031 U	0.032 U	0.034 U	0.035 U	0.033 U	0.033 U
DieselRangeOrganics(C21-C30)	**8015B**	0.037 J	--	--	0.034 U	0.031 U	0.032 U	0.034 U	0.035 U	0.092 J	0.033 U
DieselRangeOrganics(C8-C30)	**8015B**	0.2 J	--	--	0.082 U	0.074 U	0.078 U	0.081 U	0.085 U	0.14 J	0.081 U
GasolineRangeOrganics(C6-C12)(ug/L)	**8015B**	--	100 U	14 J	--	100 UJ	--	16 J	100 U	--	53 J
GasolineRangeOrganics(C8-C11)	**8015B**	0.074 U	--	--	0.082 U	0.074 U	0.078 U	0.081 U	0.084 R	0.08 U	0.081 U
KeroseneRange(C15-C20)	**8015B**	0.085 J	--	--	0.034 U	0.031 U	0.032 U	0.034 U	0.035 U	0.033 U	0.033 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-36D	RD-36D	RD-36D	RD-37	RD-37	RD-37	RD-37	RD-38B	RD-38B	RD-38B
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate	Primary	Primary	Primary	Field Duplicate	Primary
Sample Name:		RD-36D_011711_01	RD-36D_040711_01	RD-36D_080411_01	RD-37_011911_01	RD-37_011911_36	RD-37_040811_01	RD-37_080311_01	RD-38B_020211_01	RD-38B_020211_36	RD-38B_042211_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/17/2011	4/7/2011	8/4/2011	1/19/2011	1/19/2011	4/8/2011	8/3/2011	2/2/2011	2/2/2011	4/22/2011
Analyte (mg/L)	**Method**										
DieselRangeOrganics(C12-C14)	**8015B**	0.033 U	0.033 U	0.033 U	0.032 U	0.032 U	0.032 U	0.031 U	0.031 U	0.032 U	0.031 U
DieselRangeOrganics(C21-C30)	**8015B**	0.033 U	0.033 U	0.033 U	0.032 U	0.032 U	0.032 U	0.031 U	0.031 U	0.032 U	0.031 U
DieselRangeOrganics(C8-C30)	**8015B**	0.081 U	0.079 U	0.08 U	0.079 U	0.078 U	0.077 U	0.074 U	0.075 U	0.077 U	0.074 U
GasolineRangeOrganics(C6-C12)(ug/L)	**8015B**	100 U	--	22 J	100 U	100 U	--	100 UJ	100 U	100 U	--
GasolineRangeOrganics(C8-C11)	**8015B**	0.081 U	0.079 U	0.08 U	0.079 U	0.078 U	0.077 U	0.074 U	0.075 U	0.077 U	0.074 U
KeroseneRange(C15-C20)	**8015B**	0.033 U	0.033 U	0.033 U	0.032 U	0.032 U	0.032 U	0.031 U	0.031 U	0.032 U	0.031 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-38B	RD-38B	RD-39A	RD-39B	RD-39B	RD-39B	RD-39B	RD-41A	RD-41A	RD-43A
SampleType:		Primary	Field Duplicate	Primary	Primary	Primary	Field Duplicate	Primary	Primary	Primary	Primary
Sample Name:		RD-38B_072811_01	RD-38B_072811_36	RD-39A_011911_01	RD-39B_011911_01	RD-39B_040811_01	RD-39B_040811_36	RD-39B_080311_01	RD-41A_013111_01	RD-41A_041111_01	RD-43A_020211_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/28/2011	7/28/2011	1/19/2011	1/19/2011	4/8/2011	4/8/2011	8/3/2011	1/31/2011	4/11/2011	2/2/2011
Analyte (mg/L)	**Method**										
DieselRangeOrganics(C12-C14)	**8015B**	0.083 J	0.082 J	0.034 U	0.033 U	0.031 U	0.033 U	0.031 U	0.033 U	0.032 U	0.031 U
DieselRangeOrganics(C21-C30)	**8015B**	0.031 U	0.031 U	0.034 U	0.033 U	0.031 U	0.033 U	0.031 U	0.033 U	0.032 U	0.39
DieselRangeOrganics(C8-C30)	**8015B**	0.1 J	0.095 J	0.082 U	0.079 U	0.074 U	0.081 U	0.074 U	0.08 U	0.077 U	0.41
GasolineRangeOrganics(C6-C12)(ug/L)	**8015B**	26 J	29 J	--	--	--	--	--	--	--	--
GasolineRangeOrganics(C8-C11)	**8015B**	0.075 U	0.074 U	0.082 U	0.079 R	0.074 U	0.08 U	0.074 U	0.079 U	0.077 U	0.076 U
KeroseneRange(C15-C20)	**8015B**	0.031 U	0.031 U	0.034 U	0.033 U	0.031 U	0.033 U	0.031 U	0.033 U	0.032 U	0.031 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-43A	RD-43A	RD-43B	RD-43B	RD-43B	RD-43C	RD-43C	RD-43C	RD-43C	RD-45A
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Field Duplicate	Primary
Sample Name:		RD-43A_042211_01	RD-43A_080511_01	RD-43B_020111_01	RD-43B_042211_01	RD-43B_080411_01	RD-43C_020211_01	RD-43C_042211_01	RD-43C_080411_01	RD-43C_080411_36	RD-45A_012111_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/22/2011	8/5/2011	2/1/2011	4/22/2011	8/4/2011	2/2/2011	4/22/2011	8/4/2011	8/4/2011	1/21/2011
Analyte (mg/L)	**Method**										
DieselRangeOrganics(C12-C14)	**8015B**	0.031 U	0.033 U	0.031 U	0.031 U	0.034 J	0.031 U	0.032 U	0.03 U	0.031 U	0.032 U
DieselRangeOrganics(C21-C30)	**8015B**	0.031 U	0.033 U	0.031 U	0.031 U	0.03 U	0.031 U	0.032 U	0.03 U	0.031 U	0.032 U
DieselRangeOrganics(C8-C30)	**8015B**	0.074 U	0.08 U	0.074 U	0.074 U	0.074 U	0.074 U	0.077 U	0.074 U	0.075 U	0.077 U
GasolineRangeOrganics(C6-C12)(ug/L)	**8015B**	--	--	--	--	--	--	--	--	--	--
GasolineRangeOrganics(C8-C11)	**8015B**	0.074 U	0.08 U	0.074 U	0.074 U	0.074 U	0.074 U	0.077 U	0.074 U	0.075 U	0.077 U
KeroseneRange(C15-C20)	**8015B**	0.031 U	0.033 U	0.031 U	0.031 U	0.03 U	0.031 U	0.032 U	0.03 U	0.031 U	0.032 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-45A	RD-45A	RD-45B	RD-45B	RD-45B	RD-45C	RD-45C	RD-45C	RD-46A	RD-46A
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-45A_042511_01	RD-45A_081011_01	RD-45B_013111_01	RD-45B_042211_01	RD-45B_081011_01	RD-45C_013111_01	RD-45C_042211_01	RD-45C_081011_01	RD-46A_012511_01	RD-46A_042111_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/25/2011	8/10/2011	1/31/2011	4/22/2011	8/10/2011	1/31/2011	4/22/2011	8/10/2011	1/25/2011	4/21/2011
Analyte (mg/L)	**Method**										
DieselRangeOrganics(C12-C14)	**8015B**	0.03 U	0.031 U	0.031 U	0.031 U	0.032 U	0.033 U	0.031 U	0.031 U	0.031 U	0.031 U
DieselRangeOrganics(C21-C30)	**8015B**	0.03 U	0.031 U	0.031 U	0.031 U	0.032 U	0.033 U	0.031 U	0.058 J	0.18 J	0.031 U
DieselRangeOrganics(C8-C30)	**8015B**	0.073 U	0.074 U	0.075 U	0.074 U	0.077 U	0.081 U	0.074 U	0.075 U	0.19 J	0.074 U
GasolineRangeOrganics(C6-C12)(ug/L)	**8015B**	--	--	--	--	--	--	--	--	--	--
GasolineRangeOrganics(C8-C11)	**8015B**	0.073 U	0.074 U	0.075 U	0.074 U	0.077 U	0.081 U	0.074 U	0.075 U	0.075 U	0.074 U
KeroseneRange(C15-C20)	**8015B**	0.03 U	0.031 U	0.031 U	0.031 U	0.032 U	0.033 U	0.031 U	0.031 U	0.031 U	0.031 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-46A	RD-46B	RD-46B	RD-46B	RD-48A	RD-48A	RD-48A	RD-48B	RD-48B	RD-48B
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-46A_080811_01	RD-46B_012511_01	RD-46B_042111_01	RD-46B_080811_01	RD-48A_011811_01	RD-48A_040611_01	RD-48A_080111_01	RD-48B_011811_01	RD-48B_040611_01	RD-48B_080111_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/8/2011	1/25/2011	4/21/2011	8/8/2011	1/18/2011	4/6/2011	8/1/2011	1/18/2011	4/6/2011	8/1/2011
Analyte (mg/L)	**Method**										
DieselRangeOrganics(C12-C14)	**8015B**	0.032 U	0.034 U	0.031 U	0.032 U	0.033 U	0.034 U	0.036 U	0.032 U	0.033 U	0.031 U
DieselRangeOrganics(C21-C30)	**8015B**	0.032 U	0.034 U	0.031 U	0.032 U	0.069 J	0.034 U	0.048 J	0.032 U	0.36	0.031 U
DieselRangeOrganics(C8-C30)	**8015B**	0.077 U	0.082 U	0.074 U	0.077 U	0.093 J	0.082 U	0.088 U	0.077 U	0.36	0.074 U
GasolineRangeOrganics(C6-C12)(ug/L)	**8015B**	--	--	--	--	--	--	--	--	--	--
GasolineRangeOrganics(C8-C11)	**8015B**	0.077 U	0.082 U	0.074 U	0.077 U	0.081 U	0.081 U	0.088 U	0.077 U	0.079 U	0.074 U
KeroseneRange(C15-C20)	**8015B**	0.032 U	0.034 U	0.031 U	0.032 U	0.033 U	0.034 U	0.036 U	0.032 U	0.033 U	0.031 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-48C	RD-48C	RD-48C	RD-49A	RD-49A	RD-49B	RD-49B	RD-49C	RD-49C	RD-49C
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-48C_020111_01	RD-48C_042211_01	RD-48C_080111_01	RD-49A_012811_01	RD-49A_041511_01	RD-49B_012111_01	RD-49B_041511_01	RD-49C_012111_01	RD-49C_041511_01	RD-49C_080511_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/1/2011	4/22/2011	8/1/2011	1/28/2011	4/15/2011	1/21/2011	4/15/2011	1/21/2011	4/15/2011	8/5/2011
Analyte (mg/L)	**Method**										
DieselRangeOrganics(C12-C14)	**8015B**	0.032 U	0.071 J	0.3	0.041 J	0.032 U	0.12 J	0.031 U	0.032 U	0.032 U	0.031 U
DieselRangeOrganics(C21-C30)	**8015B**	0.032 U	0.031 U	0.043 J	0.032 U	0.032 U	0.087 J	0.04 J	0.12 J	0.032 U	0.031 U
DieselRangeOrganics(C8-C30)	**8015B**	0.077 U	0.081 J	0.35	0.26	0.16 J	0.21 J	0.089 J	0.13 J	0.078 U	0.075 U
GasolineRangeOrganics(C6-C12)(ug/L)	**8015B**	--	--	--	--	--	--	--	--	--	--
GasolineRangeOrganics(C8-C11)	**8015B**	0.077 U	0.076 U	0.075 U	0.078 U	0.078 U	0.075 U	0.075 U	0.076 U	0.078 U	0.074 U
KeroseneRange(C15-C20)	**8015B**	0.032 U	0.031 U	0.031 U	0.18 J	0.11 J	0.031 U	0.039 J	0.032 U	0.032 U	0.031 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-51A	RD-51A	RD-51A	RD-51B	RD-51B	RD-51B	RD-51C	RD-51C	RD-51C	RD-52A
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-51A_011811_01	RD-51A_040811_01	RD-51A_080311_01	RD-51B_012611_01	RD-51B_041311_01	RD-51B_080311_01	RD-51C_012611_01	RD-51C_041311_01	RD-51C_080311_01	RD-52A_012111_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/18/2011	4/8/2011	8/3/2011	1/26/2011	4/13/2011	8/3/2011	1/26/2011	4/13/2011	8/3/2011	1/21/2011
Analyte (mg/L)	**Method**										
DieselRangeOrganics(C12-C14)	**8015B**	0.032 U	0.033 U	0.032 U	0.031 U	0.031 U	0.031 U	0.031 U	0.032 U	0.031 U	0.031 U
DieselRangeOrganics(C21-C30)	**8015B**	0.032 U	0.033 U	0.032 U	0.031 U	0.031 U	0.031 U	0.031 U	0.032 U	0.031 U	0.039 J
DieselRangeOrganics(C8-C30)	**8015B**	0.078 U	0.079 U	0.077 U	0.075 U	0.076 U	0.074 U	0.074 U	0.077 U	0.074 U	0.075 U
GasolineRangeOrganics(C6-C12)(ug/L)	**8015B**	--	--	--	--	--	--	--	--	--	--
GasolineRangeOrganics(C8-C11)	**8015B**	0.078 U	0.079 U	0.077 U	0.075 U	0.076 U	0.074 U	0.074 U	0.077 U	0.074 U	0.075 U
KeroseneRange(C15-C20)	**8015B**	0.032 U	0.033 U	0.032 U	0.031 U	0.031 U	0.031 U	0.031 U	0.032 U	0.031 U	0.031 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-52A	RD-52A	RD-52B	RD-52B	RD-52B	RD-52C	RD-52C	RD-52C	RD-53	RD-53
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-52A_042511_01	RD-52A_071811_01	RD-52B_013111_01	RD-52B_042011_01	RD-52B_071511_01	RD-52C_013111_01	RD-52C_042011_01	RD-52C_071311_01	RD-53_042511_01	RD-53_071811_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/25/2011	7/18/2011	1/31/2011	4/20/2011	7/15/2011	1/31/2011	4/20/2011	7/13/2011	4/25/2011	7/18/2011
Analyte (mg/L)	**Method**										
DieselRangeOrganics(C12-C14)	**8015B**	0.033 U	0.031 U	0.031 U	0.031 U	0.03 U	0.032 U	0.031 U	0.031 U	0.031 U	0.031 U
DieselRangeOrganics(C21-C30)	**8015B**	0.033 U	0.031 J	0.17 J	0.031 U	0.03 U	0.032 U	0.031 U	0.031 U	0.031 U	0.031 U
DieselRangeOrganics(C8-C30)	**8015B**	0.079 U	0.075 U	0.18 J	0.074 U	0.074 U	0.076 U	0.075 U	0.074 U	0.074 U	0.076 U
GasolineRangeOrganics(C6-C12)(ug/L)	**8015B**	--	--	--	--	--	--	--	--	--	10 U
GasolineRangeOrganics(C8-C11)	**8015B**	0.079 U	0.075 U	0.076 U	0.074 U	0.074 U	0.076 U	0.075 U	0.074 U	0.074 U	0.076 U
KeroseneRange(C15-C20)	**8015B**	0.033 U	0.031 U	0.031 U	0.031 U	0.03 U	0.032 U	0.031 U	0.031 U	0.031 U	0.031 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-68A	RD-68A	RD-68A	RD-68B	RD-68B	RD-68B	RD-73	RD-73	RD-77	RD-77
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-68A_011211_01	RD-68A_041811_01	RD-68A_071111_01	RD-68B_011211_01	RD-68B_041811_01	RD-68B_071111_01	RD-73_011311_01	RD-73_072811_01	RD-77_020211_01	RD-77_042211_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/12/2011	4/18/2011	7/11/2011	1/12/2011	4/18/2011	7/11/2011	1/13/2011	7/28/2011	2/2/2011	4/22/2011
Analyte (mg/L)	**Method**										
DieselRangeOrganics(C12-C14)	**8015B**	0.032 U	0.031 U	0.031 U	0.031 U	0.031 U	0.031 U	--	--	0.031 U	0.032 U
DieselRangeOrganics(C21-C30)	**8015B**	0.032 U	0.031 U	0.031 U	0.031 U	0.031 U	0.031 U	--	--	0.031 U	0.032 U
DieselRangeOrganics(C8-C30)	**8015B**	0.076 U	0.074 U	0.074 U	0.075 U	0.075 U	0.074 U	--	--	0.074 U	0.078 U
GasolineRangeOrganics(C6-C12)(ug/L)	**8015B**	--	--	--	--	--	--	2200	560 J	--	--
GasolineRangeOrganics(C8-C11)	**8015B**	0.076 U	0.074 U	0.074 U	0.075 U	0.075 U	0.074 U	--	--	0.074 U	0.078 U
KeroseneRange(C15-C20)	**8015B**	0.032 U	0.031 U	0.031 U	0.031 U	0.031 U	0.031 U	--	--	0.031 U	0.032 U

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RS-07	RS-07	RS-08	RS-08	RS-08	RS-13	RS-29	RS-30	RS-31	RS-32	RS-32
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RS-07_020111_01	RS-07_042111_01	RS-08_012611_01	RS-08_041311_01	RS-08_072911_01	RS-13_042811_01	RS-29_041311_01	RS-30_020311_01	RS-31_020311_01	RS-32_020311_01	RS-32_071811_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/1/2011	4/21/2011	1/26/2011	4/13/2011	7/29/2011	4/28/2011	4/13/2011	2/3/2011	2/3/2011	2/3/2011	7/18/2011
Analyte (mg/L)	**Method**											
DieselRangeOrganics(C12-C14)	**8015B**	0.033 U	0.064 J	0.031 U	0.03 U	0.034 U	0.032 U	0.031 U	--	--	--	--
DieselRangeOrganics(C21-C30)	**8015B**	0.033 U	0.031 U	0.031 U	0.03 U	0.093 J	0.032 U	0.084 J	--	--	--	--
DieselRangeOrganics(C8-C30)	**8015B**	0.08 U	0.074 U	0.074 U	0.074 U	0.17 J	0.077 U	0.11 J	--	--	--	--
GasolineRangeOrganics(C6-C12)(ug/L)	**8015B**	--	--	--	--	--	--	--	700 J	100 U	100 U	13 J
GasolineRangeOrganics(C8-C11)	**8015B**	0.079 U	0.074 U	0.074 U	0.074 U	0.082 U	0.077 U	0.075 U	--	--	--	--
KeroseneRange(C15-C20)	**8015B**	0.033 U	0.031 U	0.031 U	0.03 U	0.06 J	0.032 U	0.031 U	--	--	--	--

TABLE 15
FUEL HYDROCARBONS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		**RS-32**	**RS-34**	**RS-34**	**RS-34**	**WS-04A**	**WS-04A**	**WS-04A**	**WS-09A**	**WS-09A**
SampleType:		Split	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RS-32_071811_03	RS-34_012811_01	RS-34_042711_01	RS-34_072111_01	WS-04A_020111_01	WS-04A_042711_01	WS-04A_071811_01	WS-09A_060311_01	WS-09A_081111_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/18/2011	1/28/2011	4/27/2011	7/21/2011	2/1/2011	4/27/2011	7/18/2011	6/3/2011	8/11/2011
Analyte (mg/L)	**Method**									
DieselRangeOrganics(C12-C14)	**8015B**	--	0.031 U	0.032 U	0.031 U	0.032 U	0.032 U	0.031 U	0.032 U	0.031 U
DieselRangeOrganics(C21-C30)	**8015B**	--	0.031 U	0.032 U	0.031 U	0.032 U	0.032 U	0.031 U	0.032 U	0.031 U
DieselRangeOrganics(C8-C30)	**8015B**	--	0.076 U	0.078 U	0.075 U	0.077 U	0.077 U	0.074 U	0.078 U	0.074 U
GasolineRangeOrganics(C6-C12)(ug/L)	**8015B**	25 U	--	--	--	--	--	--	--	--
GasolineRangeOrganics(C8-C11)	**8015B**	--	0.076 U	0.078 U	0.075 U	0.077 U	0.076 U	0.074 U	0.078 R	0.074 U
KeroseneRange(C15-C20)	**8015B**	--	0.031 U	0.032 U	0.031 U	0.032 U	0.032 U	0.031 U	0.032 U	0.031 U

NOTES AND ABBREVIATIONS

Chatsworth - Chatsworth Formation groundwater unit
Shallow - Near-surface groundwater unit

mg/L - milligrams per liter
µg/L - micrograms per liter

-- Not available
J - Result is estimated
R - Result is rejected
U - Not detected above the method detection limit (MDL) or reporting limit (RL)
UJ - The result is not detected; however, the RL/MDL is estimated

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		ES-01	ES-14	ES-17	ES-17	ES-17	ES-26	ES-26	ES-26	ES-26	ES-26	ES-26	ES-26
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Field Duplicate	Field Duplicate	Primary	Field Duplicate	Primary
Sample Name:		ES-01_072711_01	ES-14_072211_01	ES-17_012711_01	ES-17_042511_01	ES-17_072611_01	ES-26_011811_01	ES-26_011811_01A	ES-26_011811_36	ES-26_011811_36A	ES-26_042611_01	ES-26_042611_36	ES-26_072611_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/27/2011	7/22/2011	1/27/2011	4/25/2011	7/26/2011	1/18/2011	1/18/2011	1/18/2011	1/18/2011	4/26/2011	4/26/2011	7/26/2011
Analyte (mg/L)	**Method**												
Ammonia-N	**350.1**	--	--	0.092 U	0.11 U	0.087 U	0.25 U	--	0.16 U	--	0.77	0.79	1.3
Bromide	**300**	--	--	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	51	99	9.6	15	--	--	100	--	100	100	100	--
Cyanides	**9012**	--	--	--	0.002 U	--	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	--	--	1	1.1	0.74	--	0.53	--	0.52	0.52	0.53	0.37 J
Nitrate-NO3	**300**	0.51 J	0.19 U	15	21	18	--	13	--	12	3.1 J	2 J	4.4
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	--	--	7.54	7.38	7.1	--	7.22 J	--	7.25 J	7.75 J	7.58 J	7.32
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	--	--	660	720	--	--	1200	--	1200	1200	1200	--
Sulfate	**300**	--	--	32	58	--	--	180	--	180	210	200	--
Sulfide	**4500**	--	--	--	0.007 U	--	--	--	--	--	--	--	--
TotalAlkalinity	**2320B**	--	--	260	300	--	--	310	--	310	340	310	--
TotalDissolvedSolids	**2540C**	--	--	420	460	--	--	750	--	730	760	770	--
Turbidity(NTU)	**180.1**	--	--	0.2 U	0.2 U	--	--	0.62	--	0.97	0.3 J	0.25 J	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		ES-27	ES-27	ES-27	ES-27	ES-29	HAR-01	HAR-01	HAR-01	HAR-01	HAR-01	HAR-02
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Split	Field Duplicate	Primary
Sample Name:		ES-27_011711_01	ES-27_011711_01A	ES-27_042511_01	ES-27_072611_01	ES-29_072211_01	HAR-01_020111_01	HAR-01_042011_01	HAR-01_080911_01	HAR-01_080911_03	HAR-01_080911_36	HAR-02_042211_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver
Collection Date:		1/17/2011	1/17/2011	4/25/2011	7/26/2011	7/22/2011	2/1/2011	4/20/2011	8/9/2011	8/9/2011	8/9/2011	4/22/2011
Analyte (mg/L)	**Method**											
Ammonia-N	**350.1**	0.13 J	--	0.071 U	0.078 U	--	0.055 U	0.056 J	0.055 U	--	--	0.066 U
Bromide	**300**	--	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	--	--	--	--	93	--	--	--	--	--	16
Cyanides	**9012**	--	--	0.002 U	--	--	--	0.0024 J	0.0022 U	--	0.003 U	0.0029 U
Cyanides	**9014**	--	--	--	--	--	--	--	--	0.0022 U	--	--
Fluoride	**300**	--	0.6	1.1	0.78	--	0.96	0.95	0.84	--	--	1.7
Nitrate-NO3	**300**	--	7.7	34	32	21	37 J	37	36	--	--	17
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	--	7.33 J	7.68 J	7.58	--	6.9 J	6.85 J	7.18 J	--	--	6.51
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	--	--	--	--	--	--	--	--	--	--	580
Sulfate	**300**	--	--	--	--	--	--	--	--	--	--	26
Sulfide	**4500**	--	--	0.007 U	--	--	--	0.007 U	--	--	--	0.007 U
TotalAlkalinity	**2320B**	--	--	--	--	--	--	--	--	--	--	260
TotalDissolvedSolids	**2540C**	--	--	--	--	--	--	--	--	--	--	360
Turbidity(NTU)	**180.1**	--	--	--	--	--	--	--	--	--	--	1.4

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-03	HAR-03	HAR-03	HAR-04	HAR-04	HAR-04	HAR-04	HAR-04	HAR-04	HAR-05
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Split	Primary	Field Duplicate	Primary
Sample Name:		HAR-03_012511_01	HAR-03_042011_01	HAR-03_080811_01	HAR-04_012511_01	HAR-04_012511_01A	HAR-04_042011_01	HAR-04_042011_03	HAR-04_080511_01	HAR-04_080511_36	HAR-05_012411_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/25/2011	4/20/2011	8/8/2011	1/25/2011	1/25/2011	4/20/2011	4/20/2011	8/5/2011	8/5/2011	1/24/2011
Analyte (mg/L)	**Method**										
Ammonia-N	**350.1**	0.14 U	0.055 U	0.055 U	0.17 U	--	0.055 U	0.048 U	0.055 J	0.055 U	0.058 U
Bromide	**300**	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	--	--	--	--	--	--	--	--	--	--
Cyanides	**9012**	--	0.002 U	--	--	--	0.002 U	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	0.0022 U	--	--	--
Fluoride	**300**	1	0.29 J	2.1	--	1.2	0.88	0.68	1.3	1.3	0.3 J
Nitrate-NO3	**300**	35	5.5	9.5	--	5	5.9	5.5	14	14	2.3 J
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	6.71 J	6.7 J	6.64 J	--	6.85 J	6.65 J	6.9	6.68	6.63	7.47
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	--	--	--	--	--	--	--	--	--	--
Sulfate	**300**	--	--	--	--	--	--	--	--	--	--
Sulfide	**4500**	--	0.007 U	--	--	--	0.007 U	0.051 U	--	--	--
TotalAlkalinity	**2320B**	--	--	--	--	--	--	--	--	--	--
TotalDissolvedSolids	**2540C**	--	--	--	--	--	--	--	--	--	--
Turbidity(NTU)	**180.1**	--	--	--	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-05	HAR-05	HAR-07	HAR-07	HAR-07	HAR-07	HAR-08	HAR-08	HAR-08	HAR-09
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-05_041311_01	HAR-05_072511_01	HAR-07_012711_01	HAR-07_041211_01	HAR-07_041211_36	HAR-07_080211_01	HAR-08_011711_01	HAR-08_041911_01	HAR-08_080211_01	HAR-09_012611_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/13/2011	7/25/2011	1/27/2011	4/12/2011	4/12/2011	8/2/2011	1/17/2011	4/19/2011	8/2/2011	1/26/2011
Analyte (mg/L)	**Method**										
Ammonia-N	**350.1**	0.055 U	0.11 U	0.12 U	0.076 J	0.096 J	0.078 U	0.14 J	0.064 J	0.086 U	0.44 U
Bromide	**300**	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	--	--	--	--	--	--	--	--	--	52
Cyanides	**9012**	--	--	--	0.002 U	0.002 U	--	--	0.002 U	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	0.06 U	0.21 J	0.35 J	0.35 J	0.35 J	0.3 J	0.21 J	0.24 J	0.2 J	0.32 J
Nitrate-NO3	**300**	0.19 U	0.91 J	0.25 J	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.22 J
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	7.4	7.46 J	6.85	6.86	6.82	6.7	7.06 J	7.18 J	7.25	7.03 J
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	--	--	--	--	--	--	--	--	--	1600
Sulfate	**300**	--	--	--	--	--	--	--	--	--	290
Sulfide	**4500**	--	--	--	0.007 U	0.007 U	--	--	0.007 U	--	--
TotalAlkalinity	**2320B**	--	--	--	--	--	--	--	--	--	590
TotalDissolvedSolids	**2540C**	--	--	--	--	--	--	--	--	--	1100
Turbidity(NTU)	**180.1**	--	--	--	--	--	--	--	--	--	120

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-09	HAR-09	HAR-11	HAR-11	HAR-11	HAR-11	HAR-12	HAR-12	HAR-12	HAR-13
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-09_041411_01	HAR-09_080411_01	HAR-11_012011_01	HAR-11_012011_01A	HAR-11_041411_01	HAR-11_072711_01	HAR-12_011811_01	HAR-12_041511_01	HAR-12_072911_01	HAR-13_011811_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/14/2011	8/4/2011	1/20/2011	1/20/2011	4/14/2011	7/27/2011	1/18/2011	4/15/2011	7/29/2011	1/18/2011
Analyte (mg/L)	**Method**										
Ammonia-N	**350.1**	0.31 J	0.3 J	0.1 U	--	0.067 J	0.15 U	0.067 U	0.055 U	0.08 U	0.063 U
Bromide	**300**	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	51	--	--	--	--	--	17	16	--	--
Cyanides	**9012**	0.002 U	--	--	--	0.002 U	--	--	0.002 U	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	0.38 J	0.3 J	--	0.6	0.68	0.72	0.48 J	0.47 J	0.53	--
Nitrate-NO3	**300**	0.19 U	0.19 U	--	0.19 U	0.19 U	0.19 U	18	5.6	4.9	--
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	7.1	--	--	--	6.85	--	7.1 J	7.06	7.01	--
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	1500	--	--	--	--	--	740	760	--	--
Sulfate	**300**	280	--	--	--	--	--	64	52	--	--
Sulfide	**4500**	0.0098 J	--	--	--	0.007 U	--	--	0.007 U	--	--
TotalAlkalinity	**2320B**	550	--	--	--	--	--	290	330	--	--
TotalDissolvedSolids	**2540C**	1000	--	--	--	--	--	420	430	--	--
Turbidity(NTU)	**180.1**	76	--	--	--	--	--	0.2 U	0.2 U	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-13	HAR-13	HAR-14	HAR-14	HAR-14	HAR-15	HAR-15	HAR-15	HAR-15	HAR-16
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-13_011811_01A	HAR-13_041911_01	HAR-14_011811_01	HAR-14_041511_01	HAR-14_072911_01	HAR-15_012111_01	HAR-15_012111_01A	HAR-15_041411_01	HAR-15_072011_01	HAR-16_012511_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/18/2011	4/19/2011	1/18/2011	4/15/2011	7/29/2011	1/21/2011	1/21/2011	4/14/2011	7/20/2011	1/25/2011
Analyte (mg/L)	**Method**										
Ammonia-N	**350.1**	--	0.064 J	0.087 U	0.055 U	0.084 U	0.065 U	--	0.19 J	0.25 U	0.42 U
Bromide	**300**	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	14	13	14	16	--	--	--	--	--	34
Cyanides	**9012**	--	--	--	0.002 U	--	--	--	0.002 U	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	0.4 J	0.33 J	0.4 J	0.42 J	0.41 J	--	0.68	0.93	0.92	0.36 J
Nitrate-NO3	**300**	9.2	0.6 J	91	37	30	--	0.75 J	0.24 J	0.19 U	21
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	6.97 J	6.64 J	7.33 J	7.27	7.04	--	6.6	6.62	1.44	6.64 J
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	320	220	730	620	--	--	--	--	--	430
Sulfate	**300**	16	9.2	66	43	--	--	--	--	--	36
Sulfide	**4500**	--	--	--	0.007 U	--	--	--	0.018 J	--	--
TotalAlkalinity	**2320B**	100	68	220	230	--	--	--	--	--	110
TotalDissolvedSolids	**2540C**	420	360	450	370	--	--	--	--	--	290
Turbidity(NTU)	**180.1**	130	110	0.48	0.88	--	--	--	--	--	0.56

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-16	HAR-16	HAR-16	HAR-16	HAR-19	HAR-19	HAR-19	HAR-19	HAR-19	HAR-20
SampleType:		Field Duplicate	Primary	Field Duplicate	Primary	Primary	Field Duplicate	Primary	Primary	Field Duplicate	Primary
Sample Name:		HAR-16_012511_36	HAR-16_042011_01	HAR-16_042011_36	HAR-16_080511_01	HAR-19_012011_01	HAR-19_012011_36	HAR-19_041511_01	HAR-19_071211_01	HAR-19_071211_36	HAR-20_012011_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/25/2011	4/20/2011	4/20/2011	8/5/2011	1/20/2011	1/20/2011	4/15/2011	7/12/2011	7/12/2011	1/20/2011
Analyte (mg/L)	**Method**										
Ammonia-N	**350.1**	0.097 J	0.055 U	0.055 U	0.055 U	0.076 U	0.065 U	0.055 U	0.077 U	0.059 U	0.073 U
Bromide	**300**	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	36	22	22	--	73	73	74	--	--	--
Cyanides	**9012**	--	0.002 U	0.002 U	--	--	--	0.002 U	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	0.34 J	0.49 J	0.5	0.41 J	0.12 J	0.12 J	0.12 J	0.06 U	0.06 U	--
Nitrate-NO3	**300**	22	17	17	19	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	--
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	6.6 J	6.81 J	6.88 J	6.71	7.05 J	7.03 J	7.06	--	--	--
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	450	390	370	--	20000	21000	1400	--	--	--
Sulfate	**300**	38	26	26	--	220	220	210	--	--	--
Sulfide	**4500**	--	0.007 U	0.007 U	--	--	--	0.007 U	--	--	--
TotalAlkalinity	**2320B**	110	120	120	--	490	500	480	--	--	--
TotalDissolvedSolids	**2540C**	300	260	260	--	940	930	900	--	--	--
Turbidity(NTU)	**180.1**	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-20	HAR-20	HAR-20	HAR-21	HAR-21	HAR-21	HAR-23	HAR-23	HAR-23	HAR-25
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-20_012011_01A	HAR-20_041411_01	HAR-20_072711_01	HAR-21_012611_01	HAR-21_041311_01	HAR-21_072911_01	HAR-23_012011_01	HAR-23_041911_01	HAR-23_072511_01	HAR-25_011711_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/20/2011	4/14/2011	7/27/2011	1/26/2011	4/13/2011	7/29/2011	1/20/2011	4/19/2011	7/25/2011	1/17/2011
Analyte (mg/L)	**Method**										
Ammonia-N	**350.1**	--	0.055 U	0.096 U	0.13 U	0.086 J	0.11 U	0.055 U	0.056 J	0.089 U	0.09 J
Bromide	**300**	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	--	--	--	--	--	--	--	--	--	--
Cyanides	**9012**	--	0.002 U	--	--	0.002 U	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	0.28 J	0.26 J	0.29 J	0.41 J	0.46 J	0.36 J	0.41 J	0.46 J	0.26 J	1.4
Nitrate-NO3	**300**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	34	33	20	9.6
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	--	7.64	--	--	7.32	--	7.12 J	7.21 J	7.39 J	7.03 J
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	--	--	--	--	--	--	--	--	--	--
Sulfate	**300**	--	--	--	--	--	--	--	--	--	--
Sulfide	**4500**	--	0.007 U	--	--	0.016 J	--	--	--	--	--
TotalAlkalinity	**2320B**	--	--	--	--	--	--	--	--	--	--
TotalDissolvedSolids	**2540C**	--	--	--	--	--	--	--	--	--	--
Turbidity(NTU)	**180.1**	--	--	--	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-25	HAR-25	HAR-26	HAR-26	HAR-26	HAR-26	HAR-26	HAR-26	HAR-27	HAR-27
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Split	Field Duplicate	Primary	Primary
Sample Name:		HAR-25_042211_01	HAR-25_081011_01	HAR-26_012011_01	HAR-26_012011_01A	HAR-26_040711_01	HAR-26_072011_01	HAR-26_072011_03	HAR-26_072011_36	HAR-27_011911_01	HAR-27_011911_01A
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/22/2011	8/10/2011	1/20/2011	1/20/2011	4/7/2011	7/20/2011	7/20/2011	7/20/2011	1/19/2011	1/19/2011
Analyte (mg/L)	**Method**										
Ammonia-N	**350.1**	0.069 J	0.055 U	0.069 U	--	0.055 U	0.069 U	--	--	0.56	--
Bromide	**300**	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	--	--	--	--	--	--	--	--	--	30
Cyanides	**9012**	0.002 U	--	--	--	0.003 J	0.002 U	--	0.0026 J	--	--
Cyanides	**9014**	--	--	--	--	--	--	0.0022 U	--	--	--
Fluoride	**300**	1.5	1.3	--	0.65	0.74	0.55	--	--	--	0.64
Nitrate-NO3	**300**	9.9	8.5	--	0.19 U	0.19 U	0.19 U	--	--	--	0.19 U
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	7.07	7.22 J	--	8.18 J	8.23	8.34 J	--	--	--	6.98
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	--	--	--	--	--	--	--	--	--	1300
Sulfate	**300**	--	--	--	--	--	--	--	--	--	21
Sulfide	**4500**	0.007 U	--	--	--	0.007 U	--	--	--	--	--
TotalAlkalinity	**2320B**	--	--	--	--	--	--	--	--	--	740
TotalDissolvedSolids	**2540C**	--	--	--	--	--	--	--	--	--	820
Turbidity(NTU)	**180.1**	--	--	--	--	--	--	--	--	--	140

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-27	HAR-27	HAR-27	HAR-27	HAR-28	HAR-28	HAR-28	HAR-28	HAR-29	HAR-29
SampleType:		Primary	Primary	Split	Field Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-27_041211_01	HAR-27_080211_01	HAR-27_080211_03	HAR-27_080211_36	HAR-28_011911_01	HAR-28_011911_01A	HAR-28_041211_01	HAR-28_080211_01	HAR-29_011711_01	HAR-29_041911_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/12/2011	8/2/2011	8/2/2011	8/2/2011	1/19/2011	1/19/2011	4/12/2011	8/2/2011	1/17/2011	4/19/2011
Analyte (mg/L)	**Method**										
Ammonia-N	**350.1**	0.58	0.53	--	--	0.063 U	--	0.076 J	0.089 U	0.18 J	0.084 J
Bromide	**300**	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	29	--	--	--	--	35	29	--	18	22
Cyanides	**9012**	0.0043 J	0.0023 U	--	0.0051 U	--	--	0.002 U	--	--	0.002 U
Cyanides	**9014**	--	--	0.003 U	--	--	--	--	--	--	--
Fluoride	**300**	0.8	0.72	--	--	--	0.21 J	0.26 J	0.23 J	0.28 J	0.22 J
Nitrate-NO3	**300**	0.19 U	0.19 U	--	--	--	0.23 J	2.6	0.52 J	20	94
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	6.96	6.92	--	--	--	7.03	7	6.91	7.02 J	7.13 J
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	1300	--	--	--	--	1200	1300	--	1100	1200
Sulfate	**300**	23	--	--	--	--	150	120	--	130	110
Sulfide	**4500**	0.007 U	--	--	--	--	--	0.007 U	--	--	0.007 U
TotalAlkalinity	**2320B**	670	--	--	--	--	500	520	--	460	500
TotalDissolvedSolids	**2540C**	760	--	--	--	--	760	720	--	710	810
Turbidity(NTU)	**180.1**	68	--	--	--	--	0.2 U	0.2 U	--	0.2 U	0.2 U

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-29	HAR-30	HAR-30	HAR-30	HAR-30	HAR-30	HAR-30	HAR-31	HAR-31	HAR-31
SampleType:		Primary	Primary	Primary	Split	Field Duplicate	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-29_080211_01	HAR-30_012811_01	HAR-30_021011_01	HAR-30_021011_03	HAR-30_021011_36	HAR-30_042811_01	HAR-30_072111_01	HAR-31_011911_01	HAR-31_011911_01A	HAR-31_041411_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/2/2011	1/28/2011	2/10/2011	2/10/2011	2/10/2011	4/28/2011	7/21/2011	1/19/2011	1/19/2011	4/14/2011
Analyte (mg/L)	**Method**										
Ammonia-N	**350.1**	0.083 U	0.14 U	--	--	--	0.08 U	0.055 U	0.061 U	--	0.055 U
Bromide	**300**	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	--	54	--	--	--	48	--	--	14	12
Cyanides	**9012**	--	--	0.003 J	--	0.002 U	0.006 U	--	--	--	--
Cyanides	**9014**	--	--	--	0.0022 U	--	--	--	--	--	--
Fluoride	**300**	0.3 J	0.46 J	--	--	--	0.42 J	0.37 J	--	0.93	0.9
Nitrate-NO3	**300**	65	0.24 J	--	--	--	3.5	0.76 J	--	6.6	4.5
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	7.14	6.87	--	--	--	7	6.96	--	7.13	7.19
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	--	930	--	--	--	920	--	--	530	520
Sulfate	**300**	--	130	--	--	--	140	--	--	41	40
Sulfide	**4500**	--	--	0.39	0.42 J	0.33	0.007 U	--	--	--	--
TotalAlkalinity	**2320B**	--	300	--	--	--	290	--	--	220	220
TotalDissolvedSolids	**2540C**	--	600	--	--	--	600	--	--	340	330
Turbidity(NTU)	**180.1**	--	1.6	--	--	--	0.2 U	--	--	0.2 U	0.2 U

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-32	HAR-32	HAR-32	HAR-33	HAR-33	HAR-33	HAR-33	PZ-035	PZ-035	PZ-060
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-32_011711_01	HAR-32_042711_01	HAR-32_072111_01	HAR-33_011711_01	HAR-33_011711_01A	HAR-33_042511_01	HAR-33_072511_01	PZ-035_042611_01	PZ-035_072111_01A	PZ-060_012811_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/17/2011	4/27/2011	7/21/2011	1/17/2011	1/17/2011	4/25/2011	7/25/2011	4/26/2011	7/21/2011	1/28/2011
Analyte (mg/L)	**Method**										
Ammonia-N	**350.1**	0.11 J	0.083 U	0.067 U	0.12 J	--	0.085 U	0.055 U	0.074 U	0.068 U	0.26 U
Bromide	**300**	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	--	--	--	--	--	--	--	--	--	--
Cyanides	**9012**	--	0.0047 U	--	--	--	0.002 U	--	0.0047 U	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	0.71	0.86	0.7	--	0.82	0.81	0.65	0.56	0.3 J	0.52
Nitrate-NO3	**300**	22	22	27	--	5.5	21	18	2.9 J	0.19 U	0.19 U
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	7.33 J	7.6 J	7.51	--	7.47 J	7.42 J	7.36 J	7.2 J	7.06	--
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	--	--	--	--	--	--	--	--	--	--
Sulfate	**300**	--	--	--	--	--	--	--	--	--	--
Sulfide	**4500**	--	0.007 U	--	--	--	0.007 U	--	0.007 U	--	--
TotalAlkalinity	**2320B**	--	--	--	--	--	--	--	--	--	--
TotalDissolvedSolids	**2540C**	--	--	--	--	--	--	--	--	--	--
Turbidity(NTU)	**180.1**	--	--	--	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-060	PZ-060	PZ-060	PZ-060	PZ-076	PZ-077	PZ-129	PZ-139	PZ-139	PZ-139	PZ-139
SampleType:		Primary	Primary	Split	Field Duplicate	Primary	Primary	Primary	Primary	Field Duplicate	Primary	Primary
Sample Name:		PZ-060_042711_01	PZ-060_072111_01	PZ-060_072111_03	PZ-060_072111_36	PZ-076_080811_01	PZ-077_080811_01	PZ-129_012611_01	PZ-139_020311_01	PZ-139_020311_36	PZ-139_042611_01	PZ-139_071111_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/27/2011	7/21/2011	7/21/2011	7/21/2011	8/8/2011	8/8/2011	1/26/2011	2/3/2011	2/3/2011	4/26/2011	7/11/2011
Analyte (mg/L)	**Method**											
Ammonia-N	**350.1**	0.3 U	0.28 U	--	--	--	--	--	--	--	--	--
Bromide	**300**	--	--	--	--	--	--	0.11 U	0.28 J	0.27 J	0.3 J	0.31 J
Chloride	**300**	--	--	--	--	160	240	15	30	30	27	27
Cyanides	**9012**	0.0035 U	--	--	--	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	0.56	0.48 J	--	--	--	--	0.78	1.1 U	1.1 U	1.3	1.4
Nitrate-NO3	**300**	0.19 U	0.19 U	--	--	1.4 J	11	7.8	5.9	5.9	5 J	3.8
Nitrite-N	**300**	--	--	--	--	--	--	0.16 U	0.32 J	0.35 J	0.16 UJ	0.16 U
pH(pHUnits)	**9040B**	7.94 J	--	--	--	--	--	--	--	--	--	--
Phosphate	**300**	--	--	--	--	--	--	0.57 UJ	0.57 U	0.57 U	0.57 UJ	0.57 U
Specificconductivity(umhos/cm)	**2510B**	--	--	--	--	--	--	--	--	--	--	--
Sulfate	**300**	--	--	--	--	--	--	290	120	120	130	120
Sulfide	**4500**	0.0088 J	0.007 U	0.027 J	0.007 U	--	--	--	--	--	--	--
TotalAlkalinity	**2320B**	--	--	--	--	--	--	--	--	--	--	--
TotalDissolvedSolids	**2540C**	--	--	--	--	--	--	--	--	--	--	--
Turbidity(NTU)	**180.1**	--	--	--	--	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-139	PZ-140	PZ-140	PZ-140	PZ-140	PZ-140	PZ-141	PZ-141	PZ-141	PZ-141
SampleType:		Split	Primary	Primary	Split	Primary	Field Duplicate	Primary	Split	Primary	Primary
Sample Name:		PZ-139_071111_03B	PZ-140_012511_01	PZ-140_042111_01	PZ-140_042111_03	PZ-140_080911_01A	PZ-140_080911_36A	PZ-141_020311_01	PZ-141_020311_03	PZ-141_041211_01	PZ-141_080111_01A
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Irvine	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver
Collection Date:		7/11/2011	1/25/2011	4/21/2011	4/21/2011	8/9/2011	8/9/2011	2/3/2011	2/3/2011	4/12/2011	8/1/2011
Analyte (mg/L)	**Method**										
Ammonia-N	**350.1**	--	--	--	--	--	--	--	--	--	--
Bromide	**300**	0.47 J	0.36 J	0.45 J	0.82	0.61	0.61	0.18 J	0.36 J	0.17 J	0.19 J
Chloride	**300**	24	110	140	130	180	180	70	78	69	69
Cyanides	**9012**	--	--	--	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	1.3	0.4 J	0.45 J	0.55	0.43 J	0.43 J	0.34 J	0.45 J	0.36 J	0.37 J
Nitrate-NO3	**300**	3.6	13	11	11 J	11	11	1 J	0.32 J	8.5	3.7
Nitrite-N	**300**	0.09 U	0.16 U	0.16 U	0.09 UJ	0.16 U	0.16 U	0.16 U	0.3 U	0.16 U	0.16 U
pH(pHUnits)	**9040B**	--	--	--	--	--	--	--	--	--	--
Phosphate	**300**	--	0.57 U	0.57 U	--	0.57 U	0.57 U	0.57 U	--	0.57 U	0.57 U
Specificconductivity(umhos/cm)	**2510B**	--	--	--	--	--	--	--	--	--	--
Sulfate	**300**	120	120	130	130	150	150	310	320	310	310
Sulfide	**4500**	--	--	--	--	--	--	--	--	--	--
TotalAlkalinity	**2320B**	--	--	--	--	--	--	--	--	--	--
TotalDissolvedSolids	**2540C**	--	--	--	--	--	--	--	--	--	--
Turbidity(NTU)	**180.1**	--	--	--	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-144	PZ-144	PZ-144	PZ-144	PZ-146	PZ-146	PZ-147	PZ-147	PZ-148	PZ-149	PZ-149
SampleType:		Primary	Primary	Field Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-144_020111_01	PZ-144_041311_01	PZ-144_041311_36	PZ-144_080111_01	PZ-146_042911_01	PZ-146_080311_01	PZ-147_042811_01	PZ-147_080911_01	PZ-148_042811_01	PZ-149_041111_01	PZ-149_072811_01A
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/1/2011	4/13/2011	4/13/2011	8/1/2011	4/29/2011	8/3/2011	4/28/2011	8/9/2011	4/28/2011	4/11/2011	7/28/2011
Analyte (mg/L)	**Method**											
Ammonia-N	**350.1**	--	--	--	--	--	--	--	--	--	--	--
Bromide	**300**	0.11 U	0.11 U	0.11 U	0.11 U	1	1.5	0.11 U	0.11 J	0.11 U	0.28 J	0.28 J
Chloride	**300**	4.9	4.4	4.4	3.5	110	150	12	17	23	93	95
Cyanides	**9012**	--	--	--	--	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	0.68	0.73	0.73	0.66	7.4	1.9	0.13 J	0.12 J	0.23 J	0.94	0.89
Nitrate-NO3	**300**	23 J	21	21	16	0.19 U	0.46 J	0.19 U	0.19 U	0.72 J	0.25 J	0.19 J
Nitrite-N	**300**	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
pH(pHUnits)	**9040B**	--	--	--	--	--	--	--	--	--	--	--
Phosphate	**300**	0.57 UJ	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U
Specificconductivity(umhos/cm)	**2510B**	--	--	--	--	--	--	--	--	--	--	--
Sulfate	**300**	31	26	26	17	490	110	22	24	60	190	170
Sulfide	**4500**	--	--	--	--	--	--	--	--	--	--	--
TotalAlkalinity	**2320B**	--	--	--	--	--	--	--	--	--	--	--
TotalDissolvedSolids	**2540C**	--	--	--	--	--	--	--	--	--	--	--
Turbidity(NTU)	**180.1**	--	--	--	--	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-154	PZ-154	PZ-155	PZ-157	PZ-158	PZ-158	PZ-159	PZ-159	RD-01	RD-01	RD-02
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-154_012811_01	PZ-154_072711_01A	PZ-155_072911_01A	PZ-157_072211_01	PZ-158_013111_01	PZ-158_072211_01	PZ-159_011911_01	PZ-159_072211_01	RD-01_042111_01	RD-01_071511_01	RD-02_042511_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/28/2011	7/27/2011	7/29/2011	7/22/2011	1/31/2011	7/22/2011	1/19/2011	7/22/2011	4/21/2011	7/15/2011	4/25/2011
Analyte (mg/L)	**Method**											
Ammonia-N	**350.1**	--	--	--	--	--	--	--	--	0.055 U	0.074 J	0.068 U
Bromide	**300**	0.25 J	0.22 J	0.16 J	0.58	0.49 J	0.42 J	0.11 U	0.11 U	--	--	--
Chloride	**300**	110	94	70	150	150	120	6.4	11	--	--	--
Cyanides	**9012**	--	--	--	--	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	0.56	0.75	0.36 J	0.26 J	0.62	0.3 J	0.39 J	0.29 J	0.41 J	0.37 J	0.32 J
Nitrate-NO3	**300**	0.19 U	0.19 U	0.19 U	1.8 J	14 J	5.9	2.9	0.34 J	11	4.8	0.19 U
Nitrite-N	**300**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	--	--	--
pH(pHUnits)	**9040B**	--	--	--	--	--	--	--	--	6.97	7.48 J	7.01
Phosphate	**300**	0.57 U	0.57 U	0.57 U	0.57 U	0.57 UJ	0.57 U	0.57 U	0.57 U	--	--	--
Specificconductivity(umhos/cm)	**2510B**	--	--	--	--	--	--	--	--	--	--	--
Sulfate	**300**	210	160	27	69	300	280	39	49	--	--	--
Sulfide	**4500**	--	--	--	--	--	--	--	--	--	--	--
TotalAlkalinity	**2320B**	--	--	--	--	--	--	--	--	--	--	--
TotalDissolvedSolids	**2540C**	--	--	--	--	--	--	--	--	--	--	--
Turbidity(NTU)	**180.1**	--	--	--	--	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-02	RD-03	RD-03	RD-03	RD-05A	RD-05A	RD-05A	RD-05B	RD-05B	RD-05B	RD-05C
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-02_071511_01	RD-03_020111_01	RD-03_042511_01	RD-03_080511_01	RD-05A_011211_01	RD-05A_041811_01	RD-05A_071911_01	RD-05B_011211_01	RD-05B_041811_01	RD-05B_071911_01	RD-05C_011311_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/15/2011	2/1/2011	4/25/2011	8/5/2011	1/12/2011	4/18/2011	7/19/2011	1/12/2011	4/18/2011	7/19/2011	1/13/2011
Analyte (mg/L)	**Method**											
Ammonia-N	**350.1**	0.075 J	0.08 J	0.06 U	0.055 U	0.076 J	0.055 J	0.055 U	0.14 J	0.1 J	0.1 J	0.2 J
Bromide	**300**	--	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	--	--	--	53	--	--	--	--	--	--	--
Cyanides	**9012**	--	--	--	--	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	0.37 J	0.4 J	0.43 J	0.43 J	0.19 J	0.25 J	0.063 J	0.082 J	0.095 J	0.06 U	0.19 J
Nitrate-NO3	**300**	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	7.2 J	7.3 J	7.35	7.26	7.16	7.27	7.2 J	9.06	9.17	9.25 J	7.59
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	--	--	--	--	--	--	--	--	--	--	--
Sulfate	**300**	--	--	--	--	--	--	--	--	--	--	--
Sulfide	**4500**	--	--	--	--	--	--	--	--	--	--	--
TotalAlkalinity	**2320B**	--	--	--	--	--	--	--	--	--	--	--
TotalDissolvedSolids	**2540C**	--	--	--	--	--	--	--	--	--	--	--
Turbidity(NTU)	**180.1**	--	--	--	--	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-05C	RD-05C	RD-06	RD-06	RD-06	RD-08	RD-08	RD-08	RD-104	RD-104	RD-11
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-05C_041811_01	RD-05C_071911_01	RD-06_011311_01	RD-06_041811_01	RD-06_071911_01	RD-08_011911_01	RD-08_041111_01	RD-08_071211_01	RD-104_042911_01	RD-104_072711_01	RD-11_012411_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/18/2011	7/19/2011	1/13/2011	4/18/2011	7/19/2011	1/19/2011	4/11/2011	7/12/2011	4/29/2011	7/27/2011	1/24/2011
Analyte (mg/L)	**Method**											
Ammonia-N	**350.1**	0.18 J	0.22 J	0.065 J	0.055 J	0.055 U	0.13 U	0.065 J	0.055 U	0.093 J	0.075 U	0.15 U
Bromide	**300**	--	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	--	--	--	--	--	--	--	--	31	--	--
Cyanides	**9012**	--	--	--	--	--	--	0.002 U	--	0.005 U	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	0.21 J	0.06 U	0.6	0.64	0.52	0.29 J	0.28 J	0.14 J	0.29 J	0.31 J	--
Nitrate-NO3	**300**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	--
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	7.6	7.68 J	7.28	7.17	7.14 J	8.06	8.48	8.54 J	7.13	--	--
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	--	--	--	--	--	--	--	--	990	--	--
Sulfate	**300**	--	--	--	--	--	--	--	--	110	--	--
Sulfide	**4500**	--	--	--	--	--	--	0.007 U	--	0.012 J	--	--
TotalAlkalinity	**2320B**	--	--	--	--	--	--	--	--	420	--	--
TotalDissolvedSolids	**2540C**	--	--	--	--	--	--	--	--	590	--	--
Turbidity(NTU)	**180.1**	--	--	--	--	--	--	--	--	56	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-11	RD-11	RD-11	RD-11	RD-11	RD-12	RD-12	RD-12	RD-12	RD-12	RD-14
SampleType:		Primary	Primary	Primary	Split	Field Duplicate	Primary	Primary	Primary	Split	Field Duplicate	Primary
Sample Name:		RD-11_012411_01A	RD-11_041111_01	RD-11_071911_01	RD-11_071911_03	RD-11_071911_36	RD-12_012411_01	RD-12_041111_01	RD-12_071911_01	RD-12_071911_03	RD-12_071911_36	RD-14_071411_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver
Collection Date:		1/24/2011	4/11/2011	7/19/2011	7/19/2011	7/19/2011	1/24/2011	4/11/2011	7/19/2011	7/19/2011	7/19/2011	7/14/2011
Analyte (mg/L)	**Method**											
Ammonia-N	**350.1**	--	0.17 J	0.83	--	--	0.086 U	0.062 J	0.055 U	--	--	--
Bromide	**300**	--	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	--	--	--	--	--	--	--	--	--	--	--
Cyanides	**9012**	--	0.0034 J	0.002 U	--	0.002 U	--	0.0036 J	0.0023 J	--	0.002 U	--
Cyanides	**9014**	--	--	--	0.0022 U	--	--	--	--	0.0031 J	--	--
Fluoride	**300**	0.6	0.65	0.4 J	--	--	0.46 J	0.48 J	0.32 J	--	--	0.12 J
Nitrate-NO3	**300**	0.19 U	0.19 U	0.19 U	--	--	0.19 U	0.19 U	0.19 U	--	--	--
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	8.25	8.19	8.24 J	--	--	7.65	7.85	7.85 J	--	--	--
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	--	--	--	--	--	--	--	--	--	--	--
Sulfate	**300**	--	--	--	--	--	--	--	--	--	--	--
Sulfide	**4500**	--	0.029 J	0.088 J	0.084 J	0.091 J	--	0.007 U	--	--	--	--
TotalAlkalinity	**2320B**	--	--	--	--	--	--	--	--	--	--	--
TotalDissolvedSolids	**2540C**	--	--	--	--	--	--	--	--	--	--	--
Turbidity(NTU)	**180.1**	--	--	--	--	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-18	RD-19	RD-19	RD-34A	RD-34C	RD-36A	RD-36B	RD-36B	RD-36B	RD-36C	RD-36C
SampleType:		Primary	Primary	Split	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-18_071811_01	RD-19_071811_01	RD-19_071811_03A	RD-34A_071211_01	RD-34C_071211_01	RD-36A_040711_01	RD-36B_011711_01	RD-36B_040711_01	RD-36B_080411_01	RD-36C_011711_01	RD-36C_011711_01A
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/18/2011	7/18/2011	7/18/2011	7/12/2011	7/12/2011	4/7/2011	1/17/2011	4/7/2011	8/4/2011	1/17/2011	1/17/2011
Analyte (mg/L)	**Method**											
Ammonia-N	**350.1**	--	--	--	--	--	0.055 U	0.12 J	0.059 J	0.055 U	0.13 J	--
Bromide	**300**	--	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	--	--	--	--	--	--	--	--	--	--	--
Cyanides	**9012**	--	--	--	--	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	0.37 J	0.4 J	0.49 J	0.6	0.42 J	0.078 J	0.12 J	0.14 J	0.12 J	--	0.082 J
Nitrate-NO3	**300**	--	--	--	--	--	19	15	15	14	--	0.19 U
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	--	--	--	--	--	6.13	6.56 J	6.53	6.44	--	6.69 J
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	--	--	--	--	--	--	--	--	--	--	--
Sulfate	**300**	--	--	--	--	--	--	--	--	--	--	--
Sulfide	**4500**	--	--	--	--	--	--	--	--	--	--	--
TotalAlkalinity	**2320B**	--	--	--	--	--	--	--	--	--	--	--
TotalDissolvedSolids	**2540C**	--	--	--	--	--	--	--	--	--	--	--
Turbidity(NTU)	**180.1**	--	--	--	--	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-36C	RD-36C	RD-36D	RD-36D	RD-36D	RD-37	RD-37	RD-37	RD-37	RD-38B	RD-38B
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Field Duplicate	Primary	Primary	Primary	Field Duplicate
Sample Name:		RD-36C_040711_01	RD-36C_080411_01	RD-36D_011711_01	RD-36D_040711_01	RD-36D_080411_01	RD-37_011911_01	RD-37_011911_36	RD-37_040811_01	RD-37_080311_01	RD-38B_020211_01	RD-38B_020211_36
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/7/2011	8/4/2011	1/17/2011	4/7/2011	8/4/2011	1/19/2011	1/19/2011	4/8/2011	8/3/2011	2/2/2011	2/2/2011
Analyte (mg/L)	**Method**											
Ammonia-N	**350.1**	0.28 J	0.23 J	0.11 J	0.055 U	0.055 U	0.055 U	0.056 U	0.058 J	0.055 U	0.084 J	0.064 J
Bromide	**300**	--	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	--	--	--	--	--	--	--	--	--	--	--
Cyanides	**9012**	--	--	--	--	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	0.16 J	0.22 J	0.11 J	0.088 J	0.098 J	0.06 U	0.06 U	0.06 U	0.06 U	0.28 J	0.28 J
Nitrate-NO3	**300**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	6.77	6.58	8.29 J	8.5	8.28	7.04 J	7.23 J	7.04	7.02	7.3	7.28
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	--	--	--	--	--	--	--	--	--	--	--
Sulfate	**300**	--	--	--	--	--	--	--	--	--	--	--
Sulfide	**4500**	--	--	--	--	--	--	--	--	--	--	--
TotalAlkalinity	**2320B**	--	--	--	--	--	--	--	--	--	--	--
TotalDissolvedSolids	**2540C**	--	--	--	--	--	--	--	--	--	--	--
Turbidity(NTU)	**180.1**	--	--	--	--	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-38B	RD-38B	RD-38B	RD-39A	RD-39B	RD-39B	RD-39B	RD-39B	RD-41A	RD-41A
SampleType:		Primary	Primary	Field Duplicate	Primary	Primary	Primary	Field Duplicate	Primary	Primary	Primary
Sample Name:		RD-38B_042211_01	RD-38B_072811_01	RD-38B_072811_36	RD-39A_011911_01	RD-39B_011911_01	RD-39B_040811_01	RD-39B_040811_36	RD-39B_080311_01	RD-41A_013111_01	RD-41A_013111_01A
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/22/2011	7/28/2011	7/28/2011	1/19/2011	1/19/2011	4/8/2011	4/8/2011	8/3/2011	1/31/2011	1/31/2011
Analyte (mg/L)	**Method**										
Ammonia-N	**350.1**	0.06 J	0.11 U	0.098 U	0.16 U	0.058 U	0.055 U	0.055 U	0.055 U	0.074 J	--
Bromide	**300**	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	--	--	--	--	--	--	--	--	--	57
Cyanides	**9012**	--	--	--	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	0.3 J	0.3 J	0.3 J	0.23 J	0.11 J	0.13 J	0.11 J	0.13 J	--	0.28 J
Nitrate-NO3	**300**	0.19 U	0.19 U	0.19 U	8.4	0.19 U	0.19 U	0.19 U	0.19 U	--	0.19 UJ
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	7.39	7.32	7.37	7.24 J	8.16	8.31	8.31	8.4	--	6.97 J
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	--	--	--	--	--	--	--	--	--	1200
Sulfate	**300**	--	--	--	--	--	--	--	--	--	180
Sulfide	**4500**	--	--	--	--	--	--	--	--	--	--
TotalAlkalinity	**2320B**	--	--	--	--	--	--	--	--	--	440
TotalDissolvedSolids	**2540C**	--	--	--	--	--	--	--	--	--	780
Turbidity(NTU)	**180.1**	--	--	--	--	--	--	--	--	--	15 J

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-41A	RD-43A	RD-43A	RD-43A	RD-43B	RD-43B	RD-43B	RD-43C	RD-43C	RD-43C
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-41A_041111_01	RD-43A_020211_01	RD-43A_042211_01	RD-43A_080511_01	RD-43B_020111_01	RD-43B_042211_01	RD-43B_080411_01	RD-43C_020211_01	RD-43C_042211_01	RD-43C_080411_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/11/2011	2/2/2011	4/22/2011	8/5/2011	2/1/2011	4/22/2011	8/4/2011	2/2/2011	4/22/2011	8/4/2011
Analyte (mg/L)	**Method**										
Ammonia-N	**350.1**	0.089 J	0.075 J	0.055 U	0.068 J	0.076 J	0.095 J	0.064 J	0.075 J	0.077 J	0.058 J
Bromide	**300**	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	42	--	--	--	--	--	--	--	--	--
Cyanides	**9012**	--	--	--	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	0.42 J	0.34 J	0.46 J	0.37 J	0.33 J	0.34 J	0.34 J	0.3 J	0.35 J	0.32 J
Nitrate-NO3	**300**	0.56 J	0.57 J	25	0.35 J	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	6.87	7.04	6.95	6.97	7.33 J	7.36	7.47	7.36	7.42	7.44
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	1300	--	--	--	--	--	--	--	--	--
Sulfate	**300**	170	--	--	--	--	--	--	--	--	--
Sulfide	**4500**	--	--	--	--	--	--	--	--	--	--
TotalAlkalinity	**2320B**	490	--	--	--	--	--	--	--	--	--
TotalDissolvedSolids	**2540C**	800	--	--	--	--	--	--	--	--	--
Turbidity(NTU)	**180.1**	0.29	--	--	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-43C	RD-45A	RD-45A	RD-45A	RD-45B	RD-45B	RD-45B	RD-45C	RD-45C	RD-45C
SampleType:		Field Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-43C_080411_36	RD-45A_012111_01	RD-45A_042511_01	RD-45A_081011_01	RD-45B_013111_01	RD-45B_042211_01	RD-45B_081011_01	RD-45C_013111_01	RD-45C_042211_01	RD-45C_081011_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/4/2011	1/21/2011	4/25/2011	8/10/2011	1/31/2011	4/22/2011	8/10/2011	1/31/2011	4/22/2011	8/10/2011
Analyte (mg/L)	**Method**										
Ammonia-N	**350.1**	0.057 J	0.067 U	0.071 U	0.055 U	0.055 U	0.058 J	0.069 J	0.061 J	0.063 J	0.06 J
Bromide	**300**	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	--	--	--	--	--	--	--	--	--	--
Cyanides	**9012**	--	--	--	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	0.32 J	0.3 J	0.26 J	0.25 U	0.21 J	0.22 J	0.25 U	0.27 J	0.3 J	0.29 U
Nitrate-NO3	**300**	0.19 U	0.19 U	0.19 U	0.23 J	0.19 UJ	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	7.44	7.09	7.26	7.19 J	7.43 J	7.25	7.56 J	7.74 J	7.73	7.92 J
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	--	--	--	--	--	--	--	--	--	--
Sulfate	**300**	--	--	--	--	--	--	--	--	--	--
Sulfide	**4500**	--	--	--	--	--	--	--	--	--	--
TotalAlkalinity	**2320B**	--	--	--	--	--	--	--	--	--	--
TotalDissolvedSolids	**2540C**	--	--	--	--	--	--	--	--	--	--
Turbidity(NTU)	**180.1**	--	--	--	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-46A	RD-46A	RD-46A	RD-46B	RD-46B	RD-46B	RD-48A	RD-48A	RD-48A	RD-48B
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-46A_012511_01	RD-46A_042111_01	RD-46A_080811_01	RD-46B_012511_01	RD-46B_042111_01	RD-46B_080811_01	RD-48A_011811_01	RD-48A_040611_01	RD-48A_080111_01	RD-48B_011811_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/25/2011	4/21/2011	8/8/2011	1/25/2011	4/21/2011	8/8/2011	1/18/2011	4/6/2011	8/1/2011	1/18/2011
Analyte (mg/L)	**Method**										
Ammonia-N	**350.1**	0.12 U	0.057 J	0.075 J	0.093 U	0.055 U	0.055 U	0.25 U	0.26 U	0.32 J	0.25 U
Bromide	**300**	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	--	--	--	--	--	61	--	--	4.9	--
Cyanides	**9012**	--	--	--	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	0.36 J	0.37 J	0.42 J	0.18 J	0.19 J	0.21 U	0.18 J	0.13 J	0.16 J	0.25 J
Nitrate-NO3	**300**	0.19 U	0.19 U	0.55 J	0.19 U	0.19 U	0.19 U	5.9	0.19 U	0.19 U	0.19 U
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	7.18 J	7.11	7.05 J	8.73 J	8.77	8.92 J	6.88 J	6.74	6.74	7.8 J
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	--	--	--	--	--	--	--	--	--	--
Sulfate	**300**	--	--	--	--	--	--	--	--	--	--
Sulfide	**4500**	--	--	--	--	--	--	--	--	--	--
TotalAlkalinity	**2320B**	--	--	--	--	--	--	--	--	--	--
TotalDissolvedSolids	**2540C**	--	--	--	--	--	--	--	--	--	--
Turbidity(NTU)	**180.1**	--	--	--	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-48B	RD-48B	RD-48C	RD-48C	RD-48C	RD-49A	RD-49A	RD-49B	RD-49B	RD-49B
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-48B_040611_01	RD-48B_080111_01	RD-48C_020111_01	RD-48C_042211_01	RD-48C_080111_01	RD-49A_012811_01	RD-49A_041511_01	RD-49B_012111_01	RD-49B_012111_01A	RD-49B_041511_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/6/2011	8/1/2011	2/1/2011	4/22/2011	8/1/2011	1/28/2011	4/15/2011	1/21/2011	1/21/2011	4/15/2011
Analyte (mg/L)	**Method**										
Ammonia-N	**350.1**	0.21 U	0.19 U	0.14 J	0.14 J	0.14 U	0.13 U	0.09 J	0.08 U	--	0.069 J
Bromide	**300**	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	--	50	--	--	44	58	60	--	44	45
Cyanides	**9012**	--	--	--	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	0.33 J	0.34 J	0.27 J	0.29 J	0.28 J	0.34 J	0.35 J	--	0.22 J	0.22 J
Nitrate-NO3	**300**	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 U	--	0.19 U	0.19 U
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	7.61	7.56	7.33 J	7.49	7.28	7.05	6.97	--	7.12	7.17
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	--	--	--	--	--	1900	2000	--	1200	1200
Sulfate	**300**	--	--	--	--	--	640	620	--	270	260
Sulfide	**4500**	--	--	--	--	--	--	--	--	--	--
TotalAlkalinity	**2320B**	--	--	--	--	--	440	480	--	320	330
TotalDissolvedSolids	**2540C**	--	--	--	--	--	1400	1500	--	790	770
Turbidity(NTU)	**180.1**	--	--	--	--	--	13	8.8	--	6.6	11

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-49B	RD-49C	RD-49C	RD-49C	RD-51A	RD-51A	RD-51A	RD-51A	RD-51B	RD-51B
SampleType:		Field Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-49B_041511_36	RD-49C_012111_01	RD-49C_041511_01	RD-49C_080511_01	RD-51A_011811_01	RD-51A_011811_01A	RD-51A_040811_01	RD-51A_080311_01	RD-51B_012611_01	RD-51B_041311_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/15/2011	1/21/2011	4/15/2011	8/5/2011	1/18/2011	1/18/2011	4/8/2011	8/3/2011	1/26/2011	4/13/2011
Analyte (mg/L)	**Method**										
Ammonia-N	**350.1**	0.055 U	0.059 U	0.055 U	0.055 U	0.11 U	--	0.055 U	0.055 U	0.14 U	0.15 J
Bromide	**300**	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	45	--	--	--	--	--	--	--	--	--
Cyanides	**9012**	--	--	0.002 U	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	0.22 J	0.17 J	0.24 J	0.19 J	--	0.39 J	0.48 J	0.43 J	0.26 J	0.29 J
Nitrate-NO3	**300**	0.19 U	0.19 U	0.19 U	0.19 U	--	4.1	4.4	5.9	0.19 U	0.19 U
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	7.12	--	7.41	--	--	7.23 J	7.21	7.15	7.41 J	7.41
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	1100	--	--	--	--	--	--	--	--	--
Sulfate	**300**	260	--	--	--	--	--	--	--	--	--
Sulfide	**4500**	--	--	0.007 U	--	--	--	--	--	--	--
TotalAlkalinity	**2320B**	320	--	--	--	--	--	--	--	--	--
TotalDissolvedSolids	**2540C**	770	--	--	--	--	--	--	--	--	--
Turbidity(NTU)	**180.1**	10	--	--	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-51B	RD-51C	RD-51C	RD-51C	RD-52A	RD-52A	RD-52A	RD-52B	RD-52B	RD-52B
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-51B_080311_01	RD-51C_012611_01	RD-51C_041311_01	RD-51C_080311_01	RD-52A_012111_01	RD-52A_042011_01	RD-52A_071811_01	RD-52B_013111_01	RD-52B_013111_01A	RD-52B_042011_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/3/2011	1/26/2011	4/13/2011	8/3/2011	1/21/2011	4/20/2011	7/18/2011	1/31/2011	1/31/2011	4/20/2011
Analyte (mg/L)	**Method**										
Ammonia-N	**350.1**	0.086 J	0.14 U	0.13 J	0.15 J	0.28 J	0.29 J	0.31 J	0.073 J	--	0.11 J
Bromide	**300**	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	--	--	--	--	--	--	--	--	--	--
Cyanides	**9012**	--	--	--	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	0.26 J	0.18 J	0.19 J	0.18 J	0.36 J	0.38 J	0.08 J	--	0.19 J	0.2 J
Nitrate-NO3	**300**	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	--	0.19 UJ	0.19 U
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	7.37	7.51 J	7.5	7.47	7.04	7.09 J	7.14 J	--	7.21 J	7.25 J
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	--	--	--	--	--	--	--	--	--	--
Sulfate	**300**	--	--	--	--	--	--	--	--	--	--
Sulfide	**4500**	--	--	--	--	--	--	--	--	--	--
TotalAlkalinity	**2320B**	--	--	--	--	--	--	--	--	--	--
TotalDissolvedSolids	**2540C**	--	--	--	--	--	--	--	--	--	--
Turbidity(NTU)	**180.1**	--	--	--	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-52B	RD-52C	RD-52C	RD-52C	RD-53	RD-53	RD-55A	RD-55A	RD-55A	RD-55B	RD-55B
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-52B_071511_01	RD-52C_013111_01	RD-52C_042011_01	RD-52C_071311_01	RD-53_042511_01	RD-53_071811_01	RD-55A_011411_01	RD-55A_042611_01	RD-55A_072611_01	RD-55B_011411_01	RD-55B_011411_01A
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/15/2011	1/31/2011	4/20/2011	7/13/2011	4/25/2011	7/18/2011	1/14/2011	4/26/2011	7/26/2011	1/14/2011	1/14/2011
Analyte (mg/L)	**Method**											
Ammonia-N	**350.1**	0.097 J	0.055 U	0.059 J	0.067 U	0.08 U	0.055 U	0.12 J	0.066 U	0.1 U	0.12 J	--
Bromide	**300**	--	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	--	--	--	--	--	--	--	--	--	--	--
Cyanides	**9012**	--	--	--	--	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	0.17 J	0.21 J	0.24 J	0.16 J	0.17 J	0.06 U	0.32 J	0.34 J	0.18 J	--	0.5
Nitrate-NO3	**300**	0.19 U	0.19 UJ	0.19 U	0.19 U	5.5	6.6	18	19 UJ	19	--	0.19 U
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	7.43 J	7.37 J	7.42 J	7.33	7.14 J	7.2 J	7.16	7.34 J	7.24	--	7.77
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	--	--	--	--	--	--	--	--	--	--	--
Sulfate	**300**	--	--	--	--	--	--	--	--	--	--	--
Sulfide	**4500**	--	--	--	--	--	--	--	--	--	--	--
TotalAlkalinity	**2320B**	--	--	--	--	--	--	--	--	--	--	--
TotalDissolvedSolids	**2540C**	--	--	--	--	--	--	--	--	--	--	--
Turbidity(NTU)	**180.1**	--	--	--	--	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-55B	RD-55B	RD-56A	RD-56B	RD-58A	RD-58A	RD-58A	RD-58A	RD-58A	RD-58A
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Split	Split	Primary	Primary
Sample Name:		RD-55B_042611_01	RD-55B_072911_01	RD-56A_071311_01	RD-56B_071311_01	RD-58A_011411_01	RD-58A_011411_01A	RD-58A_011411_03	RD-58A_011411_03A	RD-58A_040611_01	RD-58A_072511_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Irvine	TA- Denver	TA- Denver
Collection Date:		4/26/2011	7/29/2011	7/13/2011	7/13/2011	1/14/2011	1/14/2011	1/14/2011	1/14/2011	4/6/2011	7/25/2011
Analyte (mg/L)	**Method**										
Ammonia-N	**350.1**	0.1 U	0.18 U	--	--	0.15 J	--	0.048 U	--	0.055 U	0.078 U
Bromide	**300**	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	--	--	--	--	--	--	--	--	--	--
Cyanides	**9012**	--	--	--	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	0.62	0.58	0.43 J	0.36 J	--	0.37 J	--	0.47 J	0.4 J	0.27 J
Nitrate-NO3	**300**	0.19 UJ	0.19 U	--	--	--	0.19 U	--	0.25 U	0.19 U	0.2 J
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	7.9 J	7.74	--	--	--	7.23	--	7.33	7.11 J	7.03 J
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	--	--	--	--	--	--	--	--	--	--
Sulfate	**300**	--	--	--	--	--	--	--	--	--	--
Sulfide	**4500**	--	--	--	--	--	--	--	--	--	--
TotalAlkalinity	**2320B**	--	--	--	--	--	--	--	--	--	--
TotalDissolvedSolids	**2540C**	--	--	--	--	--	--	--	--	--	--
Turbidity(NTU)	**180.1**	--	--	--	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-58A	RD-58B	RD-58B	RD-58B	RD-58C	RD-58C	RD-58C	RD-58C	RD-59A	RD-59B
SampleType:		Field Duplicate	Primary	Primary	Primary	Primary	Field Duplicate	Primary	Primary	Primary	Primary
Sample Name:		RD-58A_072511_36	RD-58B_011411_01	RD-58B_040611_01	RD-58B_072511_01	RD-58C_011411_01	RD-58C_011411_36	RD-58C_040611_01	RD-58C_072511_01	RD-59A_071111_01	RD-59B_071111_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/25/2011	1/14/2011	4/6/2011	7/25/2011	1/14/2011	1/14/2011	4/6/2011	7/25/2011	7/11/2011	7/11/2011
Analyte (mg/L)	**Method**										
Ammonia-N	**350.1**	0.055 U	0.11 J	0.083 U	0.066 U	0.15 J	0.14 J	0.14 U	0.15 U	--	--
Bromide	**300**	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	--	--	--	--	--	--	--	--	--	--
Cyanides	**9012**	--	--	--	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	0.26 J	0.36 J	0.42 J	0.26 J	0.26 J	0.26 J	0.28 J	0.11 J	0.67	0.76
Nitrate-NO3	**300**	0.19 J	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	--	--
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	7.15 J	7.44	7.38	7.29 J	7.9	7.85	7.8 J	7.75 J	--	--
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	--	--	--	--	--	--	--	--	--	--
Sulfate	**300**	--	--	--	--	--	--	--	--	--	--
Sulfide	**4500**	--	--	--	--	--	--	--	--	--	--
TotalAlkalinity	**2320B**	--	--	--	--	--	--	--	--	--	--
TotalDissolvedSolids	**2540C**	--	--	--	--	--	--	--	--	--	--
Turbidity(NTU)	**180.1**	--	--	--	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-59C	RD-60	RD-61	RD-62	RD-63	RD-68A	RD-68A	RD-68A	RD-68B	RD-68B	RD-68B
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-59C_071111_01	RD-60_071811_01	RD-61_072811_01	RD-62_072811_01	RD-63_071811_01	RD-68A_011211_01	RD-68A_041811_01	RD-68A_071111_01	RD-68B_011211_01	RD-68B_041811_01	RD-68B_071111_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/11/2011	7/18/2011	7/28/2011	7/28/2011	7/18/2011	1/12/2011	4/18/2011	7/11/2011	1/12/2011	4/18/2011	7/11/2011
Analyte (mg/L)	**Method**											
Ammonia-N	**350.1**	--	--	--	--	--	0.12 J	0.055 U	0.085 U	0.076 J	0.055 U	0.11 U
Bromide	**300**	--	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	--	--	30	15	--	--	--	--	--	--	--
Cyanides	**9012**	--	--	--	--	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	0.68	0.27 J	--	--	0.32 J	0.28 J	0.28 J	0.11 J	0.9	0.95	0.86
Nitrate-NO3	**300**	--	--	0.19 U	0.19 U	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	--	--	--	--	--	--	8.3	--	--	7.5	--
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	--	--	--	--	--	--	--	--	--	--	--
Sulfate	**300**	--	--	--	--	--	--	--	--	--	--	--
Sulfide	**4500**	--	--	--	--	--	--	--	--	--	--	--
TotalAlkalinity	**2320B**	--	--	--	--	--	--	--	--	--	--	--
TotalDissolvedSolids	**2540C**	--	--	--	--	--	--	--	--	--	--	--
Turbidity(NTU)	**180.1**	--	--	--	--	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-77	RD-77	RD-77	RD-85	RD-85	RD-86	RS-07	RS-07	RS-07	RS-08	RS-08
SampleType:		Primary	Primary	Primary	Primary	Field Duplicate	Primary	Primary	Primary	Primary	Primary	Field Duplicate
Sample Name:		RD-77_020211_01	RD-77_020211_01A	RD-77_042211_01	RD-85_071411_01	RD-85_071411_36	RD-86_071311_01	RS-07_020111_01	RS-07_020111_01A	RS-07_042111_01	RS-08_012611_01	RS-08_012611_36
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/2/2011	2/2/2011	4/22/2011	7/14/2011	7/14/2011	7/13/2011	2/1/2011	2/1/2011	4/21/2011	1/26/2011	1/26/2011
Analyte (mg/L)	**Method**											
Ammonia-N	**350.1**	0.055 U	--	0.055 U	--	--	--	0.093 U	--	0.064 U	0.088 U	--
Bromide	**300**	--	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	--	34	36	--	--	--	--	--	--	--	--
Cyanides	**9012**	--	--	--	--	--	--	--	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	--	0.2 J	0.22 J	0.43 J	0.43 J	0.4 J	--	0.74	0.63	0.49 J	--
Nitrate-NO3	**300**	--	15	16	--	--	--	--	1.7 J	0.19 U	0.47 J	--
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	--	6.95	7.45	--	--	--	--	7.22 J	7.31 J	--	--
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	--	730	690	--	--	--	--	--	--	--	--
Sulfate	**300**	--	74	75	--	--	--	--	--	--	--	--
Sulfide	**4500**	--	--	--	--	--	--	--	--	--	0.007 U	0.007 U
TotalAlkalinity	**2320B**	--	230	230	--	--	--	--	--	--	--	--
TotalDissolvedSolids	**2540C**	--	440	430	--	--	--	--	--	--	--	--
Turbidity(NTU)	**180.1**	--	0.2 U	0.2 U	--	--	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RS-08	RS-08	RS-13	RS-29	RS-33	RS-33	RS-33	RS-34	RS-34	RS-34	RS-34	SH-02
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RS-08_041311_01	RS-08_072911_01	RS-13_042811_01	RS-29_041311_01	RS-33_011411_01	RS-33_040711_01	RS-33_072611_01	RS-34_012811_01	RS-34_012811_01A	RS-34_042711_01	RS-34_072111_01	SH-02_012111_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/13/2011	7/29/2011	4/28/2011	4/13/2011	1/14/2011	4/7/2011	7/26/2011	1/28/2011	1/28/2011	4/27/2011	7/21/2011	1/21/2011
Analyte (mg/L)	**Method**												
Ammonia-N	**350.1**	0.055 U	0.13 U	0.078 U	--	0.081 J	0.055 U	0.08 U	0.083 U	--	0.071 U	0.055 U	0.1 U
Bromide	**300**	--	--	0.11 U	0.53	--	--	--	--	--	--	--	--
Chloride	**300**	--	--	9.9	29	99	91	--	--	75	110	--	--
Cyanides	**9012**	0.002 U	--	--	--	--	0.002 U	--	--	--	0.0038 U	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	0.42 J	0.32 J	0.5 U	0.51	0.41 J	0.53	0.34 J	--	0.4 J	0.35 J	0.43 J	--
Nitrate-NO3	**300**	2 J	0.19 U	0.43 U	1 J	4.2	8	8.1	--	5.9	5	0.19 U	--
Nitrite-N	**300**	--	--	0.16 U	0.22 J	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	7.2 J	--	7.45 J	--	7.28	7.32	7.3	--	7.16	7.71 J	7	--
Phosphate	**300**	--	--	0.57 U	0.57 U	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	--	--	--	--	1300	1300	--	--	1300	1300	--	--
Sulfate	**300**	--	--	65	26	200	210	--	--	150	130	--	--
Sulfide	**4500**	0.007 U	--	--	--	--	0.007 U	--	--	--	0.007 U	--	--
TotalAlkalinity	**2320B**	--	--	--	--	350	350	--	--	440	410	--	--
TotalDissolvedSolids	**2540C**	--	--	--	--	790	800	--	--	770	750	--	--
Turbidity(NTU)	**180.1**	--	--	--	--	0.2 UJ	0.2 U	--	--	0.2 U	0.2 U	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		SH-02	SH-02	SH-02	SH-03	SH-03	SH-03	SH-04	SH-04	SH-04	SH-07	SH-07
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		SH-02_012111_01A	SH-02_040811_01	SH-02_072011_01	SH-03_012111_01	SH-03_012111_01A	SH-03_040811_01	SH-04_012111_01	SH-04_040711_01	SH-04_072011_01	SH-07_012711_01	SH-07_012711_01A
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/21/2011	4/8/2011	7/20/2011	1/21/2011	1/21/2011	4/8/2011	1/21/2011	4/7/2011	7/20/2011	1/27/2011	1/27/2011
Analyte (mg/L)	**Method**											
Ammonia-N	**350.1**	--	0.057 U	0.069 U	0.063 U	--	0.057 U	0.065 U	0.088 U	0.066 U	0.12 U	--
Bromide	**300**	--	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	56	62	--	--	36	29	--	--	--	--	11
Cyanides	**9012**	--	--	--	--	--	0.0028 U	--	0.0058 U	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	0.7	0.84	1.6 J	--	1.6	2.3	3.3	3.4	3.6	--	0.43 J
Nitrate-NO3	**300**	41	77	30	--	23	26	22	21	17	--	12
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	6.93	6.9	1.45 J	--	7.05	6.87	6.76	6.96	6.85 J	--	7.14
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	1100	1200	--	--	880	730	--	--	--	--	580
Sulfate	**300**	170	190	--	--	170	110	--	--	--	--	35
Sulfide	**4500**	--	--	--	--	--	0.007 U	--	0.007 U	--	--	--
TotalAlkalinity	**2320B**	270	340	--	--	220	210	--	--	--	--	300
TotalDissolvedSolids	**2540C**	690	800	--	--	560	470	--	--	--	--	350
Turbidity(NTU)	**180.1**	1.2	0.2 U	--	--	0.74	0.2 U	--	--	--	--	0.84

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		SH-07	SH-07	SH-09	SH-09	SH-09	SH-11	SH-11	SH-11	WS-04A	WS-04A	WS-04A
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		SH-07_041211_01	SH-07_072011_01B	SH-09_012011_01	SH-09_012011_01A	SH-09_041111_01	SH-11_012011_01	SH-11_040611_01	SH-11_072011_01B	WS-04A_020111_01	WS-04A_042011_01	WS-04A_071811_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/12/2011	7/20/2011	1/20/2011	1/20/2011	4/11/2011	1/20/2011	4/6/2011	7/20/2011	2/1/2011	4/20/2011	7/18/2011
Analyte (mg/L)	**Method**											
Ammonia-N	**350.1**	0.074 U	0.055 U	0.083 U	--	0.1 U	0.12 U	0.063 U	0.13 U	0.11 J	0.079 J	0.16 J
Bromide	**300**	--	--	--	--	--	--	--	--	--	--	--
Chloride	**300**	11	--	--	93	40	--	--	--	--	--	--
Cyanides	**9012**	--	--	--	--	0.002 U	--	0.0036 U	--	--	--	--
Cyanides	**9014**	--	--	--	--	--	--	--	--	--	--	--
Fluoride	**300**	0.48 U	0.29 J	--	1.4	1.3	0.92	0.97	0.9	0.19 J	0.16 J	0.06 U
Nitrate-NO3	**300**	5.6	6.7	--	170	140	2 J	0.26 U	0.19 U	0.19 U	0.19 U	0.19 U
Nitrite-N	**300**	--	--	--	--	--	--	--	--	--	--	--
pH(pHUnits)	**9040B**	7.05	7.52	--	7.22 J	6.93	6.97	6.85	6.86 J	--	6.92 J	--
Phosphate	**300**	--	--	--	--	--	--	--	--	--	--	--
Specificconductivity(umhos/cm)	**2510B**	540	--	--	1600	1100	--	--	--	--	--	--
Sulfate	**300**	28	--	--	280	140	--	--	--	--	--	--
Sulfide	**4500**	--	--	--	--	0.007 U	--	0.007 U	--	--	--	--
TotalAlkalinity	**2320B**	250	--	--	340	300	--	--	--	--	--	--
TotalDissolvedSolids	**2540C**	310	--	--	1100	750	--	--	--	--	--	--
Turbidity(NTU)	**180.1**	0.38	--	--	0.5	0.2 U	--	--	--	--	--	--

TABLE 16
INORGANIC CONSTITUENTS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		WS-09A	WS-09A
SampleType:		Primary	Primary
Sample Name:		WS-09A_060311_01	WS-09A_081111_01
Groundwater Unit:		Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver
Collection Date:		6/3/2011	8/11/2011
Analyte (mg/L)	**Method**		
Ammonia-N	**350.1**	0.1 U	0.1 J
Bromide	**300**	--	--
Chloride	**300**	--	--
Cyanides	**9012**	--	--
Cyanides	**9014**	--	--
Fluoride	**300**	0.2 J	0.25 J
Nitrate-NO3	**300**	0.37 J	0.19 U
Nitrite-N	**300**	--	--
pH(pHUnits)	**9040B**	7.19	7.02
Phosphate	**300**	--	--
Specificconductivity(umhos/cm)	**2510B**	--	--
Sulfate	**300**	--	--
Sulfide	**4500**	--	--
TotalAlkalinity	**2320B**	--	--
TotalDissolvedSolids	**2540C**	--	--
Turbidity(NTU)	**180.1**	--	--

NOTES AND ABBREVIATIONS

Chatsworth - Chatsworth Formation groundwater unit
Shallow - Near-surface groundwater unit

mg/L - milligrams per liter

-- Not available
J - Result is estimated
U - Not detected above the method detection limit (MDL) or reporting limit (RL)
UJ - The result is not detected; however, the RL/MDL is estimated

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	ES-17	ES-17	ES-17	ES-26	ES-26	ES-26	ES-26	ES-26	ES-27	ES-27	ES-27
	SampleType:	Primary	Primary	Primary	Primary	Field Duplicate	Primary	Field Duplicate	Primary	Primary	Primary	Primary
	Sample Name:	ES-17_012711_01	ES-17_042511_01	ES-17_072611_01	ES-26_011811_01	ES-26_011811_36	ES-26_042611_01	ES-26_042611_36	ES-26_072611_01	ES-27_011711_01	ES-27_042511_01	ES-27_072611_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/27/2011	4/25/2011	7/26/2011	1/18/2011	1/18/2011	4/26/2011	4/26/2011	7/26/2011	1/17/2011	4/25/2011	7/26/2011
Analyte (ug/L)	**Method**											
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.24 U	0.24 U	0.25 U	0.24 U	0.24 U	0.24 U	0.24 U	0.25 U	0.24 U	0.24 U	0.25 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-01	HAR-01	HAR-01	HAR-02	HAR-03	HAR-03	HAR-03	HAR-04	HAR-04	HAR-04
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Split
	Sample Name:	HAR-01_020111_01	HAR-01_042011_01	HAR-01_080911_01	HAR-02_042211_01	HAR-03_012511_01	HAR-03_042011_01	HAR-03_080811_01	HAR-04_012511_01	HAR-04_042011_01	HAR-04_042011_03
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine
	Collection Date:	2/1/2011	4/20/2011	8/9/2011	4/22/2011	1/25/2011	4/20/2011	8/8/2011	1/25/2011	4/20/2011	4/20/2011
Analyte (ug/L)	**Method**										
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	0.25 U
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	10 U	0.79 U	0.79 U	0.79 U	--
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--	--	--	0.05 U
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.68 J	--
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	0.25 U
Monomethylhydrazine	**DV-WC-0077**	0.24 U	0.24 U	0.25 U	0.24 U	0.24 U	0.24 U	0.25 U	0.24 U	0.78 J	--

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-04	HAR-04	HAR-05	HAR-05	HAR-05	HAR-07	HAR-07	HAR-07	HAR-07	HAR-08
	SampleType:	Primary	Field Duplicate	Primary	Primary	Primary	Primary	Primary	Field Duplicate	Primary	Primary
	Sample Name:	HAR-04_080511_01	HAR-04_080511_36	HAR-05_012411_01	HAR-05_041311_01	HAR-05_072511_01	HAR-07_012711_01	HAR-07_041211_01	HAR-07_041211_36	HAR-07_080211_01	HAR-08_011711_01
	Groundwater Unit:	Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	8/5/2011	8/5/2011	1/24/2011	4/13/2011	7/25/2011	1/27/2011	4/12/2011	4/12/2011	8/2/2011	1/17/2011
Analyte (ug/L)	**Method**										
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	--	0.67 U	0.67 U	0.67 U	--
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.25 U	0.25 U	0.24 U	0.24 U	0.25 U	--	0.24 U	0.24 U	0.25 U	--

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-08	HAR-08	HAR-09	HAR-09	HAR-09	HAR-11	HAR-11	HAR-11	HAR-12	HAR-12
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	HAR-08_041911_01	HAR-08_080211_01	HAR-09_012611_01	HAR-09_041411_01	HAR-09_080411_01	HAR-11_012011_01	HAR-11_041411_01	HAR-11_072711_01	HAR-12_011811_01	HAR-12_041511_01
	Groundwater Unit:	Chatsworth	Chatsworth	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	4/19/2011	8/2/2011	1/26/2011	4/14/2011	8/4/2011	1/20/2011	4/14/2011	7/27/2011	1/18/2011	4/15/2011
Analyte (ug/L)	**Method**										
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	--	--	--	--	--	--	--	--	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	--	--	--	--	--	--	--	--	0.24 U	0.24 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-12	HAR-13	HAR-13	HAR-14	HAR-14	HAR-14	HAR-15	HAR-15	HAR-15	HAR-16
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	HAR-12_072911_01	HAR-13_011811_01	HAR-13_041911_01	HAR-14_011811_01	HAR-14_041511_01	HAR-14_072911_01	HAR-15_020411_01	HAR-15_041411_01	HAR-15_072011_01	HAR-16_012511_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/29/2011	1/18/2011	4/19/2011	1/18/2011	4/15/2011	7/29/2011	2/4/2011	4/14/2011	7/20/2011	1/25/2011
Analyte (ug/L)	**Method**										
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	5.9 J	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.25 U	0.24 U	0.24 U	0.24 U	0.24 U	0.25 U	0.24 U	0.24 U	0.25 U	0.24 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-16	HAR-16	HAR-16	HAR-16	HAR-19	HAR-19	HAR-19	HAR-19	HAR-19	HAR-20
	SampleType:	Field Duplicate	Primary	Field Duplicate	Primary	Primary	Field Duplicate	Primary	Primary	Field Duplicate	Primary
	Sample Name:	HAR-16_012511_36	HAR-16_042011_01	HAR-16_042011_36	HAR-16_080511_01	HAR-19_012011_01	HAR-19_012011_36	HAR-19_041511_01	HAR-19_071211_01	HAR-19_071211_36	HAR-20_012011_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/25/2011	4/20/2011	4/20/2011	8/5/2011	1/20/2011	1/20/2011	4/15/2011	7/12/2011	7/12/2011	1/20/2011
Analyte (ug/L)	**Method**										
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	1.1 J	0.67 U	0.67 U	0.67 U	--	--	--	--	--	--
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	1.5 J	0.24 U	0.24 U	0.25 U	--	--	--	--	--	--

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-20	HAR-20	HAR-21	HAR-21	HAR-21	HAR-23	HAR-23	HAR-23	HAR-25	HAR-25
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	HAR-20_041411_01	HAR-20_072711_01	HAR-21_012611_01	HAR-21_041311_01	HAR-21_072911_01	HAR-23_012011_01	HAR-23_041911_01	HAR-23_072511_01	HAR-25_011711_01	HAR-25_042211_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	4/14/2011	7/27/2011	1/26/2011	4/13/2011	7/29/2011	1/20/2011	4/19/2011	7/25/2011	1/17/2011	4/22/2011
Analyte (ug/L)	**Method**										
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	--	--	--	--	--	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	--	--	--	--	--	0.24 U	0.24 U	0.25 U	0.24 U	0.24 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-25	HAR-27	HAR-27	HAR-27	HAR-28	HAR-28	HAR-28	HAR-29	HAR-29	HAR-29
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	HAR-25_081011_01	HAR-27_011911_01	HAR-27_041211_01	HAR-27_080211_01	HAR-28_011911_01	HAR-28_041211_01	HAR-28_080211_01	HAR-29_011711_01	HAR-29_041911_01	HAR-29_080211_01
	Groundwater Unit:	Chatsworth	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	8/10/2011	1/19/2011	4/12/2011	8/2/2011	1/19/2011	4/12/2011	8/2/2011	1/17/2011	4/19/2011	8/2/2011
Analyte (ug/L)	**Method**										
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	--	--	--	--	--	--	--	--	--
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.25 U	--	--	--	--	--	--	--	--	--

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-30	HAR-30	HAR-30	HAR-31	HAR-31	HAR-32	HAR-32	HAR-32	HAR-33	HAR-33
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	HAR-30_012811_01	HAR-30_042811_01	HAR-30_072111_01	HAR-31_011911_01	HAR-31_041411_01	HAR-32_011711_01	HAR-32_042711_01	HAR-32_072111_01	HAR-33_011711_01	HAR-33_042511_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/28/2011	4/28/2011	7/21/2011	1/19/2011	4/14/2011	1/17/2011	4/27/2011	7/21/2011	1/17/2011	4/25/2011
Analyte (ug/L)	**Method**										
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.24 U	0.24 U	0.25 U	0.24 U	0.24 U	0.24 U	0.24 U	0.25 U	0.24 U	0.24 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	HAR-33	PZ-035	PZ-035	PZ-060	PZ-060	PZ-060	PZ-129	PZ-139	PZ-139	PZ-139
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Field Duplicate	Primary
	Sample Name:	HAR-33_072511_01	PZ-035_042611_01	PZ-035_072111_01A	PZ-060_012811_01	PZ-060_042711_01	PZ-060_072111_01	PZ-129_012611_01	PZ-139_020311_01	PZ-139_020311_36	PZ-139_042611_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/25/2011	4/26/2011	7/21/2011	1/28/2011	4/27/2011	7/21/2011	1/26/2011	2/3/2011	2/3/2011	4/26/2011
Analyte (ug/L)	**Method**										
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	--	--	--	--
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	0.23 U	0.24 U	0.23 U	0.22 U
Hydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	0.67 U	--	--	--	0.67 U	0.67 U	0.67 U	--
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.5 J	0.24 U	0.25 U	--	--	--	--	--	--	--

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	PZ-139	PZ-139	PZ-140	PZ-140	PZ-140	PZ-140	PZ-140	PZ-140	PZ-141	PZ-141
	SampleType:	Primary	Split	Primary	Primary	Primary	Split	Primary	Field Duplicate	Primary	Split
	Sample Name:	PZ-139_071111_01	PZ-139_071111_03	PZ-140_012411_01	PZ-140_012511_01A	PZ-140_042111_01	PZ-140_042111_03	PZ-140_080911_01A	PZ-140_080911_36A	PZ-141_020311_01	PZ-141_020311_03
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Irvine
	Collection Date:	7/11/2011	7/11/2011	1/24/2011	1/25/2011	4/21/2011	4/21/2011	8/9/2011	8/9/2011	2/3/2011	2/3/2011
Analyte (ug/L)	**Method**										
1,1-Dimethylhydrazine	**8315A**	--	0.5 UJ	--	--	--	0.25 U	--	--	--	0.25 U
1,1-Dimethylhydrazine	**DV-WC-0077**	--	--	--	--	--	--	--	--	--	--
1,2-Diphenylhydrazine	**8270C**	0.24 U	2.5 U	0.22 U	--	0.24 U	2.4 U	0.23 U	0.23 U	0.22 U	2.4 U
Hydrazine	**8315A**	--	0.1 UJ	--	--	--	0.05 U	--	--	--	0.05 U
Hydrazine	**DV-WC-0077**	0.67 U	--	--	0.67 U	--	--	0.67 U	0.67 U	0.67 U	--
Monomethylhydrazine	**8315A**	--	0.5 UJ	--	--	--	0.25 U	--	--	--	0.25 U
Monomethylhydrazine	**DV-WC-0077**	--	--	--	--	--	--	--	--	--	--

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	PZ-141	PZ-141	PZ-144	PZ-144	PZ-144	PZ-144	PZ-146	PZ-146	PZ-147	PZ-147
	SampleType:	Primary	Primary	Primary	Primary	Field Duplicate	Primary	Primary	Primary	Primary	Primary
	Sample Name:	PZ-141_041211_01	PZ-141_080111_01A	PZ-144_020111_01	PZ-144_041311_01	PZ-144_041311_36	PZ-144_080111_01	PZ-146_042911_01	PZ-146_080311_01	PZ-147_042811_01	PZ-147_080911_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	4/12/2011	8/1/2011	2/1/2011	4/13/2011	4/13/2011	8/1/2011	4/29/2011	8/3/2011	4/28/2011	8/9/2011
Analyte (ug/L)	**Method**										
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	--	--	--	--	--	--	--	--	--	--
1,2-Diphenylhydrazine	**8270C**	0.23 U	0.22 U	0.23 U	0.23 U	0.24 U	0.23 U	0.23 U	0.26 U	0.23 U	0.22 U
Hydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	--	0.67 U	0.67 U	--	--	0.67 U	--	0.67 U	--	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	--	--	--	--	--	--	--	--	--	--

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	PZ-148	PZ-149	PZ-149	PZ-152	PZ-154	PZ-154	PZ-154	PZ-155	PZ-155	PZ-157
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	PZ-148_042811_01	PZ-149_041111_01	PZ-149_072811_01A	PZ-152_042911_01	PZ-154_012811_01	PZ-154_042111_01	PZ-154_072711_01A	PZ-155_041211_01	PZ-155_072911_01A	PZ-157_072211_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	4/28/2011	4/11/2011	7/28/2011	4/29/2011	1/28/2011	4/21/2011	7/27/2011	4/12/2011	7/29/2011	7/22/2011
Analyte (ug/L)	**Method**										
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	--	--	--	--	--	--	--	--	--	--
1,2-Diphenylhydrazine	**8270C**	0.22 U	0.23 U	0.24 U	0.23 U	0.24 U	0.23 U	0.24 U	0.23 U	0.23 U	0.22 U
Hydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	--	--	--	--	--	0.67 U	--	0.67 U	--	--
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	--	--	--	--	--	--	--	--	--	--

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	PZ-158	PZ-158	PZ-158	PZ-159	PZ-159	PZ-159	RD-01	RD-01	RD-02	RD-02
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	PZ-158_013111_01	PZ-158_042911_01	PZ-158_072211_01	PZ-159_011911_01	PZ-159_041311_01	PZ-159_072211_01	RD-01_042111_01	RD-01_071511_01	RD-02_042511_01	RD-02_071511_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/31/2011	4/29/2011	7/22/2011	1/19/2011	4/13/2011	7/22/2011	4/21/2011	7/15/2011	4/25/2011	7/15/2011
Analyte (ug/L)	**Method**										
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	--	--	--	--	--	--	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	0.22 U	0.23 U	0.23 U	0.22 U	0.23 U	0.22 U	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	--	0.67 U	--	--	0.67 U	--	0.67 U	0.67 U	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	--	--	--	--	--	--	0.24 U	0.25 U	0.24 U	0.86 J

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-03	RD-03	RD-03	RD-05A	RD-05A	RD-05A	RD-05B	RD-05B	RD-05B	RD-05C
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-03_020111_01	RD-03_042511_01	RD-03_080511_01	RD-05A_011211_01	RD-05A_041811_01	RD-05A_071911_01	RD-05B_011211_01	RD-05B_041811_01	RD-05B_071911_01	RD-05C_011311_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/1/2011	4/25/2011	8/5/2011	1/12/2011	4/18/2011	7/19/2011	1/12/2011	4/18/2011	7/19/2011	1/13/2011
Analyte (ug/L)	**Method**										
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	0.67 U	--	--	--	--	--	--	--
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.24 U	0.24 U	0.25 U	--	--	--	--	--	--	--

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-05C	RD-05C	RD-06	RD-06	RD-06	RD-104	RD-104	RD-36A	RD-36B	RD-36B
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-05C_041811_01	RD-05C_071911_01	RD-06_011311_01	RD-06_041811_01	RD-06_071911_01	RD-104_042911_01	RD-104_072711_01	RD-36A_040711_01	RD-36B_011711_01	RD-36B_040711_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	4/18/2011	7/19/2011	1/13/2011	4/18/2011	7/19/2011	4/29/2011	7/27/2011	4/7/2011	1/17/2011	4/7/2011
Analyte (ug/L)	**Method**										
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	1.5 J	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	--	--	0.67 U	0.67 U	0.67 U	--	--	0.67 U	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	--	--	0.24 U	0.24 U	0.25 U	--	--	0.24 U	0.24 U	0.24 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-36B	RD-36C	RD-36C	RD-36C	RD-36D	RD-36D	RD-36D	RD-37	RD-37	RD-37
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Field Duplicate	Primary
	Sample Name:	RD-36B_080411_01	RD-36C_011711_01	RD-36C_040711_01	RD-36C_080411_01	RD-36D_011711_01	RD-36D_040711_01	RD-36D_080411_01	RD-37_011911_01	RD-37_011911_36	RD-37_040811_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	8/4/2011	1/17/2011	4/7/2011	8/4/2011	1/17/2011	4/7/2011	8/4/2011	1/19/2011	1/19/2011	4/8/2011
Analyte (ug/L)	**Method**										
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.25 U	0.24 U	0.24 U	0.25 U	0.24 U	0.24 U	0.25 U	0.24 U	0.24 U	0.24 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-37	RD-38B	RD-38B	RD-38B	RD-38B	RD-38B	RD-39A	RD-39B	RD-39B	RD-39B
	SampleType:	Primary	Primary	Field Duplicate	Primary	Primary	Field Duplicate	Primary	Primary	Primary	Field Duplicate
	Sample Name:	RD-37_080311_01	RD-38B_020211_01	RD-38B_020211_36	RD-38B_042211_01	RD-38B_072811_01	RD-38B_072811_36	RD-39A_011911_01	RD-39B_011911_01	RD-39B_040811_01	RD-39B_040811_36
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	8/3/2011	2/2/2011	2/2/2011	4/22/2011	7/28/2011	7/28/2011	1/19/2011	1/19/2011	4/8/2011	4/8/2011
Analyte (ug/L)	**Method**										
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	5 U	0.67 U	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.25 U	0.24 U	0.24 U	0.24 U	0.25 U	0.25 U	0.24 U	0.24 U	0.24 U	0.24 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-39B	RD-41A	RD-41A	RD-43A	RD-43A	RD-43A	RD-43B	RD-43B	RD-43B	RD-43C
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-39B_080311_01	RD-41A_013111_01	RD-41A_041111_01	RD-43A_020211_01	RD-43A_042211_01	RD-43A_080511_01	RD-43B_020111_01	RD-43B_042211_01	RD-43B_080411_01	RD-43C_020211_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	8/3/2011	1/31/2011	4/11/2011	2/2/2011	4/22/2011	8/5/2011	2/1/2011	4/22/2011	8/4/2011	2/2/2011
Analyte (ug/L)	**Method**										
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	--	--	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.25 U	--	--	0.24 U	0.24 U	0.25 U	0.24 U	0.24 U	0.25 U	0.24 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-43C	RD-43C	RD-43C	RD-44	RD-45A	RD-45A	RD-45A	RD-45B	RD-45B	RD-45B
	SampleType:	Primary	Primary	Field Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-43C_042211_01	RD-43C_080411_01	RD-43C_080411_36	RD-44_080811_01	RD-45A_020711_01	RD-45A_042511_01	RD-45A_081011_01	RD-45B_013111_01	RD-45B_042211_01	RD-45B_081011_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	4/22/2011	8/4/2011	8/4/2011	8/8/2011	2/7/2011	4/25/2011	8/10/2011	1/31/2011	4/22/2011	8/10/2011
Analyte (ug/L)	**Method**										
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.24 U	0.25 U	0.25 U	0.25 U	0.24 U	0.24 U	0.25 U	0.24 U	0.24 U	0.25 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-45C	RD-45C	RD-45C	RD-46A	RD-46A	RD-46A	RD-46B	RD-46B	RD-46B	RD-48A
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-45C_013111_01	RD-45C_042211_01	RD-45C_081011_01	RD-46A_012511_01	RD-46A_042111_01	RD-46A_080811_01	RD-46B_012511_01	RD-46B_042111_01	RD-46B_080811_01	RD-48A_011811_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/31/2011	4/22/2011	8/10/2011	1/25/2011	4/21/2011	8/8/2011	1/25/2011	4/21/2011	8/8/2011	1/18/2011
Analyte (ug/L)	**Method**										
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	5 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.24 U	0.24 U	0.25 U	0.24 U	0.24 U	0.25 U	0.24 U	0.24 U	0.25 U	0.24 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-48A	RD-48A	RD-48B	RD-48B	RD-48B	RD-48C	RD-48C	RD-48C	RD-49A	RD-49A
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-48A_040611_01	RD-48A_080111_01	RD-48B_011811_01	RD-48B_040611_01	RD-48B_080111_01	RD-48C_020111_01	RD-48C_042211_01	RD-48C_080111_01	RD-49A_012811_01	RD-49A_041511_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	4/6/2011	8/1/2011	1/18/2011	4/6/2011	8/1/2011	2/1/2011	4/22/2011	8/1/2011	1/28/2011	4/15/2011
Analyte (ug/L)	**Method**										
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	7.7 J	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.93 J	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	--	--
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.24 U	0.25 U	0.24 U	0.24 U	0.25 U	0.24 U	0.24 U	0.25 U	--	--

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-49B	RD-49B	RD-49B	RD-49C	RD-49C	RD-49C	RD-51A	RD-51A	RD-51A	RD-51B
	SampleType:	Primary	Primary	Field Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-49B_012111_01	RD-49B_041511_01	RD-49B_041511_36	RD-49C_012111_01	RD-49C_041511_01	RD-49C_080511_01	RD-51A_011811_01	RD-51A_040811_01	RD-51A_080311_01	RD-51B_012611_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/21/2011	4/15/2011	4/15/2011	1/21/2011	4/15/2011	8/5/2011	1/18/2011	4/8/2011	8/3/2011	1/26/2011
Analyte (ug/L)	**Method**										
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	--	--	--	--	--	--	0.67 U	0.67 U	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	--	--	--	--	--	--	0.24 U	0.24 U	0.25 U	0.24 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-51B	RD-51B	RD-51C	RD-51C	RD-51C	RD-52A	RD-52A	RD-52A	RD-52B	RD-52B
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-51B_041311_01	RD-51B_080311_01	RD-51C_012611_01	RD-51C_041311_01	RD-51C_080311_01	RD-52A_020211_01	RD-52A_042011_01	RD-52A_071811_01	RD-52B_013111_01	RD-52B_042011_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	4/13/2011	8/3/2011	1/26/2011	4/13/2011	8/3/2011	2/2/2011	4/20/2011	7/18/2011	1/31/2011	4/20/2011
Analyte (ug/L)	**Method**										
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.24 U	0.25 U	0.24 U	0.24 U	0.25 U	0.24 U	0.24 U	0.25 U	0.24 U	0.24 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-52B	RD-52C	RD-52C	RD-52C	RD-53	RD-53	RD-55A	RD-55A	RD-55A	RD-55B
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-52B_071511_01	RD-52C_013111_01	RD-52C_042011_01	RD-52C_071311_01	RD-53_042511_01	RD-53_071811_01	RD-55A_011411_01	RD-55A_042611_01	RD-55A_072611_01	RD-55B_011411_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/15/2011	1/31/2011	4/20/2011	7/13/2011	4/25/2011	7/18/2011	1/14/2011	4/26/2011	7/26/2011	1/14/2011
Analyte (ug/L)	**Method**										
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	5 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.25 U	0.24 U	0.24 U	0.25 U	0.24 U	0.25 U	0.24 U	0.24 U	0.25 U	0.24 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-55B	RD-55B	RD-58A	RD-58A	RD-58A	RD-58A	RD-58A	RD-58B	RD-58B	RD-58B
	SampleType:	Primary	Primary	Primary	Split	Primary	Primary	Field Duplicate	Primary	Primary	Primary
	Sample Name:	RD-55B_042611_01	RD-55B_072911_01	RD-58A_011411_01	RD-58A_011411_03	RD-58A_040611_01	RD-58A_072511_01	RD-58A_072511_36	RD-58B_011411_01	RD-58B_040611_01	RD-58B_072511_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	4/26/2011	7/29/2011	1/14/2011	1/14/2011	4/6/2011	7/25/2011	7/25/2011	1/14/2011	4/6/2011	7/25/2011
Analyte (ug/L)	**Method**										
1,1-Dimethylhydrazine	**8315A**	--	--	--	0.25 U	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	--	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	0.05 U	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	0.67 U	--	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	0.25 U	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.24 U	0.25 U	0.24 U	--	0.24 U	0.25 U	0.25 U	0.24 U	0.24 U	0.25 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-58C	RD-58C	RD-58C	RD-58C	RD-68A	RD-68A	RD-68A	RD-68B	RD-68B	RD-68B
	SampleType:	Primary	Field Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-58C_011411_01	RD-58C_011411_36	RD-58C_040611_01	RD-58C_072511_01	RD-68A_011211_01	RD-68A_041811_01	RD-68A_071111_01	RD-68B_011211_01	RD-68B_041811_01	RD-68B_071111_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/14/2011	1/14/2011	4/6/2011	7/25/2011	1/12/2011	4/18/2011	7/11/2011	1/12/2011	4/18/2011	7/11/2011
Analyte (ug/L)	**Method**										
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	0.67 U	0.67 U	--	--	--	--	--	--
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.24 U	0.24 U	0.24 U	0.29 J	--	--	--	--	--	--

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RD-77	RD-77	RS-07	RS-07	RS-08	RS-08	RS-08	RS-13	RS-29	RS-33	RS-33
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-77_020211_01	RD-77_042211_01	RS-07_020111_01	RS-07_042111_01	RS-08_012611_01	RS-08_041311_01	RS-08_072911_01	RS-13_042811_01	RS-29_041311_01	RS-33_011411_01	RS-33_040711_01
	Groundwater Unit:	Chatsworth	Chatsworth	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	2/2/2011	4/22/2011	2/1/2011	4/21/2011	1/26/2011	4/13/2011	7/29/2011	4/28/2011	4/13/2011	1/14/2011	4/7/2011
Analyte (ug/L)	**Method**											
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	--	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--	0.22 U	0.23 U	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	0.67 U	0.67 U	--	--	--	1.8 J	--	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.24 U	0.24 U	0.24 U	0.24 U	--	--	--	0.24 U	--	0.24 U	0.24 U

TABLE 17
HYDRAZINES ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	RS-33	RS-34	RS-34	RS-34	WS-04A	WS-04A	WS-04A	WS-09A	WS-09A
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RS-33_072611_01	RS-34_012811_01	RS-34_042711_01	RS-34_072111_01	WS-04A_020111_01	WS-04A_042011_01	WS-04A_071811_01	WS-09A_060311_01	WS-09A_081111_01
	Groundwater Unit:	Shallow	Shallow	Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/26/2011	1/28/2011	4/27/2011	7/21/2011	2/1/2011	4/20/2011	7/18/2011	6/3/2011	8/11/2011
Analyte (ug/L)	**Method**									
1,1-Dimethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--
1,1-Dimethylhydrazine	**DV-WC-0077**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Diphenylhydrazine	**8270C**	--	--	--	--	--	--	--	--	--
Hydrazine	**8315A**	--	--	--	--	--	--	--	--	--
Hydrazine	**DV-WC-0077**	0.67 U	0.67 U	0.67 U	0.67 U	--	--	--	0.67 U	0.67 U
Monomethylhydrazine	**8315A**	--	--	--	--	--	--	--	--	--
Monomethylhydrazine	**DV-WC-0077**	0.25 U	0.24 U	0.24 U	0.25 U	--	--	--	0.24 U	0.25 U

NOTES AND ABBREVIATIONS

Chatsworth - Chatsworth Formation groundwater unit
Shallow - Near-surface groundwater unit

µg/L - micrograms per liter

-- Not available
J - Result is estimated
U - Not detected above the method detection limit (MDL) or reporting limit (RL)
UJ - The result is not detected; however, the RL/MDL is estimated

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		**PZ-124**	**PZ-124**	**PZ-124**	**RD-07 (Port 3)**	**RD-07 (Port 3)**	**RD-07 (Port 3)**	**RD-13**	**RD-13**	**RD-13**
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-124_071411_01A	PZ-124_071411_01A	PZ-124_071411_01A	RD-07_072111_01	RD-07_072111_01	RD-07_072111_01	RD-13_011311_01	RD-13_011311_01	RD-13_011311_01
Groundwater Unit:		Shallow	Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/14/2011	7/14/2011	7/14/2011	7/21/2011	7/21/2011	7/21/2011	1/13/2011	1/13/2011	1/13/2011
Analyte (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	1.9 U	5.322	9.52	1.39 U	5.6	9.84	3.51 U	4	6.71
Antimony-125, Particulate	**901.1**	0.09 U	0.873	1.63	-0.98 U	1.261	2.16	-5.94 U	7.9	13.8
Barium-133, Dissolved	**901.1**	0.75 U	2.004	3.65	0.89 U	2.475	4.39	0.532 U	0.56	1.57
Barium-133, Particulate	**901.1**	-0.31 U	0.411	0.71	0.45 U	0.659	1.07	0.711 U	3.3	5.6
Cesium-134, Dissolved	**901.1**	-1.17 U	1.915	3.36	0.27 U	1.66	3.23	0.406 U	1.5	2.58
Cesium-134, Particulate	**901.1**	-0.15 U	0.424	0.74	-0.2 U	0.559	0.97	0.814 U	3.7	6.45
Cesium-137, Dissolved	**901.1**	-2.44 U	2.4	3.77	-0.25 U	2.314	4.17	0.282 U	1.4	2.4
Cesium-137, Particulate	**901.1**	-0.3 U	0.441	0.7	-0.28 U	0.643	1.07	-2.75 U	4.1	7.22
Cobalt-60, Dissolved	**901.1**	-1.2 U	2.358	4.26	-0.96 U	2.322	4.09	0.139 U	0.99	1.77
Cobalt-60, Particulate	**901.1**	0.15 U	0.431	0.87	-0.28 U	0.798	1.43	-1.06 U	2.4	4.49
Europium-152, Dissolved	**901.1**	-2.13 U	15.51	25.97	9.9 U	15.27	33.03	-1.92 U	5	8.65
Europium-152, Particulate	**901.1**	1.31 U	2.539	5.48	-2.91 U	4.059	6.36	-8.77 U	11	18.5
Europium-154, Dissolved	**901.1**	-0.19 U	6.543	12.25	2.54 U	6.499	13.28	-0.452 U	2.8	5.13
Europium-154, Particulate	**901.1**	-0.34 U	1.242	2.22	-0.22 U	1.667	3	-1.38 U	5.7	10.6
Europium-155, Dissolved	**901.1**	-1.29 U	3.413	5.69	0.18 U	3.295	5.81	1.24 U	4.3	7.33
Europium-155, Particulate	**901.1**	-0.24 U	0.571	0.92	0.49 U	0.677	1.2	1.56 U	7.4	12.6
Gross Alpha, Dissolved	**900.0**	37.04 J	10.556	8.03	16.97 J	3.806	4.48	3.33	1.3	1.38
Gross alpha, Particulate	**900.0**	0.13 UJ	0.478	1.11	-0.13 UJ	0.478	1.25	-0.426 U	0.38	0.86
Gross Beta, Dissolved	**900.0**	27.44	7.41	12.22	6.75	2.121	3.74	4.11	1.5	2.21
Gross beta, Particulate	**900.0**	2.56 U	1.369	2.63	0.38 U	1.343	2.83	-0.616 U	1.4	2.34
Manganese-54, Dissolved	**901.1**	-0.3 U	2.017	3.76	0.48 U	2.14	4.16	-0.583 U	1.2	2.07
Manganese-54, Particulate	**901.1**	-0.1 U	0.386	0.69	0.1 U	0.625	1.11	-0.595 U	2.9	5.04
Potassium-40, Dissolved	**901.1**	26.6 U	29.83	21.71	18.19 U	26.79	57.63	-9.48 U	20	35.7
Potassium-40, Particulate	**901.1**	-0.33 U	5.761	11.35	7.07 U	8.418	7.85	17.6 U	38	64.7
Sodium-22, Dissolved	**901.1**	-0.09 U	2.347	4.39	0.87 U	2.325	4.74	-0.153 U	0.94	1.74
Sodium-22, Particulate	**901.1**	-0.13 U	0.444	0.79	-0.06 U	0.602	1.09	-0.467 U	1.9	3.59
Strontium-90, Dissolved	**905.0**	0.64 U	0.676	1.37	0.03 U	0.578	1.23	0.142 U	0.37	0.687
Strontium-90, Particulate	**905.0**	0.47 U	0.59	1.21	0.26 U	0.574	1.2	-0.272 U	0.34	0.731
Tritium	**906.0**	176.55 U	137.692	229.24	177.45 U	138.393	230.41	53.6 U	170	291
Uranium-233/234, Dissolved	**908.0**	28.37	5.174	0.24	13.58	2.384	0.13	2.47	0.31	0.108
Uranium-233/234, Particulate	**908.0**	0.19 J	0.139	0.11	0.04 U	0.069	0.11	-0.009 U	0.034	0.094
Uranium-235, Dissolved	**908.0**	1.93	0.698	0.23	0.67	0.322	0.09	0.068 U	0.058	0.074
Uranium-235, Particulate	**908.0**	0.03 UJ	0.059	0.08	0 U	0.006	0.08	0.01 U	0.021	0.079
Uranium-238, Dissolved	**908.0**	25.2	4.645	0.22	11.31	2.037	0.15	1.62	0.24	0.077
Uranium-238, Particulate	**908.0**	0.02 UJ	0.07	0.18	0.06 U	0.084	0.13	-0.017 U	0.017	0.082
Sum of dissolved isotopic uranium activity	**Calculated**	55.5	--	--	25.56	--	--	4.09	--	--
Sum of particulate isotopic uranium activity	**Calculated**	0.19	--	--	ND	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	< 0	--	--	< 0	--	--	< 0	--	--
Adjusted particulate gross alpha	**Calculated**	NA	--	--	NA	--	--	NA	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		**RD-13**	**RD-13**	**RD-13**	**RD-14**	**RD-14**	**RD-14**	**RD-14**	**RD-14**	**RD-14**
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-13_071311_01	RD-13_071311_01	RD-13_071311_01	RD-14_011311_01	RD-14_011311_01	RD-14_011311_01	RD-14_071411_01	RD-14_071411_01	RD-14_071411_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/13/2011	7/13/2011	7/13/2011	1/13/2011	1/13/2011	1/13/2011	7/14/2011	7/14/2011	7/14/2011
Analyte (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	-0.15 U	9.901	16.22	3.44 U	7.6	13	0.27 U	9.464	14.71
Antimony-125, Particulate	**901.1**	0.04 U	1.078	1.8	0.997 U	5.2	8.94	-0.22 U	0.866	1.56
Barium-133, Dissolved	**901.1**	-0.7 U	3.998	6.78	0.893 U	3.3	5.72	-2.97 U	4.196	6.72
Barium-133, Particulate	**901.1**	-0.3 U	0.46	0.8	1.85 U	4.4	3	-0.2 U	0.433	0.77
Cesium-134, Dissolved	**901.1**	0.46 U	3.54	6.24	-1.64 U	3	5.46	-1.23 U	3.462	5.76
Cesium-134, Particulate	**901.1**	0.22 U	0.454	0.85	3.38 U	5	8.44	-0.6 U	0.411	0.61
Cesium-137, Dissolved	**901.1**	-2.12 U	4.137	6.74	-0.661 U	2	3.64	-0.88 U	4.345	7.36
Cesium-137, Particulate	**901.1**	-0.02 U	0.494	0.83	0.748 U	2.6	4.39	0 U	0.439	0.77
Cobalt-60, Dissolved	**901.1**	1.23 U	4.089	8.24	0.558 U	2.3	4.14	1.04 U	3.492	7.23
Cobalt-60, Particulate	**901.1**	0.07 U	0.547	1.04	-0.577 U	3.2	5.56	-0.16 U	0.515	0.92
Europium-152, Dissolved	**901.1**	22.68 U	21.17	51.02	-2.07 U	9.1	15.8	-0.99 U	31.72	60.7
Europium-152, Particulate	**901.1**	-0.63 U	3.797	6.85	2.44 U	16	5.57	-1.33 U	3.3	5.68
Europium-154, Dissolved	**901.1**	-1.22 U	13.13	24.75	-2.69 U	7.6	14.1	-7.71 U	12.35	21.33
Europium-154, Particulate	**901.1**	-0.45 U	1.182	2.09	-0.259 U	6.3	11.2	0.36 U	1.48	2.82
Europium-155, Dissolved	**901.1**	-5.89 U	5.163	8.25	3.43 U	8.2	14	-13.3 U	5.241	7.42
Europium-155, Particulate	**901.1**	-0.96 U	0.666	0.98	-0.905 U	6.2	10.6	-0.48 U	0.605	0.88
Gross Alpha, Dissolved	**900.0**	3.21 U	1.99	3.37	4.34	1.6	1.68	1.01 UJ	1.572	3.28
Gross alpha, Particulate	**900.0**	0.13 U	0.179	0.36	0.239 U	0.56	0.924	-0.73 UJ	0.597	1.71
Gross Beta, Dissolved	**900.0**	7.9	2.385	4.22	4	1.6	2.46	6.84	1.96	3.5
Gross beta, Particulate	**900.0**	-0.04 U	0.693	1.49	0.053 U	1.4	2.32	0.04 U	1.338	2.86
Manganese-54, Dissolved	**901.1**	-1.46 U	3.594	6.48	0.368 U	2.1	3.74	1.59 U	4.113	8.04
Manganese-54, Particulate	**901.1**	-0.06 U	0.437	0.79	-2.62 U	3.2	5.58	-0.09 U	0.424	0.76
Potassium-40, Dissolved	**901.1**	7.15 U	45.99	90.25	23.3 U	33	55.9	10.56 U	45.09	89.8
Potassium-40, Particulate	**901.1**	-3.46 U	7.14	12.13	-9.42 U	34	59.7	0.65 U	6.158	12.21
Sodium-22, Dissolved	**901.1**	-0.29 U	4.747	8.98	-0.912 U	2.6	4.77	-2.73 U	4.447	7.69
Sodium-22, Particulate	**901.1**	-0.16 U	0.425	0.75	-0.088 U	2.1	3.78	0.11 U	0.529	1.01
Strontium-90, Dissolved	**905.0**	-0.02 U	0.567	1.22	-0.128 U	0.3	0.613	-0.59 U	0.553	1.25
Strontium-90, Particulate	**905.0**	0.06 U	0.542	1.16	-0.037 U	0.34	0.679	0.81 U	0.529	1.03
Tritium	**906.0**	176.1 U	137.342	228.66	-154 U	160	296	175.95 U	137.228	228.47
Uranium-233/234, Dissolved	**908.0**	2.51	0.623	0.14	2.58	0.31	0.116	1.39	0.442	0.2
Uranium-233/234, Particulate	**908.0**	0.09 U	0.114	0.17	0.033 U	0.033	0.063	0.15 UJ	0.132	0.16
Uranium-235, Dissolved	**908.0**	0.22 J	0.169	0.08	0.068 U	0.058	0.074	0.11 U	0.135	0.21
Uranium-235, Particulate	**908.0**	0.03 U	0.081	0.18	0.02 U	0.02	0.077	0.02 UJ	0.062	0.16
Uranium-238, Dissolved	**908.0**	1.99	0.535	0.15	2.36	0.29	0.089	1.07	0.377	0.18
Uranium-238, Particulate	**908.0**	-0.01 U	0.016	0.17	0.033 U	0.033	0.063	-0.02 UJ	0.017	0.16
Sum of dissolved isotopic uranium activity	**Calculated**	4.72	--	--	4.94	--	--	2.46	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	ND	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	NA	--	--	< 0	--	--	NA	--	--
Adjusted particulate gross alpha	**Calculated**	NA	--	--	NA	--	--	NA	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-18	RD-18	RD-18	RD-18	RD-18	RD-18	RD-19	RD-19	RD-19
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-18_011311_01	RD-18_011311_01	RD-18_011311_01	RD-18_071811_01	RD-18_071811_01	RD-18_071811_01	RD-19_011311_01	RD-19_011311_01	RD-19_011311_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/13/2011	1/13/2011	1/13/2011	7/18/2011	7/18/2011	7/18/2011	1/13/2011	1/13/2011	1/13/2011
Analyte (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	-0.07 U	3.2	5.55	2.15 U	8.737	15.53	2.49 U	4.7	8.01
Antimony-125, Particulate	**901.1**	-0.988 U	4	7.1	-0.66 U	1.16	2.03	-0.265 U	4.1	7.1
Barium-133, Dissolved	**901.1**	0.056 U	0.46	1.81	-0.86 U	4.089	6.9	-3.04 U	4.3	7.43
Barium-133, Particulate	**901.1**	0.427 U	0.84	2.37	-0.92 U	0.658	0.93	0.104 U	0.2	1.38
Cesium-134, Dissolved	**901.1**	-0.139 U	1.6	2.72	2.56 U	3.643	6.66	0.009 U	1.9	3.5
Cesium-134, Particulate	**901.1**	-1.13 U	3	5.3	-0.5 U	0.539	0.88	-1.47 U	2.1	3.71
Cesium-137, Dissolved	**901.1**	-0.235 U	1.1	2.02	-0.75 U	4.037	6.34	0.268 U	2.1	3.63
Cesium-137, Particulate	**901.1**	-0.925 U	2.1	3.74	1.07 J	0.945	0.82	1.17 U	2.8	4.73
Cobalt-60, Dissolved	**901.1**	-0.198 U	1.1	2.02	1.18 U	4.571	9	-0.446 U	3.5	6.22
Cobalt-60, Particulate	**901.1**	0.59 U	2.7	4.62	1.01 U	0.992	1.54	0.274 U	1.6	2.82
Europium-152, Dissolved	**901.1**	-0.602 U	3.5	6.05	-23.2 U	28.51	46.84	2.78 U	10	17
Europium-152, Particulate	**901.1**	0.277 U	2.3	6.83	-0.51 U	3.996	7.2	2.6 U	3.1	4.42
Europium-154, Dissolved	**901.1**	-0.373 U	2.9	5.28	9.46 U	8.087	19.98	0.266 U	5	9.17
Europium-154, Particulate	**901.1**	-4.72 U	6.4	11.8	0.77 U	1.67	3.29	3.04 U	3.3	5.56
Europium-155, Dissolved	**901.1**	-2.12 U	4.3	7.45	-0.13 U	5.043	8.59	-2.42 U	9.5	16.3
Europium-155, Particulate	**901.1**	-1.23 U	4.6	7.92	1.04 U	0.703	1.2	0.856 U	6.2	10.5
Gross Alpha, Dissolved	**900.0**	4.02	1.3	1.23	8.45	2.135	1.46	16	3.7	4.1
Gross alpha, Particulate	**900.0**	1.16 J	0.48	0.534	-0.25 U	0.492	1.32	0.161 U	1	1.81
Gross Beta, Dissolved	**900.0**	5.32	1.7	2.51	4.19 J	1.783	3.3	13.5	3	4.23
Gross beta, Particulate	**900.0**	0.119 U	0.9	1.47	0.42 U	1.307	2.75	0.616 U	2.7	4.48
Manganese-54, Dissolved	**901.1**	1.17 U	1.7	2.83	2.57 U	4.005	8.06	-0.561 U	2	3.56
Manganese-54, Particulate	**901.1**	0.319 U	3.1	5.28	-0.21 U	0.681	1.14	-0.878 U	2.3	3.99
Potassium-40, Dissolved	**901.1**	-1.99 U	17	30.5	-14.49 U	45.79	85.65	25.1 U	41	70.1
Potassium-40, Particulate	**901.1**	3.81 U	29	50.9	1.27 U	7.74	15.86	-11.9 U	34	59.3
Sodium-22, Dissolved	**901.1**	-0.126 U	0.98	1.79	3.33 U	2.887	7.13	0.09 U	1.7	3.1
Sodium-22, Particulate	**901.1**	-1.6 U	2.1	3.98	0.28 U	0.602	1.19	1.03 U	1.1	1.88
Strontium-90, Dissolved	**905.0**	0.027 U	0.39	0.758	0.33 U	0.549	1.14	-0.128 U	0.32	0.641
Strontium-90, Particulate	**905.0**	-0.07 U	0.38	0.746	0.56 U	0.542	1.1	0.169 U	0.35	0.665
Tritium	**906.0**	-45 U	170	293	0 U	145.778	248.9	-68.6 U	170	298
Uranium-233/234, Dissolved	**908.0**	2.9	0.33	0.105	3.38 J	0.717	0.14	13.1	0.88	0.155
Uranium-233/234, Particulate	**908.0**	0.062 U	0.046	0.074	0.09 U	0.1	0.11	0.018 U	0.053	0.098
Uranium-235, Dissolved	**908.0**	0.143 J	0.076	0.073	0.26 J	0.172	0.14	0.735 J	0.18	0.075
Uranium-235, Particulate	**908.0**	0.037 U	0.037	0.071	0 U	0.065	0.21	-0.011 U	0.021	0.082
Uranium-238, Dissolved	**908.0**	2.32	0.29	0.097	2.32 J	0.552	0.13	11.9	0.83	0.137
Uranium-238, Particulate	**908.0**	0.054 U	0.046	0.074	0.01 U	0.051	0.15	-0.009 U	0.018	0.085
Sum of dissolved isotopic uranium activity	**Calculated**	5.363	--	--	5.96	--	--	25.735	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	ND	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	< 0	--	--	2.49	--	--	< 0	--	--
Adjusted particulate gross alpha	**Calculated**	1.16	--	--	NA	--	--	NA	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-19	RD-19	RD-19	RD-19	RD-19	RD-19	RD-20	RD-20	RD-20
SampleType:		Primary	Primary	Primary	Split	Split	Split	Primary	Primary	Primary
Sample Name:		RD-19_071811_01	RD-19_071811_01	RD-19_071811_01	RD-19_071811_03A	RD-19_071811_03A	RD-19_071811_03A	RD-20_071311_01	RD-20_071311_01	RD-20_071311_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Irvine	TA- Irvine	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/18/2011	7/18/2011	7/18/2011	7/18/2011	7/18/2011	7/18/2011	7/13/2011	7/13/2011	7/13/2011
Analyte (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	2.02 U	4.535	8.64	0.252 U	1.7	2.95	7.46 U	4.402	9.12
Antimony-125, Particulate	**901.1**	0.79 U	1.062	2.05	-0.314 U	2.3	3.87	0.26 U	1.165	2.18
Barium-133, Dissolved	**901.1**	-1.27 U	2.328	3.63	0.306 U	0.52	1.68	1.66 U	2.017	3.92
Barium-133, Particulate	**901.1**	-0.27 U	0.436	0.76	0.243 U	0.64	2.07	0.31 U	0.58	0.94
Cesium-134, Dissolved	**901.1**	-2.67 U	1.881	2.93	-0.937 U	1.3	2.38	0.71 U	1.911	3.28
Cesium-134, Particulate	**901.1**	-0.17 U	0.423	0.74	-0.007 U	1.2	1.84	-1.23 U	0.606	0.85
Cesium-137, Dissolved	**901.1**	1.84 U	2.129	4.05	-0.763 U	1.1	1.57	0.37 U	1.992	3.55
Cesium-137, Particulate	**901.1**	-0.48 U	0.498	0.77	0.554 U	0.94	2.1	-0.45 U	0.643	1.1
Cobalt-60, Dissolved	**901.1**	1.15 U	2.07	4.1	-0.039 U	1.3	2.3	-1.15 U	1.919	3.27
Cobalt-60, Particulate	**901.1**	-0.1 U	0.542	0.97	-0.126 U	1.4	2.51	-0.41 U	0.679	1.3
Europium-152, Dissolved	**901.1**	-1.62 U	13.06	23.85	0.604 U	1.2	4.27	2.55 U	13.84	26.48
Europium-152, Particulate	**901.1**	-0.03 U	3.196	6.07	1.1 U	2.7	4.63	-0.91 U	4.575	8.02
Europium-154, Dissolved	**901.1**	-0.76 U	6.234	10.69	-0.731 U	3	4.41	-0.85 U	3.966	7.37
Europium-154, Particulate	**901.1**	0 U	0	2.59	-0.338 U	3.4	5.23	1.34 U	1.507	3.07
Europium-155, Dissolved	**901.1**	0.56 U	3.874	6.09	-0.397 U	1.9	3.08	-1.06 U	3.998	6.08
Europium-155, Particulate	**901.1**	-0.16 U	0.582	0.97	-0.254 U	7.1	12.1	0.4 U	0.667	1.17
Gross Alpha, Dissolved	**900.0**	27.41 J	5.926	3.52	17.4 J	3.7	3.7	6.91 J	4.149	6.22
Gross alpha, Particulate	**900.0**	-0.06 U	0.329	0.91	-0.017 U	0.15	0.288	0.03 U	0.253	0.6
Gross Beta, Dissolved	**900.0**	13.51	3.232	5.16	11.6	2.7	3.78	5.01 U	4.945	10.01
Gross beta, Particulate	**900.0**	0.87 U	1.199	2.47	-0.028 U	0.47	0.786	-0.15 U	0.744	1.6
Manganese-54, Dissolved	**901.1**	0.48 U	1.992	3.74	0.012 U	0.86	1.55	-1.03 U	1.816	3.1
Manganese-54, Particulate	**901.1**	-0.02 U	0.465	0.77	-0.601 U	1	1.91	-0.31 U	0.505	0.84
Potassium-40, Dissolved	**901.1**	2.9 U	21	43.58	-14 U	22	21.3	11.55 U	24.03	49.72
Potassium-40, Particulate	**901.1**	7.65 U	8.149	9.28	11.2 U	14	24.1	0.25 U	7.321	14.66
Sodium-22, Dissolved	**901.1**	-0.26 U	2.245	3.85	-0.248 U	1	1.5	-0.3 U	1.425	2.65
Sodium-22, Particulate	**901.1**	0 U	0	0.93	-0.114 U	1.1	1.77	0.48 U	0.541	1.1
Strontium-90, Dissolved	**905.0**	0.51 U	0.526	1.07	-0.155 U	0.18	0.392	0.59 U	0.586	1.19
Strontium-90, Particulate	**905.0**	-0.03 U	0.607	1.3	-0.132 U	0.22	0.457	1.03 U	0.582	1.13
Tritium	**906.0**	-173.98 U	142.65	249.29	-51 U	93	161	175.43 U	136.822	227.79
Uranium-233/234, Dissolved	**908.0**	14.16 J	2.662	0.3	14.8	0.63	0.086	5.46	1.223	0.21
Uranium-233/234, Particulate	**908.0**	0.11 U	0.109	0.13	0.008 U	0.025	0.051	-0.04 U	0.042	0.4
Uranium-235, Dissolved	**908.0**	0.82 J	0.487	0.18	0.66 J	0.11	0.039	0.37 J	0.266	0.26
Uranium-235, Particulate	**908.0**	0.08 U	0.103	0.13	-0.005 U	0.01	0.038	0.06 U	0.153	0.34
Uranium-238, Dissolved	**908.0**	12.71 J	2.447	0.33	13.8	0.6	0.075	5.17	1.173	0.16
Uranium-238, Particulate	**908.0**	0.02 U	0.049	0.13	0.004 U	0.008	0.031	0.02 U	0.128	0.39
Sum of dissolved isotopic uranium activity	**Calculated**	27.69	--	--	29.26	--	--	11	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	ND	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	< 0	--	--	< 0	--	--	< 0	--	--
Adjusted particulate gross alpha	**Calculated**	NA	--	--	NA	--	--	NA	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-33A (Port 2)	RD-33A (Port 2)	RD-33A (Port 2)	RD-33A (Port 2)	RD-33A (Port 2)	RD-33A (Port 2)
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-33A_011911_01	RD-33A_011911_01	RD-33A_011911_01	RD-33A_072111_01	RD-33A_072111_01	RD-33A_072111_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/19/2011	1/19/2011	1/19/2011	7/21/2011	7/21/2011	7/21/2011
Analyte (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	-1.64 U	6.1	10.8	0.66 U	4.738	8.79
Antimony-125, Particulate	**901.1**	3.17 U	5.8	9.85	0.25 U	0.998	1.88
Barium-133, Dissolved	**901.1**	-3.12 U	3.9	6.88	2.49 U	2.538	4.1
Barium-133, Particulate	**901.1**	0.641 U	2.8	2.76	-0.3 U	0.47	0.82
Cesium-134, Dissolved	**901.1**	-1.71 U	2.2	4.1	-3.46 U	2.131	3.26
Cesium-134, Particulate	**901.1**	-1.4 U	1.8	3.33	-0.18 U	0.466	0.81
Cesium-137, Dissolved	**901.1**	-0.529 U	2.9	5.08	0.65 U	2.413	4.4
Cesium-137, Particulate	**901.1**	-2.02 U	2.2	3.85	-0.12 U	0.494	0.85
Cobalt-60, Dissolved	**901.1**	0.953 U	2	3.44	-0.3 U	2.156	4.4
Cobalt-60, Particulate	**901.1**	-0.963 U	2.2	3.94	0.07 U	0.496	0.95
Europium-152, Dissolved	**901.1**	-1.58 U	11	18.5	-1.39 U	14.49	26.01
Europium-152, Particulate	**901.1**	0.415 U	6.6	11.3	-0.6 U	4.236	6.8
Europium-154, Dissolved	**901.1**	3.39 U	6.1	10.6	3.77 U	6.785	12.2
Europium-154, Particulate	**901.1**	3.35 U	4.9	8.39	-0.44 U	1.474	2.61
Europium-155, Dissolved	**901.1**	-0.471 U	8.1	14	0.2 U	3.766	6.45
Europium-155, Particulate	**901.1**	0.447 U	5.2	8.95	0.27 U	0.569	0.99
Gross Alpha, Dissolved	**900.0**	3.69	1.1	1.16	2.82 UJ	1.747	2.96
Gross alpha, Particulate	**900.0**	0.236 U	0.73	1.31	0.32 UJ	0.454	0.92
Gross Beta, Dissolved	**900.0**	5.73	0.74	0.944	8.98	1.949	3.19
Gross beta, Particulate	**900.0**	-0.183 U	0.65	1.1	0.12 U	1.535	3.26
Manganese-54, Dissolved	**901.1**	-0.501 U	1.9	3.45	-0.03 U	1.963	3.57
Manganese-54, Particulate	**901.1**	0.231 U	1.2	2.17	0.19 U	0.52	0.98
Potassium-40, Dissolved	**901.1**	19.9 U	46	79.7	-12.29 U	28.63	53.35
Potassium-40, Particulate	**901.1**	22.4 U	31	51.8	11 J	7.487	9.27
Sodium-22, Dissolved	**901.1**	1.15 U	2.1	3.58	1.37 U	2.445	4.4
Sodium-22, Particulate	**901.1**	1.13 U	1.7	2.84	-0.16 U	0.529	0.93
Strontium-90, Dissolved	**905.0**	-0.183 U	0.43	0.767	0.19 U	0.506	1.06
Strontium-90, Particulate	**905.0**	0.038 U	0.32	0.598	0.25 U	0.641	1.34
Tritium	**906.0**	42.4 U	190	319	174.85 U	136.37	227.04
Uranium-233/234, Dissolved	**908.0**	1.64	0.24	0.092	2.07 J	0.555	0.19
Uranium-233/234, Particulate	**908.0**	0.023 U	0.031	0.074	0.23 J	0.156	0.16
Uranium-235, Dissolved	**908.0**	0.01 U	0.02	0.077	0.09 UJ	0.111	0.14
Uranium-235, Particulate	**908.0**	0.009 U	0.019	0.071	0.05 U	0.081	0.15
Uranium-238, Dissolved	**908.0**	1.07	0.19	0.064	1.34 U	0.424	0.21
Uranium-238, Particulate	**908.0**	0 U	0.015	0.059	0.04 U	0.065	0.1
Sum of dissolved isotopic uranium activity	**Calculated**	2.71	--	--	2.07	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	0.23	--	--
Adjusted dissolved gross alpha	**Calculated**	0.98	--	--	NA	--	--
Adjusted particulate gross alpha	**Calculated**	NA	--	--	NA	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-33B	RD-33B	RD-33B	RD-33B	RD-33B	RD-33B	RD-33C	RD-33C	RD-33C
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-33B_011311_01	RD-33B_011311_01	RD-33B_011311_01	RD-33B_071211_01	RD-33B_071211_01	RD-33B_071211_01	RD-33C_012511_01	RD-33C_012511_01	RD-33C_012511_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/13/2011	1/13/2011	1/13/2011	7/12/2011	7/12/2011	7/12/2011	1/25/2011	1/25/2011	1/25/2011
Analyte (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	2.03 U	5.4	9.25	-0.08 U	5.61	9.57	-0.365 U	2.7	4.74
Antimony-125, Particulate	**901.1**	-0.445 U	2.8	5.04	-0.73 U	1.197	2.08	-0.253 U	6.2	10.6
Barium-133, Dissolved	**901.1**	-3.19 U	3.6	6.28	-0.8 U	2.544	4.2	0.646 U	0.88	1.99
Barium-133, Particulate	**901.1**	0.891 U	2.1	3.63	0.09 U	0.539	0.85	0.593 U	0.64	2.7
Cesium-134, Dissolved	**901.1**	1.32 U	3.7	6.37	-2.09 U	1.881	3.08	0.156 U	1.9	3.36
Cesium-134, Particulate	**901.1**	-0.769 U	1.9	3.38	0.21 U	0.497	0.93	1.16 U	3.2	5.51
Cesium-137, Dissolved	**901.1**	-0.883 U	2.9	5.15	-0.91 U	2.073	3.51	-0.662 U	1.4	2.55
Cesium-137, Particulate	**901.1**	-0.276 U	1.4	2.55	0.21 U	0.638	1.13	0.263 U	2	3.54
Cobalt-60, Dissolved	**901.1**	-1.15 U	2.1	3.95	3.03 U	2.692	4.41	-0.414 U	2.5	4.44
Cobalt-60, Particulate	**901.1**	-0.512 U	1.4	2.69	-0.14 U	0.725	1.36	0.469 U	2.5	4.41
Europium-152, Dissolved	**901.1**	-2.63 U	7.7	13.5	2.63 U	11.26	24.31	7.94 J	8.5	5.9
Europium-152, Particulate	**901.1**	-0.582 U	4.1	7.13	-0.17 U	4.12	7.49	0.667 U	1.6	6.23
Europium-154, Dissolved	**901.1**	2.2 U	8.5	14.8	1.2 U	6.824	13.18	1.5 U	4.2	7.25
Europium-154, Particulate	**901.1**	0.117 U	4.2	7.6	0.84 U	1.372	2.7	1.9 U	6.1	10.6
Europium-155, Dissolved	**901.1**	-4.49 U	8.6	14.8	1.35 U	3.468	6.05	-2.83 U	4.7	8.07
Europium-155, Particulate	**901.1**	1.46 U	4.3	7.26	0.37 U	0.645	1.13	-3.23 U	5.2	8.93
Gross Alpha, Dissolved	**900.0**	1.33 U	0.97	1.66	3.14 J	1.556	1.83	3.54 J	1.3	1.49
Gross alpha, Particulate	**900.0**	0.564 U	0.51	0.757	0.58 J	0.311	0.44	0.095 U	0.31	0.565
Gross Beta, Dissolved	**900.0**	5.18	1.2	1.77	7.72	1.537	2.46	6.38 J	1.2	1.72
Gross beta, Particulate	**900.0**	0.213 U	1.1	1.88	0.55 U	0.589	1.2	1.3 U	1.1	1.82
Manganese-54, Dissolved	**901.1**	0.743 U	1.6	2.78	0.65 U	2.12	4.17	0.892 U	1.8	3.11
Manganese-54, Particulate	**901.1**	-0.024 U	2.1	3.62	-0.1 U	0.506	0.9	-0.786 U	4.9	8.36
Potassium-40, Dissolved	**901.1**	14.4 U	44	76.3	-41.56 U	29.18	45.55	18.8 U	21	34.9
Potassium-40, Particulate	**901.1**	-3.21 U	29	50.4	1.08 U	7.072	14.41	11.9 U	23	39.4
Sodium-22, Dissolved	**901.1**	0.746 U	2.9	5.02	0.47 U	2.46	4.76	0.508 U	1.4	2.46
Sodium-22, Particulate	**901.1**	0.04 U	1.4	2.57	0.3 U	0.492	0.97	0.642 U	2.1	3.6
Strontium-90, Dissolved	**905.0**	-0.008 U	0.35	0.663	-0.1 U	0.574	1.24	-0.32 U	0.27	0.593
Strontium-90, Particulate	**905.0**	-0.024 U	0.34	0.668	-0.04 U	0.625	1.34	-0.109 U	0.29	0.57
Tritium	**906.0**	0 U	170	291	187.86 U	154.032	256.87	-50.2 U	170	303
Uranium-233/234, Dissolved	**908.0**	0.171 J	0.086	0.082	0.46 U	0.286	0.31	0.188 J	0.082	0.078
Uranium-233/234, Particulate	**908.0**	0.026 U	0.035	0.083	0.06 U	0.183	0.45	0 U	0.036	0.099
Uranium-235, Dissolved	**908.0**	0 U	0.021	0.079	-0.04 U	0.035	0.31	0.03 U	0.04	0.076
Uranium-235, Particulate	**908.0**	0 U	0.021	0.08	0.02 U	0.161	0.49	0 U	0.022	0.083
Uranium-238, Dissolved	**908.0**	0.103 J	0.069	0.065	0.03 U	0.133	0.34	0.065 J	0.049	0.063
Uranium-238, Particulate	**908.0**	0 U	0.017	0.066	0.01 U	0.132	0.43	0.036 U	0.054	0.085
Sum of dissolved isotopic uranium activity	**Calculated**	0.274	--	--	ND	--	--	0.253	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	ND	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	NA	--	--	3.14	--	--	3.287	--	--
Adjusted particulate gross alpha	**Calculated**	NA	--	--	0.58	--	--	NA	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	**RD-33C**	**RD-33C**	**RD-33C**	**RD-34A**	**RD-34A**	**RD-34A**	**RD-34A**	**RD-34A**	**RD-34A**
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-33C_071211_01	RD-33C_071211_01	RD-33C_071211_01	RD-34A_012611_01	RD-34A_012611_01	RD-34A_012611_01	RD-34A_071211_01	RD-34A_071211_01	RD-34A_071211_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	7/12/2011	7/12/2011	7/12/2011	1/26/2011	1/26/2011	1/26/2011	7/12/2011	7/12/2011	7/12/2011
Analyte (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	2.16 U	8.405	15.01	1.1 U	2.9	4.93	1.54 U	5.002	8.96
Antimony-125, Particulate	**901.1**	-0.61 U	1.074	1.87	3.16 U	6.8	11.5	0.5 U	1.127	2.14
Barium-133, Dissolved	**901.1**	1.04 U	3.943	6.95	0.478 U	0.56	1.78	-1.2 U	2.594	4.21
Barium-133, Particulate	**901.1**	-0.64 U	0.498	0.81	1.45 U	3	5.12	-0.38 U	0.619	0.96
Cesium-134, Dissolved	**901.1**	-1.49 U	3.646	6.01	-0.693 U	1.1	2.02	-2.19 U	2.095	3.47
Cesium-134, Particulate	**901.1**	-0.8 U	0.529	0.79	0.673 U	2.1	3.67	-0.89 U	0.58	0.88
Cesium-137, Dissolved	**901.1**	0.32 U	4.202	7.39	0.507 U	1.1	1.89	-0.63 U	2.36	4.12
Cesium-137, Particulate	**901.1**	0.11 U	0.531	0.87	-0.624 U	2.5	4.43	-0.11 U	0.644	1.16
Cobalt-60, Dissolved	**901.1**	0.06 U	3.631	6.43	-0.711 U	1.1	2.09	-1.51 U	2.484	3.96
Cobalt-60, Particulate	**901.1**	0.29 U	0.405	0.89	-0.461 U	1.7	3.18	1.12 U	1.133	1.29
Europium-152, Dissolved	**901.1**	-1.62 U	28.67	51.78	0.81 U	1.3	3.99	-4.01 U	15.58	28.33
Europium-152, Particulate	**901.1**	-0.53 U	3.258	5.98	-1.01 U	6.6	11.5	-0.63 U	4.688	8.28
Europium-154, Dissolved	**901.1**	5.94 U	12.27	23.52	0.63 U	2.6	4.63	-5.13 U	6.426	10
Europium-154, Particulate	**901.1**	-0.46 U	1.345	2.37	-2.8 U	5.6	10.8	-0.17 U	1.532	2.78
Europium-155, Dissolved	**901.1**	-6.54 U	4.959	7.81	2.6 U	5	8.54	-0.73 U	3.307	5.57
Europium-155, Particulate	**901.1**	-0.15 U	0.631	1.02	-1.45 U	5.8	10.1	0.19 U	0.667	1.08
Gross Alpha, Dissolved	**900.0**	1.22 UJ	0.846	1.36	13.3	3.3	3.08	17.7 J	5.423	7.17
Gross alpha, Particulate	**900.0**	0.57 J	0.315	0.45	20	2.4	1.1	0.15 UJ	0.178	0.33
Gross Beta, Dissolved	**900.0**	3.76	0.898	1.49	8.48	2.3	3.26	10.1	3.006	5.15
Gross beta, Particulate	**900.0**	0.83 U	0.636	1.26	20	2.6	3.19	0.61 U	0.541	1.08
Manganese-54, Dissolved	**901.1**	-1 U	3.584	6.58	0.282 U	1.2	2.12	0.77 U	2.23	4.37
Manganese-54, Particulate	**901.1**	0.03 U	0.467	0.86	-0.152 U	1.6	2.88	0.03 U	0.5	0.92
Potassium-40, Dissolved	**901.1**	-8.28 U	44.59	83.17	12.5 U	15	24.8	-8.17 U	25.72	51.4
Potassium-40, Particulate	**901.1**	-2.16 U	6.963	12.95	-7 U	41	72.4	13.45 J	9.821	9.95
Sodium-22, Dissolved	**901.1**	2.06 U	4.394	8.4	0.214 U	0.88	1.57	-1.82 U	2.311	3.61
Sodium-22, Particulate	**901.1**	-0.16 U	0.484	0.85	-0.948 U	1.9	3.66	-0.07 U	0.549	0.99
Strontium-90, Dissolved	**905.0**	0.11 U	0.535	1.14	-0.084 U	0.16	0.286	0.93 U	0.525	1.01
Strontium-90, Particulate	**905.0**	0 U	0.473	1.02	-0.091 U	0.17	0.305	-0.33 U	0.624	1.37
Tritium	**906.0**	0 U	149.725	255.85	793	210	295	375.28 J	157.472	256.57
Uranium-233/234, Dissolved	**908.0**	0.04 UJ	0.094	0.21	8.49	0.47	0.078	12.4 J	2.367	0.29
Uranium-233/234, Particulate	**908.0**	0.08 U	0.116	0.2	0.088 J	0.042	0.046	0.23 U	0.22	0.28
Uranium-235, Dissolved	**908.0**	0.03 UJ	0.082	0.21	0.464 J	0.1	0.038	1.24 J	0.582	0.36
Uranium-235, Particulate	**908.0**	-0.02 U	0.024	0.24	0.005 U	0.01	0.039	-0.01 U	0.018	0.25
Uranium-238, Dissolved	**908.0**	0.11 UJ	0.132	0.21	9.05	0.48	0.072	14.51 J	2.678	0.22
Uranium-238, Particulate	**908.0**	0.11 U	0.133	0.2	0.138 J	0.05	0.032	-0.03 U	0.03	0.28
Sum of dissolved isotopic uranium activity	**Calculated**	ND	--	--	18.004	--	--	28.15	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	0.226	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	NA	--	--	< 0	--	--	< 0	--	--
Adjusted particulate gross alpha	**Calculated**	0.57	--	--	19.774	--	--	NA	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-34B	RD-34B	RD-34B	RD-34C	RD-34C	RD-34C	RD-34C	RD-34C	RD-34C
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-34B_012511_01	RD-34B_012511_01	RD-34B_012511_01	RD-34C_012411_01	RD-34C_012411_01	RD-34C_012411_01	RD-34C_071211_01	RD-34C_071211_01	RD-34C_071211_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/25/2011	1/25/2011	1/25/2011	1/24/2011	1/24/2011	1/24/2011	7/12/2011	7/12/2011	7/12/2011
Analyte (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	0.565 U	6.6	11.4	-0.482 U	6.8	11.8	3.73 U	5.277	10.05
Antimony-125, Particulate	**901.1**	-1.04 U	4.3	7.54	2.89 U	4.2	7.09	-0.04 U	0.977	1.79
Barium-133, Dissolved	**901.1**	0.29 U	3.5	5.95	-0.186 U	2.7	4.64	-2.81 U	2.688	3.98
Barium-133, Particulate	**901.1**	-2.88 U	4.4	2.68	0.361 U	0.44	1.52	-0.11 U	0.445	0.8
Cesium-134, Dissolved	**901.1**	1.47 U	4	6.87	0.86 U	3.3	5.71	-2.04 U	2.139	3.53
Cesium-134, Particulate	**901.1**	-0.227 U	1.4	2.53	0.283 U	0.97	1.71	0.22 U	0.397	0.76
Cesium-137, Dissolved	**901.1**	-0.581 U	2.1	3.84	-0.124 U	2.5	4.47	-0.15 U	2.368	4.33
Cesium-137, Particulate	**901.1**	-0.174 U	2.3	3.94	0.249 U	1	1.75	0.02 U	0.536	0.86
Cobalt-60, Dissolved	**901.1**	-0.394 U	2.1	3.9	1.76 U	2.1	3.46	-0.9 U	2.658	5.08
Cobalt-60, Particulate	**901.1**	0.128 U	1.3	2.36	0.023 U	1.1	2	-0.59 U	0.563	0.87
Europium-152, Dissolved	**901.1**	-3.45 U	7.7	13.6	0.953 U	8.1	14	-3.88 U	14.59	25.35
Europium-152, Particulate	**901.1**	-2.3 U	2.8	6.97	-3.7 U	4.4	7.69	-0.19 U	3.623	6.7
Europium-154, Dissolved	**901.1**	-0.276 U	6.4	11.7	0.342 U	4.5	8.45	-1.15 U	5.648	8.89
Europium-154, Particulate	**901.1**	-1.56 U	4.9	8.92	0.77 U	2.3	4.04	0.61 U	1.253	2.59
Europium-155, Dissolved	**901.1**	-3.84 U	8.8	15.1	2.89 U	7.9	13.5	6.69 J	3.86	6.63
Europium-155, Particulate	**901.1**	-4.08 U	6.3	10.8	3.58 U	3.8	6.3	0.28 U	0.591	1
Gross Alpha, Dissolved	**900.0**	4.94	1.6	2.01	2.43 J	1	1.2	1.22 J	0.724	0.96
Gross alpha, Particulate	**900.0**	0.456 U	0.41	0.587	0.056 U	0.25	0.463	0.67 J	0.313	0.35
Gross Beta, Dissolved	**900.0**	6.04	1.2	1.64	5.1	1	1.41	4.03	0.998	1.66
Gross beta, Particulate	**900.0**	0.485 U	1	1.7	0.225 U	0.9	1.5	0.67 U	0.679	1.38
Manganese-54, Dissolved	**901.1**	-2.56 U	3.6	6.39	-0.006 U	2.6	4.62	-0.29 U	1.971	3.16
Manganese-54, Particulate	**901.1**	-0.169 U	1.6	2.78	-1.82 U	1.9	3.39	-0.3 U	0.458	0.76
Potassium-40, Dissolved	**901.1**	8.86 U	43	74.7	-14.2 U	40	72.2	4.65 U	26.05	51.93
Potassium-40, Particulate	**901.1**	5.24 U	20	35.3	-6.92 U	16	28.4	10.72 J	7.413	9.94
Sodium-22, Dissolved	**901.1**	-0.093 U	2.2	3.96	0.116 U	1.5	2.85	-0.43 U	2.025	3.18
Sodium-22, Particulate	**901.1**	-0.53 U	1.7	3.02	0.26 U	0.76	1.36	0.21 U	0.448	0.93
Strontium-90, Dissolved	**905.0**	-0.066 U	0.29	0.574	-0.116 U	0.27	0.558	0.15 U	0.569	1.2
Strontium-90, Particulate	**905.0**	-0.112 U	0.25	0.516	-0.004 U	0.29	0.551	0.91 U	0.689	1.37
Tritium	**906.0**	76.9 U	180	300	-19 U	180	319	0 U	149.818	256.01
Uranium-233/234, Dissolved	**908.0**	1.87	0.45	0.206	0.157 J	0.079	0.087	0.22 U	0.164	0.15
Uranium-233/234, Particulate	**908.0**	0.014 U	0.028	0.067	-0.007 U	0.013	0.064	0.25 U	0.175	0.15
Uranium-235, Dissolved	**908.0**	0.104 U	0.1	0.199	0.009 U	0.019	0.073	0.1 U	0.122	0.09
Uranium-235, Particulate	**908.0**	0.009 U	0.017	0.065	-0.008 U	0.016	0.061	0.1 U	0.123	0.16
Uranium-238, Dissolved	**908.0**	1.59	0.4	0.206	0.063 J	0.047	0.06	0.07 U	0.1	0.17
Uranium-238, Particulate	**908.0**	0.007 U	0.028	0.067	-0.007 U	0.013	0.051	0.08 U	0.1	0.15
Sum of dissolved isotopic uranium activity	**Calculated**	3.46	--	--	0.22	--	--	ND	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	ND	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	1.48	--	--	2.21	--	--	1.22	--	--
Adjusted particulate gross alpha	**Calculated**	NA	--	--	NA	--	--	0.67	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	**RD-50 (Port 2)**	**RD-50 (Port 2)**	**RD-50 (Port 2)**	**RD-50 (Port 2)**	**RD-50 (Port 2)**	**RD-50 (Port 2)**	**RD-54A (Port 2)**	**RD-54A (Port 2)**	**RD-54A (Port 2)**
	SampleType:	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
	Sample Name:	RD-50_011911_01	RD-50_011911_01	RD-50_011911_01	RD-50_072111_01	RD-50_072111_01	RD-50_072111_01	RD-54A_072111_01	RD-54A_072111_01	RD-54A_072111_01
	Groundwater Unit:	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
	Lab Name:	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
	Collection Date:	1/19/2011	1/19/2011	1/19/2011	7/21/2011	7/21/2011	7/21/2011	7/21/2011	7/21/2011	7/21/2011
Analyte (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	-0.16 U	3.5	6.08	-0.23 U	5.075	8.7	0 U	9.137	15.8
Antimony-125, Particulate	**901.1**	1.5 U	4.2	7.29	0.66 U	0.948	1.86	0.21 U	1.23	2.29
Barium-133, Dissolved	**901.1**	-2.23 U	5.9	10	-1.41 U	2.716	4.37	-1.07 U	4.173	7
Barium-133, Particulate	**901.1**	0.307 U	0.42	2.42	-0.39 U	0.475	0.81	-1.17 U	0.709	0.96
Cesium-134, Dissolved	**901.1**	-0.466 U	2.1	3.7	-1.48 U	2.105	3.64	-0.89 U	3.397	5.73
Cesium-134, Particulate	**901.1**	-1.11 U	2.6	4.55	0.16 U	0.477	0.81	-0.77 U	0.599	0.94
Cesium-137, Dissolved	**901.1**	-0.557 U	1.6	2.76	-0.42 U	2.187	3.91	-3.67 U	4.695	6.76
Cesium-137, Particulate	**901.1**	2.41 U	2.6	4.28	-0.01 U	0.461	0.81	-0.01 U	0.676	1.21
Cobalt-60, Dissolved	**901.1**	1.2 U	1.6	2.73	0.36 U	2.061	3.8	1.46 U	3.587	7.51
Cobalt-60, Particulate	**901.1**	-1.68 U	3	5.42	0.06 U	0.742	1	-0.26 U	0.899	1.48
Europium-152, Dissolved	**901.1**	-6.1 U	16	27.4	-1.4 U	15.3	28.92	24.95 U	25.49	58.92
Europium-152, Particulate	**901.1**	0.727 U	1.1	6.52	2.8 U	3.427	7.42	-1.61 U	4.709	8.04
Europium-154, Dissolved	**901.1**	-0.529 U	4.8	8.54	-0.76 U	6.497	10.92	-10.26 U	11.46	18.61
Europium-154, Particulate	**901.1**	-2.76 U	6	11	-0.57 U	1.666	2.9	-0.05 U	1.554	2.6
Europium-155, Dissolved	**901.1**	-1.53 U	5.5	9.46	0.01 U	3.344	5.47	-5.62 U	5.131	8.22
Europium-155, Particulate	**901.1**	-1.01 U	4.9	8.48	0.49 U	0.579	1.02	0.48 U	0.654	1.16
Gross Alpha, Dissolved	**900.0**	5.11	0.7	0.509	8.59 J	2.626	2.58	8.56 J	2.553	2.74
Gross alpha, Particulate	**900.0**	0.014 U	0.22	0.403	-0.2 UJ	0.461	1.25	0.13 UJ	0.4	0.93
Gross Beta, Dissolved	**900.0**	7.31	0.93	1.13	5.77	1.754	3.02	5.83	1.829	3.2
Gross beta, Particulate	**900.0**	0.436 U	0.72	1.18	0.27 U	1.318	2.79	0.65 U	1.307	2.73
Manganese-54, Dissolved	**901.1**	-0.063 U	2	3.52	-0.38 U	2.254	4.14	-1.05 U	4.227	6.77
Manganese-54, Particulate	**901.1**	1.12 U	2.2	3.78	0.32 U	0.482	0.94	-0.15 U	0.641	1.09
Potassium-40, Dissolved	**901.1**	-9.55 U	25	43.7	2.42 U	28.14	52.88	7.07 U	43.32	89.93
Potassium-40, Particulate	**901.1**	-0.243 U	24	41.7	1.03 U	6.351	13.06	-4.13 U	8.889	16.07
Sodium-22, Dissolved	**901.1**	-0.179 U	1.6	2.89	-0.27 U	2.335	3.93	-3.77 U	4.112	6.64
Sodium-22, Particulate	**901.1**	-0.936 U	2	3.71	-0.21 U	0.597	1.04	-0.01 U	0.56	0.94
Strontium-90, Dissolved	**905.0**	0.18 U	0.29	0.538	-0.13 U	0.549	1.19	0.51 U	0.579	1.18
Strontium-90, Particulate	**905.0**	-0.02 U	0.3	0.581	0.14 U	0.531	1.12	0.67 U	0.524	1.04
Tritium	**906.0**	87.1 U	190	328	175.17 U	136.615	227.45	0 U	134.433	229.95
Uranium-233/234, Dissolved	**908.0**	12.7	0.74	0.108	5.37 J	1.016	0.1	3.59	0.825	0.15
Uranium-233/234, Particulate	**908.0**	0.02 U	0.027	0.065	0.05 U	0.073	0.07	0.12 UJ	0.119	0.16
Uranium-235, Dissolved	**908.0**	0.607 J	0.13	0.054	0.5 J	0.247	0.16	0.3 J	0.211	0.16
Uranium-235, Particulate	**908.0**	0 U	0.017	0.063	0.03 U	0.065	0.15	0.02 UJ	0.06	0.16
Uranium-238, Dissolved	**908.0**	10	0.63	0.103	4.36 J	0.867	0.1	2.74	0.684	0.15
Uranium-238, Particulate	**908.0**	0.027 U	0.027	0.052	-0.01 U	0.012	0.14	0.11 J	0.107	0.11
Sum of dissolved isotopic uranium activity	**Calculated**	23.307	--	--	10.23	--	--	6.63	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	ND	--	--	0.11	--	--
Adjusted dissolved gross alpha	**Calculated**	< 0	--	--	< 0	--	--	1.93	--	--
Adjusted particulate gross alpha	**Calculated**	NA	--	--	NA	--	--	NA	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-56A	RD-56A	RD-56A	RD-56B	RD-56B	RD-56B	RD-57 (Port 7)	RD-57 (Port 7)	RD-57 (Port 7)
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-56A_071311_01	RD-56A_071311_01	RD-56A_071311_01	RD-56B_071311_01	RD-56B_071311_01	RD-56B_071311_01	RD-57_011911_01	RD-57_011911_01	RD-57_011911_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/13/2011	7/13/2011	7/13/2011	7/13/2011	7/13/2011	7/13/2011	1/19/2011	1/19/2011	1/19/2011
Analyte (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	1.7 U	4.965	9.3	4.89 U	9.402	16.99	-4.38 U	4.9	8.64
Antimony-125, Particulate	**901.1**	0.02 U	0.902	1.52	-0.22 U	1.062	1.91	0.458 U	4.2	7.34
Barium-133, Dissolved	**901.1**	-0.99 U	2.755	4.39	-2.51 U	4.228	6.86	0.018 U	0.2	1.87
Barium-133, Particulate	**901.1**	0.06 U	0.407	0.76	-0.3 U	0.487	0.85	0.084 U	0.71	2.07
Cesium-134, Dissolved	**901.1**	-3 U	2.266	3.06	-3.96 U	3.866	5.84	0.497 U	1.9	3.33
Cesium-134, Particulate	**901.1**	-0.04 U	0.435	0.78	-0.54 U	0.477	0.76	0.693 U	1.8	3.16
Cesium-137, Dissolved	**901.1**	-0.93 U	2.375	4.22	-2.32 U	4.041	6.52	0.635 U	1.4	2.37
Cesium-137, Particulate	**901.1**	0.11 U	0.443	0.79	0.36 U	0.493	0.92	-0.58 U	2	3.5
Cobalt-60, Dissolved	**901.1**	2.74 U	2.754	4.84	-0.61 U	4.13	7.78	0.91 U	1.4	2.31
Cobalt-60, Particulate	**901.1**	-0.08 U	0.494	0.9	0.06 U	0.475	0.93	-0.415 U	1.3	2.45
Europium-152, Dissolved	**901.1**	-0.88 U	12.88	23.58	7.74 U	23.86	50.88	-2.86 U	6.1	10.6
Europium-152, Particulate	**901.1**	-0.12 U	3.845	7.03	-1.19 U	3.809	6.67	-5.52 U	6.8	11.9
Europium-154, Dissolved	**901.1**	-2.72 U	5.75	9.66	-1.74 U	12.26	23.11	1.39 U	4.2	7.31
Europium-154, Particulate	**901.1**	-0.03 U	1.528	2.53	-0.44 U	1.528	2.69	-1.6 U	5.4	9.81
Europium-155, Dissolved	**901.1**	1.21 U	3.768	6.53	-5.37 U	4.977	7.98	-1.14 U	4.9	8.37
Europium-155, Particulate	**901.1**	-0.35 U	0.566	0.89	-1.02 U	0.675	0.99	-0.945 U	4.7	8.12
Gross Alpha, Dissolved	**900.0**	4.79	2.175	2.41	-1.68 U	1.759	4.83	5.08	1.5	1.52
Gross alpha, Particulate	**900.0**	0.19 U	0.197	0.35	19.67	4.389	2.69	-0.166 U	0.27	0.535
Gross Beta, Dissolved	**900.0**	4.45 U	3.023	5.96	1.46 U	2.629	5.46	4.29	0.94	1.33
Gross beta, Particulate	**900.0**	0.51 U	0.573	1.17	10.48	1.563	2.25	-0.506 U	0.71	1.21
Manganese-54, Dissolved	**901.1**	1.26 U	1.825	3.62	2.75 U	4.572	8.27	0.678 U	1.5	2.52
Manganese-54, Particulate	**901.1**	-0.24 U	0.37	0.61	0.05 U	0.456	0.85	0.208 U	2	3.49
Potassium-40, Dissolved	**901.1**	-16.67 U	24.98	45.17	70.56 U	52.51	77.48	-13.9 U	24	42.7
Potassium-40, Particulate	**901.1**	4.48 U	6.689	13.84	1.99 U	6.373	13.15	-5.1 U	15	27.7
Sodium-22, Dissolved	**901.1**	-0.98 U	2.067	3.47	-0.63 U	4.407	8.31	0.472 U	1.4	2.48
Sodium-22, Particulate	**901.1**	-0.01 U	0.55	0.91	-0.15 U	0.55	0.97	-0.54 U	1.8	3.32
Strontium-90, Dissolved	**905.0**	-0.32 U	0.616	1.35	0.58 U	0.484	0.97	-0.063 U	0.39	0.7
Strontium-90, Particulate	**905.0**	0.41 U	0.522	1.07	1.57	0.551	1	0.097 U	0.35	0.644
Tritium	**906.0**	1763.28 R	166.942	228.95	0 U	132.401	226.47	181 U	200	321
Uranium-233/234, Dissolved	**908.0**	2.31	0.701	0.31	0.12 U	0.274	0.61	3.35	0.32	0.077
Uranium-233/234, Particulate	**908.0**	0.14 U	0.249	0.51	1.99 J	0.93	0.61	0.007 U	0.027	0.065
Uranium-235, Dissolved	**908.0**	0.19 U	0.209	0.32	-0.08 U	0.081	0.75	0.106 J	0.061	0.058
Uranium-235, Particulate	**908.0**	0.11 U	0.25	0.56	0.36 UJ	0.42	0.61	-0.008 U	0.016	0.063
Uranium-238, Dissolved	**908.0**	1.44	0.527	0.34	0 U	0.202	0.69	2.46	0.27	0.06
Uranium-238, Particulate	**908.0**	-0.06 U	0.054	0.48	1.22 J	0.689	0.38	-0.007 U	0.014	0.052
Sum of dissolved isotopic uranium activity	**Calculated**	3.75	--	--	ND	--	--	5.916	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	3.21	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	1.04	--	--	NA	--	--	< 0	--	--
Adjusted particulate gross alpha	**Calculated**	NA	--	--	16.46	--	--	NA	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		**RD-57 (Port 7)**	**RD-57 (Port 7)**	**RD-57 (Port 7)**	**RD-57 (Port 7)**	**RD-57 (Port 7)**	**RD-57 (Port 7)**	**RD-59A**	**RD-59A**	**RD-59A**
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-57_072111_01	RD-57_072111_01	RD-57_072111_01	RD-57_072511_01	RD-57_072511_01	RD-57_072511_01	RD-59A_011211_01	RD-59A_011211_01	RD-59A_011211_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/21/2011	7/21/2011	7/21/2011	7/25/2011	7/25/2011	7/25/2011	1/12/2011	1/12/2011	1/12/2011
Analyte (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	0.94 U	8.826	15.47				0.401 U	2.2	3.83
Antimony-125, Particulate	**901.1**	-0.48 U	1.117	1.76				-2.34 U	5.4	9.47
Barium-133, Dissolved	**901.1**	-0.7 U	4.202	7.11				0.714 U	2	3.42
Barium-133, Particulate	**901.1**	-0.51 U	0.576	0.87				-5.48 U	7	12
Cesium-134, Dissolved	**901.1**	-3.82 U	4.83	6.51				-0.09 U	1	1.86
Cesium-134, Particulate	**901.1**	-0.77 U	0.487	0.73				-0.696 U	2.3	4.04
Cesium-137, Dissolved	**901.1**	-0.65 U	4.797	7.33				0.196 U	1.2	2.09
Cesium-137, Particulate	**901.1**	-0.02 U	0.586	1.05				-0.055 U	2.3	3.89
Cobalt-60, Dissolved	**901.1**	1.58 U	3.464	7.36				-0.473 U	1.2	2.24
Cobalt-60, Particulate	**901.1**	-0.14 U	0.623	1.15				0.67 U	1.8	3.14
Europium-152, Dissolved	**901.1**	-9.32 U	26.52	48.8				0.338 U	5.2	8.94
Europium-152, Particulate	**901.1**	-2.23 U	3.194	5.02				-15 U	19	32.8
Europium-154, Dissolved	**901.1**	2.91 U	11.08	22.59				1.48 U	3.1	5.4
Europium-154, Particulate	**901.1**	0.34 U	1.661	3.1				-2.93 U	4.7	8.64
Europium-155, Dissolved	**901.1**	-3.82 U	5.243	8.6				-1.41 U	3.5	6.13
Europium-155, Particulate	**901.1**	0.58 U	0.592	1.05				2.43 U	6.4	10.8
Gross Alpha, Dissolved	**900.0**	9.79 J	2.375	1.57				0.801 U	1.2	2.26
Gross alpha, Particulate	**900.0**	-0.13 UJ	0.194	0.54				1.56 J	0.78	1.02
Gross Beta, Dissolved	**900.0**	3.85 J	1.789	3.34				3.78 J	1.6	2.54
Gross beta, Particulate	**900.0**	-0.03 U	0.52	1.12				0.2 U	1.9	3.06
Manganese-54, Dissolved	**901.1**	0.71 U	4.411	8.14				-0.172 U	0.96	1.75
Manganese-54, Particulate	**901.1**	-0.52 U	0.477	0.67				-0.482 U	1.3	2.41
Potassium-40, Dissolved	**901.1**	15.03 U	44.91	94.59				12.2 U	18	30.4
Potassium-40, Particulate	**901.1**	0.55 U	7.327	14.92				14.1 U	26	44.5
Sodium-22, Dissolved	**901.1**	1.01 U	3.979	8.11				0.5 U	1	1.82
Sodium-22, Particulate	**901.1**	0.11 U	0.595	1.1				-0.989 U	1.6	2.92
Strontium-90, Dissolved	**905.0**				0.24 U	0.584	1.22	-0.045 U	0.22	0.426
Strontium-90, Particulate	**905.0**				0.85 U	0.655	1.31	0.091 U	0.32	0.612
Tritium	**906.0**	175.9 U	137.187	228.4				-201 U	180	330
Uranium-233/234, Dissolved	**908.0**				4.88 J	1.204	0.26	0.674 J	0.11	0.052
Uranium-233/234, Particulate	**908.0**				0.13 UJ	0.166	0.22	-0.01 U	0.013	0.043
Uranium-235, Dissolved	**908.0**				0.6 J	0.388	0.16	0.021 U	0.031	0.049
Uranium-235, Particulate	**908.0**				-0.01 UJ	0.02	0.27	-0.008 U	0.008	0.038
Uranium-238, Dissolved	**908.0**				4.27 J	1.101	0.29	0.517 J	0.095	0.032
Uranium-238, Particulate	**908.0**				-0.01 UJ	0.104	0.37	0 U	0.013	0.031
Sum of dissolved isotopic uranium activity	**Calculated**	--	--	--	9.75	--	--	1.191	--	--
Sum of particulate isotopic uranium activity	**Calculated**	--	--	--	ND	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	--	--	--	0.04	--	--	NA	--	--
Adjusted particulate gross alpha	**Calculated**	--	--	--	NA	--	--	1.56	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		**RD-59A**	**RD-59A**	**RD-59A**	**RD-59B**	**RD-59B**	**RD-59B**	**RD-59B**	**RD-59B**	**RD-59B**
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-59A_071111_01	RD-59A_071111_01	RD-59A_071111_01	RD-59B_011211_01	RD-59B_011211_01	RD-59B_011211_01	RD-59B_071111_01	RD-59B_071111_01	RD-59B_071111_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/11/2011	7/11/2011	7/11/2011	1/12/2011	1/12/2011	1/12/2011	7/11/2011	7/11/2011	7/11/2011
Analyte (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	-0.3 U	4.218	7.76	3.56 U	4.9	8.26	3.16 U	4.467	8.67
Antimony-125, Particulate	**901.1**	0.06 U	0.631	1.17	-0.305 U	3.6	6.32	-0.62 U	0.688	1.17
Barium-133, Dissolved	**901.1**	0.41 U	1.969	3.69	-0.316 U	2.8	4.8	2.6 U	2.442	3.83
Barium-133, Particulate	**901.1**	-0.27 U	0.31	0.53	1.08 U	2.2	2.01	-0.89 U	0.45	0.58
Cesium-134, Dissolved	**901.1**	-1.38 U	1.979	3.36	1.41 U	1.9	3.3	0.89 U	1.853	3.49
Cesium-134, Particulate	**901.1**	-0.2 U	0.29	0.49	-0.26 U	2.2	3.8	-0.45 U	0.346	0.54
Cesium-137, Dissolved	**901.1**	0.1 U	1.919	3.47	0.761 U	2	3.54	0.47 U	2.416	4.42
Cesium-137, Particulate	**901.1**	0.07 U	0.295	0.54	0.098 U	2.5	4.25	0.16 U	0.412	0.76
Cobalt-60, Dissolved	**901.1**	-0.68 U	1.962	3.51	-0.067 U	1.5	2.79	-0.07 U	2.467	4.84
Cobalt-60, Particulate	**901.1**	-0.18 U	0.329	0.54	-0.251 U	2	3.62	-0.16 U	0.425	0.8
Europium-152, Dissolved	**901.1**	-7.56 U	12.47	20.48	-0.117 U	8.6	14.9	-10.12 U	14.66	19.28
Europium-152, Particulate	**901.1**	0.56 U	1.995	3.87	0.381 U	5.1	8.88	2.62 U	2.648	5.54
Europium-154, Dissolved	**901.1**	0.17 U	5.753	9.69	0.682 U	4.6	8.47	-1.65 U	4.729	7.2
Europium-154, Particulate	**901.1**	-0.17 U	0.742	1.35	0.514 U	2.9	5.3	0.39 U	0.914	1.82
Europium-155, Dissolved	**901.1**	3.17 U	3.618	6.35	0.601 U	7.3	12.4	2.38 U	3.677	6.46
Europium-155, Particulate	**901.1**	0.22 U	0.347	0.6	1.88 U	4.5	7.68	0.13 U	0.411	0.71
Gross Alpha, Dissolved	**900.0**	-2.42 U	2.523	6.92	2.35 J	1.1	1.29	1.08 U	2.122	4.55
Gross alpha, Particulate	**900.0**	-0.1 U	0.318	0.79	-0.056 U	0.43	0.954	0.1 U	0.214	0.47
Gross Beta, Dissolved	**900.0**	11.72	3.189	5.62	3.84 J	1.5	2.36	5.27 J	2.257	4.26
Gross beta, Particulate	**900.0**	0.57 U	0.717	1.47	-0.888 U	1.1	1.98	0.47 U	0.669	1.38
Manganese-54, Dissolved	**901.1**	1.55 U	1.742	3.56	-1.17 U	2.1	3.9	1.2 U	1.927	3.75
Manganese-54, Particulate	**901.1**	-0.14 U	0.278	0.47	-0.84 U	1.7	3.03	0.2 U	0.291	0.57
Potassium-40, Dissolved	**901.1**	0.71 U	24.43	49.79	15.3 U	39	66.6	12.8 U	24.17	52.36
Potassium-40, Particulate	**901.1**	-0.06 U	3.608	7.73	-17.2 U	27	48.6	-1.24 U	5.021	9.59
Sodium-22, Dissolved	**901.1**	0.03 U	2.056	3.45	0.23 U	1.6	2.86	-0.61 U	1.691	2.56
Sodium-22, Particulate	**901.1**	-0.07 U	0.265	0.48	0.174 U	0.98	1.79	0.14 U	0.328	0.65
Strontium-90, Dissolved	**905.0**	0.63 U	0.616	1.25	-0.185 U	0.43	0.766	0.02 U	0.589	1.26
Strontium-90, Particulate	**905.0**	1.04 U	0.664	1.3	-0.284 U	0.36	0.705	0.63 U	0.592	1.19
Tritium	**906.0**	0 U	136.426	233.13	-175 U	180	330	0 U	138.822	237.22
Uranium-233/234, Dissolved	**908.0**	1.1 J	0.369	0.16	0.259 J	0.058	0.043	0.3 J	0.209	0.15
Uranium-233/234, Particulate	**908.0**	-0.01 U	0.055	0.2	0.003 U	0.019	0.041	-0.03 U	0.038	0.38
Uranium-235, Dissolved	**908.0**	0.11 UJ	0.125	0.16	0.008 U	0.015	0.03	0.01 UJ	0.09	0.29
Uranium-235, Particulate	**908.0**	0.08 U	0.108	0.18	-0.004 U	0.007	0.036	0.08 U	0.159	0.21
Uranium-238, Dissolved	**908.0**	0.51 J	0.239	0.13	0.128 J	0.045	0.031	0.17 UJ	0.17	0.23
Uranium-238, Particulate	**908.0**	0.06 U	0.087	0.15	0 U	0.012	0.03	0.03 U	0.133	0.38
Sum of dissolved isotopic uranium activity	**Calculated**	1.61	--	--	0.387	--	--	0.3	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	ND	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	NA	--	--	1.963	--	--	NA	--	--
Adjusted particulate gross alpha	**Calculated**	NA	--	--	NA	--	--	NA	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-59B	RD-59B	RD-59B	RD-59C	RD-59C	RD-59C	RD-59C	RD-59C	RD-59C
SampleType:		Field Duplicate	Field Duplicate	Field Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-59B_011211_36	RD-59B_011211_36	RD-59B_011211_36	RD-59C_011211_01	RD-59C_011211_01	RD-59C_011211_01	RD-59C_071111_01	RD-59C_071111_01	RD-59C_071111_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/12/2011	1/12/2011	1/12/2011	1/12/2011	1/12/2011	1/12/2011	7/11/2011	7/11/2011	7/11/2011
Analyte (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	1.38 U	2	3.37	-3.12 U	4.3	7.5	5.46 U	9.89	17.8
Antimony-125, Particulate	**901.1**	-1.16 U	2.9	5.26	2.09 U	5.5	9.37	0.14 U	0.212	0.39
Barium-133, Dissolved	**901.1**	0.309 U	0.57	1.54	0.442 U	0.62	1.79	0.69 U	4.308	7.48
Barium-133, Particulate	**901.1**	-1.83 U	2.3	4.04	0.29 U	0.61	2.1	-0.19 U	0.12	0.17
Cesium-134, Dissolved	**901.1**	-0.149 U	1.4	2.42	0.121 U	1.4	2.46	-1.71 U	3.81	6.23
Cesium-134, Particulate	**901.1**	-0.192 U	1.3	2.27	-1.78 U	1.8	3.3	-0.13 U	0.097	0.15
Cesium-137, Dissolved	**901.1**	-0.409 U	1.7	3.02	-0.759 U	1.5	2.69	-0.9 U	4.609	7.77
Cesium-137, Particulate	**901.1**	0.413 U	1	1.78	0.474 U	1.5	2.58	0.08 U	0.102	0.2
Cobalt-60, Dissolved	**901.1**	-0.12 U	1.6	2.94	-0.457 U	0.93	1.76	-1.68 U	4.301	7.52
Cobalt-60, Particulate	**901.1**	0.046 U	1.6	2.92	0.158 U	0.99	1.81	-0.08 U	0.104	0.17
Europium-152, Dissolved	**901.1**	0.626 U	1.6	4.68	0.348 U	1.8	4.96	-9.7 U	29.63	52.25
Europium-152, Particulate	**901.1**	-1.8 U	7.2	12.3	0.692 U	1.4	5.73	-0.18 U	0.638	1.18
Europium-154, Dissolved	**901.1**	-0.278 U	3.4	6.17	-0.78 U	2.3	4.35	-2.71 U	9.803	18.48
Europium-154, Particulate	**901.1**	0.942 U	3.7	6.54	-0.343 U	4.2	7.6	-0.13 U	0.333	0.58
Europium-155, Dissolved	**901.1**	-1.62 U	2.6	4.61	-1.35 U	4.7	8	-7.5 U	5.471	8.32
Europium-155, Particulate	**901.1**	1.48 U	4.2	7.12	4.13 U	4.5	7.61	0.06 U	0.089	0.16
Gross Alpha, Dissolved	**900.0**	1.41 J	0.82	0.944	3.32	1.3	1.42	1.48 U	2.461	5.18
Gross alpha, Particulate	**900.0**	0.447 U	0.39	0.562	0.374 U	0.35	0.48	0.06 U	0.323	0.74
Gross Beta, Dissolved	**900.0**	-0.748 U	1.7	2.87	2.92 J	1.3	2	14.57	2.871	4.65
Gross beta, Particulate	**900.0**	-0.507 U	1.1	1.83	0.623 U	1.9	3.01	0.71 U	0.672	1.36
Manganese-54, Dissolved	**901.1**	-0.998 U	1.1	1.99	-0.458 U	0.97	1.76	-2.15 U	3.807	6.69
Manganese-54, Particulate	**901.1**	0.289 U	1.5	2.54	-1.26 U	2.2	3.96	0.02 U	0.094	0.18
Potassium-40, Dissolved	**901.1**	-7.26 U	17	30.7	3.56 U	20	34.7	19.55 U	43.64	90.25
Potassium-40, Particulate	**901.1**	-19.5 U	24	43.3	-15.3 U	25	45	2.44 J	1.708	1.71
Sodium-22, Dissolved	**901.1**	-0.094 U	1.1	2.08	-0.263 U	0.77	1.47	-0.97 U	3.513	6.62
Sodium-22, Particulate	**901.1**	0.318 U	1.2	2.21	-0.116 U	1.4	2.57	-0.05 U	0.119	0.21
Strontium-90, Dissolved	**905.0**	-0.15 U	0.32	0.65	-0.219 U	0.28	0.594	0.2 U	0.634	1.33
Strontium-90, Particulate	**905.0**	-0.09 U	0.3	0.612	-0.067 U	0.42	0.747	0.33 U	0.715	1.49
Tritium	**906.0**	-64.3 U	190	334	-155 U	180	334	0 U	141.422	241.66
Uranium-233/234, Dissolved	**908.0**	0.254 J	0.061	0.041	0.207 J	0.071	0.063	0.42	0.227	0.16
Uranium-233/234, Particulate	**908.0**	-0.016 U	0.024	0.064	-0.009 U	0.026	0.069	0.04 U	0.096	0.23
Uranium-235, Dissolved	**908.0**	0.007 U	0.022	0.04	-0.005 U	0.011	0.051	0 U	0.007	0.09
Uranium-235, Particulate	**908.0**	0.024 U	0.019	0.037	0.005 U	0.01	0.04	0.11 U	0.141	0.18
Uranium-238, Dissolved	**908.0**	0.106 J	0.036	0.023	0.062 J	0.035	0.049	0.11 U	0.124	0.19
Uranium-238, Particulate	**908.0**	0 U	0.016	0.044	0.009 U	0.017	0.041	0.06 U	0.093	0.15
Sum of dissolved isotopic uranium activity	**Calculated**	0.36	--	--	0.269	--	--	0.42	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	ND	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	1.05	--	--	3.051	--	--	NA	--	--
Adjusted particulate gross alpha	**Calculated**	NA	--	--	NA	--	--	NA	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-60	RD-60	RD-60	RD-63	RD-63	RD-63	RD-85	RD-85	RD-85
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-60_071811_01	RD-60_071811_01	RD-60_071811_01	RD-63_071811_01	RD-63_071811_01	RD-63_071811_01	RD-85_011411_01	RD-85_011411_01	RD-85_011411_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/18/2011	7/18/2011	7/18/2011	7/18/2011	7/18/2011	7/18/2011	1/14/2011	1/14/2011	1/14/2011
Analyte (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	2.07 U	4.894	8.92	-1.47 U	3.98	7.14	-4.01 U	4.7	8.2
Antimony-125, Particulate	**901.1**	0.61 U	1.173	2.24	-0.02 U	1.058	1.94	3.41 U	3.9	6.57
Barium-133, Dissolved	**901.1**	-2.84 U	2.852	4.32	-0.92 U	2.08	3.69	-1.44 U	2	3.46
Barium-133, Particulate	**901.1**	-0.53 U	0.658	1	-0.64 U	0.496	0.8	-1.05 U	1.4	2.55
Cesium-134, Dissolved	**901.1**	-0.32 U	2.336	3.85	-1.49 U	1.985	3.35	-0.36 U	0.91	1.7
Cesium-134, Particulate	**901.1**	-0.16 U	0.555	0.97	-0.34 U	0.452	0.76	-0.311 U	2.3	4.07
Cesium-137, Dissolved	**901.1**	1.3 U	2.353	4.54	-0.27 U	2.076	3.6	-0.651 U	1.5	2.63
Cesium-137, Particulate	**901.1**	0 U	0.647	1.16	0.17 U	0.523	0.95	-0.18 U	1.6	2.81
Cobalt-60, Dissolved	**901.1**	-1.18 U	2.092	3.58	0.33 U	2.049	3.86	0.613 U	2	3.45
Cobalt-60, Particulate	**901.1**	0.15 U	0.741	1.42	0.3 U	0.554	1.1	0.469 U	1.5	2.68
Europium-152, Dissolved	**901.1**	5.14 U	16.74	33.6	2.64 U	13.86	26.54	-0.547 U	4.1	8.35
Europium-152, Particulate	**901.1**	0.02 U	4.481	8.17	-0.61 U	3.962	6.39	-0.5 U	5.4	9.3
Europium-154, Dissolved	**901.1**	1.54 U	8.185	15.6	-1.9 U	4.496	7.83	1.1 U	4.7	8.1
Europium-154, Particulate	**901.1**	0 U	1.376	2.36	-0.37 U	1.495	2.67	-0.472 U	3	5.63
Europium-155, Dissolved	**901.1**	3.44 U	3.872	6.2	2.47 U	3.834	6.21	0.881 U	5	8.49
Europium-155, Particulate	**901.1**	0.56 U	0.67	1.19	0.67 U	0.582	1.03	-5.08 U	5.2	9.14
Gross Alpha, Dissolved	**900.0**	0 U	6.192	14.31	12.51	4.051	5.16	4.78	1.9	2.03
Gross alpha, Particulate	**900.0**	0.13 U	0.397	0.92	0.26 U	0.439	0.93	2.06 J	1.1	1.43
Gross Beta, Dissolved	**900.0**	4.39 U	6.004	12.35	8.79	2.726	4.72	4.75	2.4	3.65
Gross beta, Particulate	**900.0**	1.83 U	1.363	2.71	-0.46 U	1.518	3.28	2.31 U	2.4	3.89
Manganese-54, Dissolved	**901.1**	-0.71 U	1.9	3.44	0.55 U	1.762	3.39	0.528 U	0.99	1.69
Manganese-54, Particulate	**901.1**	-0.25 U	0.61	1.01	0.07 U	0.473	0.89	0.443 U	1.6	2.81
Potassium-40, Dissolved	**901.1**	-10.52 U	26.34	49.08	0.32 U	26.5	50.88	-10.1 U	27	47
Potassium-40, Particulate	**901.1**	-1.27 U	6.699	14.4	-2.17 U	6.889	13.03	-12.2 U	23	40.7
Sodium-22, Dissolved	**901.1**	0.58 U	2.949	5.62	-0.65 U	1.625	2.85	0.374 U	1.6	2.74
Sodium-22, Particulate	**901.1**	0.01 U	0.496	0.85	-0.14 U	0.537	0.96	-0.16 U	1	1.91
Strontium-90, Dissolved	**905.0**	-0.65 U	0.601	1.35	0.62 U	0.571	1.15	0.13 U	0.37	0.696
Strontium-90, Particulate	**905.0**	0.3 U	0.56	1.17	0.94 U	0.637	1.26	-0.158 U	0.37	0.77
Tritium	**906.0**	0 U	147.336	251.56	0 U	146.01	249.29	124 U	180	295
Uranium-233/234, Dissolved	**908.0**	4.78	1.027	0.21	4.71 J	0.963	0.16	3.13	0.29	0.091
Uranium-233/234, Particulate	**908.0**	0.05 UJ	0.076	0.13	0.08 UJ	0.093	0.12	-0.013 U	0.018	0.059
Uranium-235, Dissolved	**908.0**	0.28 J	0.204	0.16	0.54 J	0.271	0.14	0.155 J	0.065	0.062
Uranium-235, Particulate	**908.0**	-0.03 UJ	0.024	0.21	0.04 UJ	0.082	0.17	-0.005 U	0.011	0.051
Uranium-238, Dissolved	**908.0**	3.33	0.791	0.13	6.2 J	1.186	0.16	2.64	0.26	0.072
Uranium-238, Particulate	**908.0**	0.07 UJ	0.088	0.14	0.04 UJ	0.066	0.12	0.013 U	0.018	0.042
Sum of dissolved isotopic uranium activity	**Calculated**	8.39	--	--	11.45	--	--	5.925	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	ND	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	NA	--	--	1.06	--	--	< 0	--	--
Adjusted particulate gross alpha	**Calculated**	NA	--	--	NA	--	--	2.06	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		**RD-85**	**RD-85**	**RD-85**	**RD-85**	**RD-85**	**RD-85**	**RD-86**	**RD-86**	**RD-86**
SampleType:		Primary	Primary	Primary	Field Duplicate	Field Duplicate	Field Duplicate	Primary	Primary	Primary
Sample Name:		RD-85_071411_01	RD-85_071411_01	RD-85_071411_01	RD-85_071411_36	RD-85_071411_36	RD-85_071411_36	RD-86_011411_01	RD-86_011411_01	RD-86_011411_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/14/2011	7/14/2011	7/14/2011	7/14/2011	7/14/2011	7/14/2011	1/14/2011	1/14/2011	1/14/2011
Analyte (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	3.75 U	4.914	9.28	-7.09 U	8.232	12.87	-1.64 U	4.5	7.77
Antimony-125, Particulate	**901.1**	-1.01 U	1.266	1.94	0.27 U	1.318	2.47	3.03 U	6.3	10.7
Barium-133, Dissolved	**901.1**	-1.63 U	2.443	3.86	-0.51 U	4.28	7.26	0.108 U	0.54	1.57
Barium-133, Particulate	**901.1**	0.72 U	0.483	0.9	2.17 J	1.55	1.16	-1.67 U	4.5	7.7
Cesium-134, Dissolved	**901.1**	-3.17 U	2.044	3.13	8.66 U	9.491	6.07	0.509 U	1.8	3.08
Cesium-134, Particulate	**901.1**	-0.53 U	0.449	0.72	-0.06 U	0.579	1.04	-0.469 U	2.7	4.8
Cesium-137, Dissolved	**901.1**	-2.51 U	2.488	3.93	0.66 U	4.025	7.19	-1.26 U	1.6	2.82
Cesium-137, Particulate	**901.1**	0.03 U	0.532	0.96	0.26 U	0.64	1.16	-0.259 U	3.5	6.1
Cobalt-60, Dissolved	**901.1**	-0.22 U	2.537	4.86	-2.04 U	3.859	6.83	-0.048 U	1.4	2.57
Cobalt-60, Particulate	**901.1**	0.39 U	0.643	1.34	-0.42 U	0.709	1.2	1.79 U	3.6	6.16
Europium-152, Dissolved	**901.1**	5.26 U	15.54	29.73	-11.37 U	28.54	51.67	-3.8 U	5.8	10
Europium-152, Particulate	**901.1**	2.36 U	2.81	6.74	3.15 U	3.756	8.49	-0.878 U	6.9	11.9
Europium-154, Dissolved	**901.1**	0.44 U	6.056	11.67	-7.9 U	10.59	17.82	-0.518 U	3.2	5.87
Europium-154, Particulate	**901.1**	-0.34 U	1.754	2.86	0.02 U	1.667	3.18	1.97 U	3.7	6.49
Europium-155, Dissolved	**901.1**	-0.59 U	3.318	5.6	-11.21 U	5.428	8.09	3.12 U	4.8	8.04
Europium-155, Particulate	**901.1**	-0.03 U	0.487	0.83	-0.36 U	0.822	1.32	1.99 U	3.2	5.45
Gross Alpha, Dissolved	**900.0**	9.81 J	4.24	4.52	9.92 J	3.78	3.66	2.07 J	1.2	1.91
Gross alpha, Particulate	**900.0**	-0.69 UJ	0.615	1.71	-0.43 UJ	0.553	1.5	1.89 J	0.75	0.86
Gross Beta, Dissolved	**900.0**	11.9	3.455	5.89	5.87 U	3.683	7.25	2.32 J	1.3	2.01
Gross beta, Particulate	**900.0**	-1.57 U	1.255	2.87	-1.37 U	1.323	2.98	2.26 J	1.4	2.13
Manganese-54, Dissolved	**901.1**	0.3 U	1.997	3.02	0.77 U	3.795	7.35	-0.045 U	1.2	2.03
Manganese-54, Particulate	**901.1**	-0.06 U	0.549	0.91	-0.07 U	0.547	1	0.828 U	2.2	3.84
Potassium-40, Dissolved	**901.1**	-12.12 U	26.06	50.64	27.36 U	37.85	72.3	-2.14 U	22	38
Potassium-40, Particulate	**901.1**	2.88 U	7.15	15.51	0.82 U	8.324	16.76	-7.64 U	19	35.7
Sodium-22, Dissolved	**901.1**	0.18 U	2.182	4.21	-2.88 U	3.801	6.38	-0.176 U	1.1	1.99
Sodium-22, Particulate	**901.1**	-0.11 U	0.633	1.04	0 U	0.598	1.14	0.668 U	1.3	2.2
Strontium-90, Dissolved	**905.0**	0.47 U	0.604	1.24	-0.3 U	0.692	1.52	0.056 U	0.42	0.804
Strontium-90, Particulate	**905.0**	0.15 U	0.611	1.29	0.44 U	0.62	1.28	-0.019 U	0.4	0.786
Tritium	**906.0**	178.45 U	139.171	231.7	0 U	135.669	232.06	76.8 U	180	297
Uranium-233/234, Dissolved	**908.0**	5.85 J	1.114	0.15	5.48	1.068	0.16	1.9	0.21	0.074
Uranium-233/234, Particulate	**908.0**	0.07 UJ	0.081	0.11	0.14 J	0.135	0.14	0.044 U	0.039	0.065
Uranium-235, Dissolved	**908.0**	0.2 J	0.156	0.13	0.43	0.237	0.16	0.158 J	0.059	0.045
Uranium-235, Particulate	**908.0**	-0.01 UJ	0.015	0.15	0.12 U	0.15	0.25	0.006 U	0.024	0.065
Uranium-238, Dissolved	**908.0**	4.71 J	0.943	0.15	4.75	0.956	0.14	1.8	0.2	0.06
Uranium-238, Particulate	**908.0**	0.05 UJ	0.07	0.11	0.07 U	0.104	0.18	0.039 U	0.029	0.047
Sum of dissolved isotopic uranium activity	**Calculated**	10.76	--	--	10.66	--	--	3.858	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	0.14	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	< 0	--	--	< 0	--	--	< 0	--	--
Adjusted particulate gross alpha	**Calculated**	NA	--	--	NA	--	--	1.89	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-86	RD-86	RD-86	RD-96	RD-96	RD-96	RD-96	RD-96	RD-96
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-86_071311_01	RD-86_071311_01	RD-86_071311_01	RD-96_011211_01	RD-96_011211_01	RD-96_011211_01	RD-96_071311_01	RD-96_071311_01	RD-96_071311_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/13/2011	7/13/2011	7/13/2011	1/12/2011	1/12/2011	1/12/2011	7/13/2011	7/13/2011	7/13/2011
Analyte (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	-2.68 U	5.165	8.27	-2.86 U	4.1	7.14	-3.16 U	9.506	15.85
Antimony-125, Particulate	**901.1**	0.54 U	0.947	1.84	0.222 U	5.4	9.38	0.14 U	1.207	2.23
Barium-133, Dissolved	**901.1**	-1.22 U	2.327	3.75	-1.86 U	2.6	4.44	-1.56 U	4.264	7.08
Barium-133, Particulate	**901.1**	-0.44 U	0.488	0.83	0.479 U	0.83	2.29	-0.42 U	0.609	0.94
Cesium-134, Dissolved	**901.1**	-0.17 U	2.139	3.58	-0.608 U	1.3	2.37	1.68 U	3.727	6.75
Cesium-134, Particulate	**901.1**	0.17 U	0.509	0.94	1.96 U	2.2	3.62	0.13 U	0.572	0.95
Cesium-137, Dissolved	**901.1**	-0.33 U	2.43	4.31	-1.41 U	1.4	2.58	-0.75 U	4.149	7.07
Cesium-137, Particulate	**901.1**	-0.23 U	0.538	0.89	0.893 U	1.9	3.17	0.13 U	0.671	1.17
Cobalt-60, Dissolved	**901.1**	0.15 U	2.52	4.95	0.223 U	0.9	1.6	0.78 U	3.868	7.75
Cobalt-60, Particulate	**901.1**	0.17 U	0.507	1.01	0.11 U	1.3	2.4	-0.75 U	0.744	1.33
Europium-152, Dissolved	**901.1**	-9.43 U	17.11	24.41	1.33 U	1.5	4.15	-12.53 U	25.79	46.11
Europium-152, Particulate	**901.1**	-2.46 U	3.692	5.94	-8.03 U	11	19.5	3.12 U	4.261	8.75
Europium-154, Dissolved	**901.1**	2.61 U	6.224	12.72	-1.2 U	2.5	4.79	3.12 U	11.11	22.71
Europium-154, Particulate	**901.1**	0 U	1.483	2.77	1.71 U	3.1	5.43	-1.68 U	1.878	2.87
Europium-155, Dissolved	**901.1**	-0.75 U	3.334	5.61	-1.57 U	3.8	6.6	-7.61 U	5.399	8.48
Europium-155, Particulate	**901.1**	-0.77 U	0.651	0.98	0.966 U	4.6	7.95	0.39 U	0.67	1.18
Gross Alpha, Dissolved	**900.0**	3.28 U	3.965	7.98	7.54	2.1	2.06	5.88	1.756	0.41
Gross alpha, Particulate	**900.0**	0.26 U	0.222	0.36	3.08	1.1	1.12	0.1 U	0.213	0.47
Gross Beta, Dissolved	**900.0**	5.73 U	4.824	9.69	7.38	2.5	3.77	6.96	2.463	4.4
Gross beta, Particulate	**900.0**	2.3	0.79	1.44	1.01 U	2	3.23	0.9 U	0.674	1.34
Manganese-54, Dissolved	**901.1**	-0.75 U	2.047	3.69	-0.414 U	1.1	1.97	-1.97 U	4.208	6.45
Manganese-54, Particulate	**901.1**	0.09 U	0.438	0.83	-0.74 U	1.5	2.72	0.16 U	0.597	1.01
Potassium-40, Dissolved	**901.1**	2.79 U	29.75	60.49	3.91 U	20	34	-10.64 U	45.71	84.35
Potassium-40, Particulate	**901.1**	12.72 J	7.699	9.8	-14.6 U	21	38.6	8.3 U	9.024	18.7
Sodium-22, Dissolved	**901.1**	0.92 U	2.232	4.56	-0.404 U	0.85	1.62	0.93 U	3.954	8.04
Sodium-22, Particulate	**901.1**	0.01 U	0.534	1	0.579 U	1.1	1.83	-0.6 U	0.675	1.04
Strontium-90, Dissolved	**905.0**	1.04 U	0.613	1.2	0.011 U	0.32	0.634	0.62 U	0.52	1.04
Strontium-90, Particulate	**905.0**	0.52 U	0.601	1.23	0.006 U	0.3	0.593	-0.44 U	0.57	1.27
Tritium	**906.0**	176.12 U	137.358	228.68	-134 U	190	334	175.57 U	136.927	227.97
Uranium-233/234, Dissolved	**908.0**	2.98	0.847	0.26	5.8	0.36	0.067	5.12 J	0.961	0.13
Uranium-233/234, Particulate	**908.0**	0.16 J	0.127	0.13	0.043 U	0.029	0.045	0.1 U	0.126	0.16
Uranium-235, Dissolved	**908.0**	0.09 U	0.142	0.23	0.224 J	0.067	0.046	0.57 J	0.256	0.14
Uranium-235, Particulate	**908.0**	0.07 U	0.102	0.17	0 U	0.018	0.042	0.05 U	0.13	0.31
Uranium-238, Dissolved	**908.0**	2.25	0.705	0.26	5.81	0.36	0.057	4.65 J	0.892	0.12
Uranium-238, Particulate	**908.0**	0.06 U	0.082	0.13	0.018 U	0.014	0.028	0.02 U	0.075	0.21
Sum of dissolved isotopic uranium activity	**Calculated**	5.23	--	--	11.834	--	--	10.34	--	--
Sum of particulate isotopic uranium activity	**Calculated**	0.16	--	--	ND	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	NA	--	--	< 0	--	--	< 0	--	--
Adjusted particulate gross alpha	**Calculated**	NA	--	--	3.08	--	--	NA	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-98	RD-98	RD-98	RD-98	RD-98	RD-98	RD-98	RD-98	RD-98
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-98_011311_01	RD-98_011311_01	RD-98_011311_01	RD-98_041211_01	RD-98_041211_01	RD-98_041211_01	RD-98_071211_01	RD-98_071211_01	RD-98_071211_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/13/2011	1/13/2011	1/13/2011	4/12/2011	4/12/2011	4/12/2011	7/12/2011	7/12/2011	7/12/2011
Analyte (pCi/L)	**Method**	Activity	Error	MDA	Activity	Error	MDA	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	-3.49 U	9.4	16.4	-1.1 U	4.2	7.31	2.95 U	5.264	9.63
Antimony-125, Particulate	**901.1**	1.84 U	4	6.85	1.69 U	5.5	9.39	-0.06 U	0.847	1.56
Barium-133, Dissolved	**901.1**	-3.4 U	4.4	7.58	-1.62 U	2.2	3.8	-1.77 U	2.687	4.25
Barium-133, Particulate	**901.1**	3.63 U	4.4	7.33	-1.41 U	3.3	5.7	0.08 U	0.413	0.77
Cesium-134, Dissolved	**901.1**	-0.462 U	2.4	4.25	-0.138 U	1.9	3.37	-2.6 U	2.026	3.24
Cesium-134, Particulate	**901.1**	0.59 U	1.5	2.57	-0.247 U	2.2	3.84	-0.2 U	0.371	0.64
Cesium-137, Dissolved	**901.1**	1.14 U	2.9	4.92	0.343 U	1.3	2.19	-0.78 U	2.548	4.08
Cesium-137, Particulate	**901.1**	-0.459 U	2.1	3.75	-0.288 U	1.4	2.57	0.24 U	0.462	0.84
Cobalt-60, Dissolved	**901.1**	-2.19 U	3.2	5.84	-1.01 U	1.8	3.31	0.19 U	2.607	5.09
Cobalt-60, Particulate	**901.1**	1.54 U	1.7	2.78	-0.725 U	1.3	2.42	-0.31 U	0.445	0.75
Europium-152, Dissolved	**901.1**	-6.05 U	8.8	15.4	-0.752 U	4.8	8.36	6.65 U	18.81	34.56
Europium-152, Particulate	**901.1**	-2.02 U	6.4	11.1	0.72 U	4.1	7.17	-0.66 U	2.96	5.37
Europium-154, Dissolved	**901.1**	-3.1 U	6.2	11.8	-2.83 U	4.9	8.9	-3.12 U	5.201	8.49
Europium-154, Particulate	**901.1**	-0.635 U	4.2	7.59	-1.25 U	3.4	6.38	2.57 U	2.066	3.17
Europium-155, Dissolved	**901.1**	-8.62 U	9	15.7	-0.274 U	3.5	5.93	0.35 U	3.496	6
Europium-155, Particulate	**901.1**	-3.02 U	4.7	8.15	-4.65 U	6.4	11.1	-0.4 U	0.614	0.91
Gross Alpha, Dissolved	**900.0**	4	1.7	1.63	3.24 J	1.5	1.42	7.61 J	2.469	2.81
Gross alpha, Particulate	**900.0**	-0.16 U	0.65	1.26	0.771 J	0.46	0.566	0.74 J	0.304	0.1
Gross Beta, Dissolved	**900.0**	113	4.2	3.19	246	4.6	2.06	218.5	6.054	3.08
Gross beta, Particulate	**900.0**	-0.867 U	2	3.44	0.679 U	1.1	1.78	3.85	0.848	1.42
Manganese-54, Dissolved	**901.1**	-0.85 U	2.2	4.06	-0.938 U	1.8	3.24	0.76 U	2.083	4.14
Manganese-54, Particulate	**901.1**	0.416 U	1.2	2.04	-0.576 U	1.4	2.6	-0.14 U	0.415	0.73
Potassium-40, Dissolved	**901.1**	21.8 U	39	67	19.8 U	20	34.2	-10.75 U	25.91	49.8
Potassium-40, Particulate	**901.1**	-23.4 U	25	45.4	13.6 U	19	31.4	-0.82 U	6.249	11.98
Sodium-22, Dissolved	**901.1**	-1.05 U	2.1	3.98	-0.953 U	1.6	3	-1.1 U	1.873	3.07
Sodium-22, Particulate	**901.1**	-0.214 U	1.4	2.56	-0.422 U	1.1	2.15	0.92 J	0.742	0.82
Strontium-90, Dissolved	**905.0**	64.2	2.4	0.802	142	3.4	0.804	116.02	2.832	1.2
Strontium-90, Particulate	**905.0**	0.224 U	0.41	0.749	-0.025 U	0.31	0.613	1.04 U	0.59	1.13
Tritium	**906.0**	0 U	170	292	-115 U	110	184	187.76 U	153.951	256.73
Uranium-233/234, Dissolved	**908.0**	6.75	0.55	0.111	4.12	0.3	0.069	6.22	1.307	0.18
Uranium-233/234, Particulate	**908.0**	0.008 U	0.033	0.079	0.006 U	0.035	0.077	0.1 U	0.144	0.26
Uranium-235, Dissolved	**908.0**	0.27 J	0.11	0.071	0.247 J	0.072	0.049	0.26 J	0.204	0.23
Uranium-235, Particulate	**908.0**	0.01 U	0.02	0.076	-0.007 U	0.014	0.067	-0.02 U	0.026	0.26
Uranium-238, Dissolved	**908.0**	2.89	0.33	0.095	1.35	0.16	0.065	2.74	0.712	0.21
Uranium-238, Particulate	**908.0**	0.008 U	0.016	0.063	0.006 U	0.023	0.055	0.06 U	0.1	0.16
Sum of dissolved isotopic uranium activity	**Calculated**	9.91	--	--	5.717	--	--	9.22	--	--
Sum of particulate isotopic uranium activity	**Calculated**	ND	--	--	ND	--	--	ND	--	--
Adjusted dissolved gross alpha	**Calculated**	< 0	--	--	< 0	--	--	< 0	--	--
Adjusted particulate gross alpha	**Calculated**	NA	--	--	0.771	--	--	0.74	--	--

TABLE 18
RADIOCHEMISTRY ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		**RS-18**	**RS-18**	**RS-18**
SampleType:		Primary	Primary	Primary
Sample Name:		RS-18_071411_01	RS-18_071411_01	RS-18_071411_01
Groundwater Unit:		Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/14/2011	7/14/2011	7/14/2011
Analyte (pCi/L)	**Method**	Activity	Error	MDA
Antimony-125, Dissolved	**901.1**	-4.74 U	4.72	7.92
Antimony-125, Particulate	**901.1**	-0.59 U	0.953	1.66
Barium-133, Dissolved	**901.1**	-4.19 U	2.717	3.76
Barium-133, Particulate	**901.1**	-0.36 U	0.45	0.77
Cesium-134, Dissolved	**901.1**	-3.24 U	2.14	3.32
Cesium-134, Particulate	**901.1**	-0.35 U	0.48	0.71
Cesium-137, Dissolved	**901.1**	-2.49 U	2.649	4.01
Cesium-137, Particulate	**901.1**	0.08 U	0.483	0.86
Cobalt-60, Dissolved	**901.1**	-2.17 U	2.027	3.83
Cobalt-60, Particulate	**901.1**	0.09 U	0.522	1.01
Europium-152, Dissolved	**901.1**	-3.14 U	10.1	15.63
Europium-152, Particulate	**901.1**	0.28 U	3.064	5.98
Europium-154, Dissolved	**901.1**	2.63 U	5.053	10.27
Europium-154, Particulate	**901.1**	-0.02 U	1.572	2.77
Europium-155, Dissolved	**901.1**	3.53 U	3.772	6.69
Europium-155, Particulate	**901.1**	-0.48 U	0.609	0.95
Gross Alpha, Dissolved	**900.0**	14.04 J	3.971	0.88
Gross alpha, Particulate	**900.0**	0.99 UJ	0.675	1.12
Gross Beta, Dissolved	**900.0**	1.97 U	2.507	5.05
Gross beta, Particulate	**900.0**	4 J	1.527	2.83
Manganese-54, Dissolved	**901.1**	0.75 U	2.021	3.82
Manganese-54, Particulate	**901.1**	0.18 U	0.438	0.84
Potassium-40, Dissolved	**901.1**	21.05 U	28.63	31.99
Potassium-40, Particulate	**901.1**	-3.26 U	6.949	12.62
Sodium-22, Dissolved	**901.1**	0.96 U	1.819	3.7
Sodium-22, Particulate	**901.1**	-0.01 U	0.565	1
Strontium-90, Dissolved	**905.0**	0.68 U	0.591	1.19
Strontium-90, Particulate	**905.0**	0.69 U	0.492	0.97
Tritium	**906.0**	174.8 U	136.324	226.96
Uranium-233/234, Dissolved	**908.0**	9.06 J	1.627	0.19
Uranium-233/234, Particulate	**908.0**	0.21 J	0.142	0.13
Uranium-235, Dissolved	**908.0**	0.75 J	0.326	0.14
Uranium-235, Particulate	**908.0**	-0.01 UJ	0.059	0.21
Uranium-238, Dissolved	**908.0**	8.28 J	1.51	0.12
Uranium-238, Particulate	**908.0**	0.12 UJ	0.109	0.14
Sum of dissolved isotopic uranium activity	**Calculated**	18.09	--	--
Sum of particulate isotopic uranium activity	**Calculated**	0.21	--	--
Adjusted dissolved gross alpha	**Calculated**	< 0	--	--
Adjusted particulate gross alpha	**Calculated**	NA	--	--

NOTES AND ABBREVIATIONS

Chatsworth - Chatsworth Formation groundwater unit
Shallow - Near-surface groundwater unit

pCi/L - picocuries per liter
-- Not available
MDA - minimum detectable activity
NA - not applicable
ND - not detected

J - Result is estimated
U - Not detected above the minimum detectable activity (MDA) or required detection limit (RDL)
UJ - The result is not detected; the RL/MDL is estimated, however

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		ES-17	ES-17	ES-26	ES-26	ES-26	ES-26
SampleType:		Primary	Primary	Primary	Field Duplicate	Primary	Field Duplicate
Sample Name:		ES-17_012711_01	ES-17_042511_01	ES-26_011811_01	ES-26_011811_36	ES-26_042611_01	ES-26_042611_36
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/27/2011	4/25/2011	1/18/2011	1/18/2011	4/26/2011	4/26/2011
Analyte (mg/L)	**Method**						
Aluminum,Dissolved	**6010B**	--	--	--	--	--	--
Antimony	**6020**	--	0.00016 J	--	--	--	--
Antimony,Dissolved	**6010B**	--	--	--	--	--	--
Antimony,Dissolved	**6020**	--	0.00018 J	--	--	--	--
Arsenic	**6020**	--	0.0013 J	--	--	--	--
Arsenic,Dissolved	**6020**	--	0.0016 J	--	--	--	--
Barium	**6020**	--	0.022	--	--	--	--
Barium,Dissolved	**6020**	--	0.023	--	--	--	--
Beryllium	**6020**	--	0.00008 U	--	--	--	--
Beryllium,Dissolved	**6020**	--	0.00008 U	--	--	--	--
Boron,Dissolved	**6010B**	--	--	--	--	--	--
Cadmium	**6020**	--	0.00004 U	--	--	--	--
Cadmium,Dissolved	**6020**	--	0.00004 U	--	--	--	--
Calcium	**6010B**	56	69	140	140	150	150
Calcium,Dissolved	**6010B**	57	70	140	140	150	160
Chromium	**6020**	--	0.0005 U	--	--	--	--
Chromium,Dissolved	**6020**	--	0.0005 U	--	--	--	--
Cobalt	**6020**	--	0.00017 J	--	--	--	--
Cobalt,Dissolved	**6020**	--	0.00019 J	--	--	--	--
Copper	**6020**	--	0.0018 J	--	--	--	--
Copper,Dissolved	**6020**	--	0.002	--	--	--	--
HexavalentChromium	**7196A**	--	--	--	--	--	--
HexavalentChromium,Dissolved	**7196A**	--	--	--	--	--	--
Iron	**6010B**	0.022 U	0.022 U	0.15	0.15	0.022 J	0.022 U
Iron,Dissolved	**6010B**	0.022 U	0.022 U	0.12	0.12	0.022 U	0.022 U
Lead	**6020**	--	0.00018 U	--	--	--	--
Lead,Dissolved	**6020**	--	0.00018 U	--	--	--	--
Magnesium	**6010B**	8.6	11	16	16	17	17
Magnesium,Dissolved	**6010B**	9	12	16	16	18	18
Manganese	**6010B**	0.00062 J	0.00056 U	0.13	0.13	0.6	0.61
Manganese,Dissolved	**6010B**	0.00025 U	0.00054 J	0.13	0.13	0.6	0.61
Manganese,Dissolved	**6020**	--	--	--	--	--	--
Mercury	**7470A**	--	0.000027 U	--	--	--	--
Mercury,Dissolved	**7470A**	--	0.000027 U	--	--	--	--
Molybdenum,Dissolved	**6020**	--	--	--	--	--	--
Nickel	**6020**	--	0.0015 J	--	--	--	--
Nickel,Dissolved	**6020**	--	0.0015 J	--	--	--	--
Potassium	**6010B**	0.92 J	0.93 J	1.9 J	1.9 J	2.5 J	2.6 J
Potassium,Dissolved	**6010B**	0.9 J	0.94 J	1.9 J	1.9 J	2.5 J	2.6 J
Selenium	**6020**	--	0.0024 J	--	--	--	--
Selenium,Dissolved	**6020**	--	0.0032 J	--	--	--	--
Silver	**6020**	--	0.000015 U	--	--	--	--
Silver,Dissolved	**6020**	--	0.000015 U	--	--	--	--
Sodium	**6010B**	87	82	91	92	98	95
Sodium,Dissolved	**6010B**	89	83	90	92	97	99
Strontium	**6010B**	0.33	0.37	0.78	0.78	0.81	0.82
Strontium,Dissolved	**6010B**	0.33	0.38	0.76	0.78	0.83	0.84
Thallium	**6020**	--	0.00002 U	--	--	--	--
Thallium,Dissolved	**6020**	--	0.00002 U	--	--	--	--
Tin	**6020**	--	0.00089 J	--	--	--	--
Tin,Dissolved	**6020**	--	0.0008 U	--	--	--	--
Vanadium	**6020**	--	0.0032 J	--	--	--	--
Vanadium,Dissolved	**6020**	--	0.0034 J	--	--	--	--
Zinc	**6010B**	0.031	--	0.13	0.13	0.097	0.099
Zinc	**6020**	--	0.039	--	--	--	--
Zinc,Dissolved	**6010B**	0.032	--	0.12	0.12	0.077	0.078
Zinc,Dissolved	**6020**	--	0.045	--	--	--	--

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		ES-27	HAR-01	HAR-02	HAR-03	HAR-04
SampleType:		Primary	Primary	Primary	Primary	Primary
Sample Name:		ES-27_042511_01	HAR-01_042011_01	HAR-02_042211_01	HAR-03_042011_01	HAR-04_042011_01
Groundwater Unit:		Shallow	Chatsworth	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/25/2011	4/20/2011	4/22/2011	4/20/2011	4/20/2011
Analyte (mg/L)	**Method**					
Aluminum,Dissolved	**6010B**	--	--	--	--	--
Antimony	**6020**	0.00012 J	0.00007 U	0.00017 J	0.000098 J	0.00007 U
Antimony,Dissolved	**6010B**	--	--	--	--	--
Antimony,Dissolved	**6020**	0.00012 J	0.00007 J	0.00015 J	0.00014 J	0.000081 J
Arsenic	**6020**	0.00079 J	0.0011 J	0.00067 J	0.00021 U	0.00041 J
Arsenic,Dissolved	**6020**	0.00091 J	0.001 J	0.00073 J	0.00021 U	0.00043 J
Barium	**6020**	0.037	0.038	0.038	0.019	0.027
Barium,Dissolved	**6020**	0.037	0.036	0.038	0.017	0.026
Beryllium	**6020**	0.00008 U	0.00008 U	0.00008 U	0.00008 U	0.00008 U
Beryllium,Dissolved	**6020**	0.00008 U	0.00008 U	0.00008 U	0.00008 U	0.00008 U
Boron,Dissolved	**6010B**	--	--	--	--	--
Cadmium	**6020**	0.00004 U	0.00016 J	0.00013 J	0.00004 U	0.00004 U
Cadmium,Dissolved	**6020**	0.000042 J	0.00018 J	0.00017 J	0.00004 U	0.00004 U
Calcium	**6010B**	--	--	66	--	--
Calcium,Dissolved	**6010B**	--	--	66	--	--
Chromium	**6020**	0.0012 J	0.0026 J	0.0005 U	0.0005 U	0.0005 U
Chromium,Dissolved	**6020**	0.0012 J	0.0023 J	0.0005 U	0.0005 U	0.0005 U
Cobalt	**6020**	0.00065 J	0.000049 J	0.00024 J	0.000046 J	0.00005 J
Cobalt,Dissolved	**6020**	0.00061 J	0.000059 J	0.0002 J	0.000049 J	0.000036 J
Copper	**6020**	0.00056 U	0.00056 U	0.00093 J	0.00056 U	0.00056 U
Copper,Dissolved	**6020**	0.00056 U	0.00056 U	0.00091 J	0.00056 U	0.00056 U
HexavalentChromium	**7196A**	--	--	--	--	--
HexavalentChromium,Dissolved	**7196A**	--	--	--	--	--
Iron	**6010B**	--	--	0.14 U	--	--
Iron,Dissolved	**6010B**	--	--	0.022 U	--	--
Lead	**6020**	0.00018 U	0.00018 U	0.0002 J	0.00018 U	0.00018 U
Lead,Dissolved	**6020**	0.00018 U	0.00018 U	0.00018 U	0.00018 U	0.00018 U
Magnesium	**6010B**	--	--	19	--	--
Magnesium,Dissolved	**6010B**	--	--	20	--	--
Manganese	**6010B**	--	--	0.01	--	--
Manganese,Dissolved	**6010B**	--	--	0.0084 J	--	--
Manganese,Dissolved	**6020**	--	--	--	--	--
Mercury	**7470A**	0.000027 U	0.000027 UJ	0.000027 UJ	0.000027 UJ	0.000027 UJ
Mercury,Dissolved	**7470A**	0.000027 U	0.000027 U	0.000027 U	0.000027 U	0.000027 U
Molybdenum,Dissolved	**6020**	--	--	--	--	--
Nickel	**6020**	0.0081	0.002	0.004	0.00056 J	0.00061 J
Nickel,Dissolved	**6020**	0.0079	0.0018 J	0.0022	0.00067 J	0.00044 J
Potassium	**6010B**	--	--	0.9 J	--	--
Potassium,Dissolved	**6010B**	--	--	0.89 J	--	--
Selenium	**6020**	0.001 J	0.0074	0.0045 J	0.0007 U	0.0007 U
Selenium,Dissolved	**6020**	0.0017 J	0.0093	0.0054	0.0007 U	0.0007 U
Silver	**6020**	0.000015 U	0.000015 U	0.00002 J	0.00002 J	0.000015 U
Silver,Dissolved	**6020**	0.000015 U	0.000015 U	0.000015 U	0.000019 J	0.000015 U
Sodium	**6010B**	--	--	37	--	--
Sodium,Dissolved	**6010B**	--	--	38	--	--
Strontium	**6010B**	--	--	0.39	--	--
Strontium,Dissolved	**6010B**	--	--	0.4	--	--
Thallium	**6020**	0.00002 U	0.00002 U	0.00002 U	0.000029 J	0.00002 U
Thallium,Dissolved	**6020**	0.00002 U	0.00002 U	0.00002 U	0.000021 J	0.00002 U
Tin	**6020**	0.00017 U	0.00017 U	0.00036 U	0.00045 U	0.00017 U
Tin,Dissolved	**6020**	0.001 U	0.0017 U	0.00052 U	0.002 U	0.0018 U
Vanadium	**6020**	0.0017 J	0.0045 J	0.0011 J	0.00035 J	0.00092 J
Vanadium,Dissolved	**6020**	0.0016 J	0.0042 J	0.0009 J	0.00028 J	0.00075 J
Zinc	**6010B**	--	--	--	--	--
Zinc	**6020**	0.022	0.21	0.01 J	0.002 U	0.002 U
Zinc,Dissolved	**6010B**	--	--	--	--	--
Zinc,Dissolved	**6020**	0.023	0.21	0.012 J	0.002 U	0.002 U

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-04	HAR-07	HAR-07	HAR-08	HAR-09
SampleType:		Split	Primary	Field Duplicate	Primary	Primary
Sample Name:		HAR-04_042011_03	HAR-07_041211_01	HAR-07_041211_36	HAR-08_041911_01	HAR-09_012611_01
Groundwater Unit:		Shallow	Chatsworth	Chatsworth	Chatsworth	Shallow
Lab Name:		TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/20/2011	4/12/2011	4/12/2011	4/19/2011	1/26/2011
Analyte (mg/L)	**Method**					
Aluminum,Dissolved	**6010B**	--	--	--	--	--
Antimony	**6020**	0.0003 U	0.000084 J	0.00007 U	0.00007 U	--
Antimony,Dissolved	**6010B**	--	--	--	--	--
Antimony,Dissolved	**6020**	0.0003 U	0.00007 U	0.000071 J	0.00007 U	--
Arsenic	**6020**	0.0009 U	0.00039 J	0.00037 J	0.00071 J	--
Arsenic,Dissolved	**6020**	0.0009 U	0.00038 J	0.00036 J	0.00068 J	--
Barium	**6020**	0.025	0.017	0.017	0.07	--
Barium,Dissolved	**6020**	0.028	0.016	0.016	0.066	--
Beryllium	**6020**	0.0001 U	0.00008 U	0.00008 U	0.00008 U	--
Beryllium,Dissolved	**6020**	0.0001 U	0.00008 U	0.00008 U	0.00008 U	--
Boron,Dissolved	**6010B**	--	--	--	--	--
Cadmium	**6020**	0.0001 U	0.00004 U	0.00004 U	0.00004 U	--
Cadmium,Dissolved	**6020**	0.0001 U	0.00004 U	0.00004 U	0.00004 U	--
Calcium	**6010B**	--	--	--	--	190
Calcium,Dissolved	**6010B**	--	--	--	--	180
Chromium	**6020**	0.00099 J	0.0005 U	0.0005 U	0.0005 U	--
Chromium,Dissolved	**6020**	0.0009 U	0.0005 U	0.0005 U	0.0005 U	--
Cobalt	**6020**	0.0001 U	0.00015 J	0.00012 J	0.00031 J	--
Cobalt,Dissolved	**6020**	0.0001 U	0.000095 J	0.00011 J	0.00027 J	--
Copper	**6020**	0.0005 U	0.00061 J	0.00065 J	0.00056 U	--
Copper,Dissolved	**6020**	0.00067 J	0.00056 U	0.00056 U	0.00056 U	--
HexavalentChromium	**7196A**	--	--	--	--	--
HexavalentChromium,Dissolved	**7196A**	--	--	--	--	--
Iron	**6010B**	--	--	--	--	11
Iron,Dissolved	**6010B**	--	--	--	--	0.031 J
Lead	**6020**	0.0002 U	0.00018 U	0.00018 U	0.00018 U	--
Lead,Dissolved	**6020**	0.0002 U	0.00018 U	0.00018 U	0.00018 U	--
Magnesium	**6010B**	--	--	--	--	83
Magnesium,Dissolved	**6010B**	--	--	--	--	80
Manganese	**6010B**	--	--	--	--	1.1
Manganese,Dissolved	**6010B**	--	--	--	--	1
Manganese,Dissolved	**6020**	--	--	--	--	--
Mercury	**7470A**	0.0001 U	0.000027 U	0.000027 U	0.000027 UJ	--
Mercury,Dissolved	**7470A**	0.0001 U	0.000027 U	0.000027 U	0.000027 U	--
Molybdenum,Dissolved	**6020**	--	--	--	--	--
Nickel	**6020**	0.0005 U	0.0019 J	0.0018 J	0.0023	--
Nickel,Dissolved	**6020**	0.0005 U	0.0014 J	0.0015 J	0.002	--
Potassium	**6010B**	--	--	--	--	10
Potassium,Dissolved	**6010B**	--	--	--	--	10
Selenium	**6020**	0.0005 U	0.0007 U	0.0007 U	0.0007 U	--
Selenium,Dissolved	**6020**	0.0005 U	0.0007 U	0.0007 U	0.0007 U	--
Silver	**6020**	0.0001 U	0.000015 U	0.000015 U	0.000015 U	--
Silver,Dissolved	**6020**	0.0001 U	0.000015 U	0.000015 U	0.000015 U	--
Sodium	**6010B**	--	--	--	--	78
Sodium,Dissolved	**6010B**	--	--	--	--	79
Strontium	**6010B**	--	--	--	--	0.65
Strontium,Dissolved	**6010B**	--	--	--	--	0.62
Thallium	**6020**	0.0002 U	0.00002 U	0.00002 U	0.00002 U	--
Thallium,Dissolved	**6020**	0.0002 U	0.00002 U	0.00002 U	0.00002 U	--
Tin	**6020**	0.005 U	0.0002 U	0.00017 U	0.00017 U	--
Tin,Dissolved	**6020**	0.005 U	0.00017 U	0.00017 U	0.0017 U	--
Vanadium	**6020**	0.0008 U	0.00027 J	0.00028 J	0.00018 J	--
Vanadium,Dissolved	**6020**	0.00083 J	0.00022 J	0.00021 J	0.00014 U	--
Zinc	**6010B**	--	--	--	--	0.0045 U
Zinc	**6020**	0.004 U	0.032	0.032	0.22	--
Zinc,Dissolved	**6010B**	--	--	--	--	0.0045 U
Zinc,Dissolved	**6020**	0.004 U	0.033	0.035	0.22	--

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-09	HAR-11	HAR-12	HAR-12	HAR-13
SampleType:		Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-09_041411_01	HAR-11_041411_01	HAR-12_011811_01	HAR-12_041511_01	HAR-13_011811_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/14/2011	4/14/2011	1/18/2011	4/15/2011	1/18/2011
Analyte (mg/L)	**Method**					
Aluminum,Dissolved	**6010B**	--	--	--	--	--
Antimony	**6020**	0.00013 J	0.00016 J	--	0.00007 J	--
Antimony,Dissolved	**6010B**	--	--	--	--	--
Antimony,Dissolved	**6020**	0.00018 U	0.0002 U	--	0.00007 U	--
Arsenic	**6020**	0.016	0.0016 J	--	0.00043 J	--
Arsenic,Dissolved	**6020**	0.014	0.0016 J	--	0.00048 J	--
Barium	**6020**	0.039	0.042	--	0.037	--
Barium,Dissolved	**6020**	0.036	0.04	--	0.035	--
Beryllium	**6020**	0.00008 U	0.00008 U	--	0.00008 U	--
Beryllium,Dissolved	**6020**	0.00008 U	0.00008 U	--	0.00008 U	--
Boron,Dissolved	**6010B**	--	--	--	--	--
Cadmium	**6020**	0.00015 J	0.000089 J	--	0.00004 U	--
Cadmium,Dissolved	**6020**	0.00004 U	0.000074 J	--	0.00004 U	--
Calcium	**6010B**	170	--	72	75	20
Calcium,Dissolved	**6010B**	170	--	70	77 J	19
Chromium	**6020**	0.0005 U	0.0005 U	--	0.0005 U	--
Chromium,Dissolved	**6020**	0.0005 U	0.0005 U	--	0.0005 U	--
Cobalt	**6020**	0.00025 J	0.00034 J	--	0.0001 J	--
Cobalt,Dissolved	**6020**	0.00023 J	0.00032 J	--	0.000091 J	--
Copper	**6020**	0.00056 U	0.0013 J	--	0.00056 U	--
Copper,Dissolved	**6020**	0.00056 U	0.0011 J	--	0.00056 U	--
HexavalentChromium	**7196A**	--	--	--	--	--
HexavalentChromium,Dissolved	**7196A**	--	--	--	--	--
Iron	**6010B**	5.9	--	0.022 U	0.022 U	13
Iron,Dissolved	**6010B**	5.2	--	0.11	0.022 U	0.026 J
Lead	**6020**	0.00018 U	0.00018 U	--	0.00018 U	--
Lead,Dissolved	**6020**	0.00018 U	0.00018 U	--	0.00018 U	--
Magnesium	**6010B**	72	--	25	26	8.3
Magnesium,Dissolved	**6010B**	71	--	24	26	6.7
Manganese	**6010B**	0.86	--	0.00073 J	0.0011 U	0.025
Manganese,Dissolved	**6010B**	0.79	--	0.00068 J	0.00025 U	0.00025 J
Manganese,Dissolved	**6020**	--	--	--	--	--
Mercury	**7470A**	0.000027 U	0.000027 U	--	0.000027 U	--
Mercury,Dissolved	**7470A**	0.000027 U	0.000027 U	--	0.000027 U	--
Molybdenum,Dissolved	**6020**	--	--	--	--	--
Nickel	**6020**	0.0021	0.0032	--	0.0011 J	--
Nickel,Dissolved	**6020**	0.0019 J	0.003	--	0.00092 J	--
Potassium	**6010B**	9.2	--	2.7 J	2.7 J	1.3 J
Potassium,Dissolved	**6010B**	8.9	--	2.6 J	2.8 J	0.8 J
Selenium	**6020**	0.0007 U	0.0007 U	--	0.0031 J	--
Selenium,Dissolved	**6020**	0.0007 U	0.0007 U	--	0.0033 J	--
Silver	**6020**	0.000018 J	0.000015 U	--	0.000015 U	--
Silver,Dissolved	**6020**	0.000025 J	0.000015 U	--	0.000015 U	--
Sodium	**6010B**	78	--	44	48	32
Sodium,Dissolved	**6010B**	75	--	43	48	33
Strontium	**6010B**	0.63	--	0.26	0.28	0.1
Strontium,Dissolved	**6010B**	0.59	--	0.25	0.29	0.092
Thallium	**6020**	0.00002 U	0.00002 U	--	0.00002 U	--
Thallium,Dissolved	**6020**	0.000027 U	0.00002 U	--	0.00002 U	--
Tin	**6020**	0.0004 U	0.00024 U	--	0.00023 U	--
Tin,Dissolved	**6020**	0.00044 U	0.00047 U	--	0.00017 U	--
Vanadium	**6020**	0.00069 J	0.00052 J	--	0.0012 J	--
Vanadium,Dissolved	**6020**	0.0008 J	0.00046 J	--	0.0012 J	--
Zinc	**6010B**	--	--	0.0045 U	--	0.019 J
Zinc	**6020**	0.002 U	0.0044 J	--	0.002 U	--
Zinc,Dissolved	**6010B**	--	--	0.0045 U	--	0.0045 U
Zinc,Dissolved	**6020**	0.0023 J	0.0054 J	--	0.002 U	--

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-13	HAR-14	HAR-14	HAR-15	HAR-16
SampleType:		Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-13_041911_01	HAR-14_011811_01	HAR-14_041511_01	HAR-15_041411_01	HAR-16_012511_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/19/2011	1/18/2011	4/15/2011	4/14/2011	1/25/2011
Analyte (mg/L)	**Method**					
Aluminum,Dissolved	**6010B**	--	--	--	--	--
Antimony	**6020**	--	--	0.00024 J	0.00021 J	--
Antimony,Dissolved	**6010B**	--	--	--	--	--
Antimony,Dissolved	**6020**	--	--	0.00031 J	0.00024 U	--
Arsenic	**6020**	--	--	0.0013 J	0.018	--
Arsenic,Dissolved	**6020**	--	--	0.0013 J	0.018	--
Barium	**6020**	--	--	0.028	0.043	--
Barium,Dissolved	**6020**	--	--	0.028	0.042	--
Beryllium	**6020**	--	--	0.00008 U	0.00008 U	--
Beryllium,Dissolved	**6020**	--	--	0.00008 U	0.00008 U	--
Boron,Dissolved	**6010B**	--	--	--	--	--
Cadmium	**6020**	--	--	0.00004 U	0.000045 J	--
Cadmium,Dissolved	**6020**	--	--	0.000045 J	0.00004 U	--
Calcium	**6010B**	7.6	62	51	--	33
Calcium,Dissolved	**6010B**	6.2	60	52 J	--	34
Chromium	**6020**	--	--	0.0005 U	0.001 J	--
Chromium,Dissolved	**6020**	--	--	0.0005 U	0.00064 J	--
Cobalt	**6020**	--	--	0.0013	0.0013	--
Cobalt,Dissolved	**6020**	--	--	0.0011	0.0012	--
Copper	**6020**	--	--	0.0016 J	0.00086 J	--
Copper,Dissolved	**6020**	--	--	0.0016 J	0.00056 U	--
HexavalentChromium	**7196A**	--	--	--	--	--
HexavalentChromium,Dissolved	**7196A**	--	--	--	--	--
Iron	**6010B**	14	0.04 J	0.15	--	0.022 U
Iron,Dissolved	**6010B**	0.088 J	0.022 U	0.022 U	--	0.022 U
Lead	**6020**	--	--	0.00018 U	0.00033 J	--
Lead,Dissolved	**6020**	--	--	0.00018 U	0.00018 U	--
Magnesium	**6010B**	5	21	17	--	6.9
Magnesium,Dissolved	**6010B**	3 J	20	17	--	7.3
Manganese	**6010B**	0.03	0.00083 J	0.0056 U	--	0.00049 J
Manganese,Dissolved	**6010B**	0.00043 J	0.00025 U	0.00038 J	--	0.00025 U
Manganese,Dissolved	**6020**	--	--	--	--	--
Mercury	**7470A**	--	--	0.000027 U	0.000027 U	--
Mercury,Dissolved	**7470A**	--	--	0.000027 U	0.000027 U	--
Molybdenum,Dissolved	**6020**	--	--	--	--	--
Nickel	**6020**	--	--	0.017	0.004	--
Nickel,Dissolved	**6020**	--	--	0.015	0.0038	--
Potassium	**6010B**	0.94 J	3.2 J	3.1 J	--	0.94 J
Potassium,Dissolved	**6010B**	0.38 J	3.1 J	3.2 J	--	0.97 J
Selenium	**6020**	--	--	0.0011 J	0.0007 U	--
Selenium,Dissolved	**6020**	--	--	0.0014 J	0.0007 U	--
Silver	**6020**	--	--	0.000015 U	0.000026 J	--
Silver,Dissolved	**6020**	--	--	0.000015 U	0.000024 J	--
Sodium	**6010B**	30	58	47	--	55
Sodium,Dissolved	**6010B**	31	57	47	--	56
Strontium	**6010B**	0.053	0.23	0.2	--	0.15
Strontium,Dissolved	**6010B**	0.042	0.23	0.21	--	0.16
Thallium	**6020**	--	--	0.00002 U	0.000035 U	--
Thallium,Dissolved	**6020**	--	--	0.000021 U	0.000074 U	--
Tin	**6020**	--	--	0.00025 U	0.00037 U	--
Tin,Dissolved	**6020**	--	--	0.00029 U	0.0006 U	--
Vanadium	**6020**	--	--	0.002 J	0.0029 J	--
Vanadium,Dissolved	**6020**	--	--	0.0017 J	0.0022 J	--
Zinc	**6010B**	0.022	0.0074 J	--	--	0.064
Zinc	**6020**	--	--	0.0037 J	0.0036 J	--
Zinc,Dissolved	**6010B**	0.0045 U	0.0062 J	--	--	0.07
Zinc,Dissolved	**6020**	--	--	0.0028 J	0.0033 J	--

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-16	HAR-16	HAR-16	HAR-17	HAR-17
SampleType:		Field Duplicate	Primary	Field Duplicate	Primary	Split
Sample Name:		HAR-16_012511_36	HAR-16_042011_01	HAR-16_042011_36	HAR-17_012011_01	HAR-17_012011_03
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine
Collection Date:		1/25/2011	4/20/2011	4/20/2011	1/20/2011	1/20/2011
Analyte (mg/L)	**Method**					
Aluminum,Dissolved	**6010B**	--	--	--	--	--
Antimony	**6020**	--	0.00007 U	0.00007 U	0.00017 J	0.00031 J
Antimony,Dissolved	**6010B**	--	--	--	--	--
Antimony,Dissolved	**6020**	--	0.00007 U	0.00007 U	0.00014 J	0.0003 U
Arsenic	**6020**	--	0.00077 J	0.00074 J	0.0012 J	0.0016 J
Arsenic,Dissolved	**6020**	--	0.00073 J	0.00073 J	0.00056 J	0.0009 U
Barium	**6020**	--	0.01	0.01	0.097	0.11
Barium,Dissolved	**6020**	--	0.0098	0.0099	0.067	0.073
Beryllium	**6020**	--	0.00008 U	0.00008 U	0.00008 U	0.0001 U
Beryllium,Dissolved	**6020**	--	0.00008 U	0.00008 U	0.00008 U	0.0001 U
Boron,Dissolved	**6010B**	--	--	--	--	--
Cadmium	**6020**	--	0.00004 U	0.00004 U	0.00015 J	0.00015 J
Cadmium,Dissolved	**6020**	--	0.00004 U	0.00004 U	0.00011 J	0.0001 U
Calcium	**6010B**	32	23	23	160	160
Calcium,Dissolved	**6010B**	34	23	23	150	170
Chromium	**6020**	--	0.0005 U	0.0005 U	0.0038 J	0.0045 J
Chromium,Dissolved	**6020**	--	0.0005 U	0.0005 U	0.0027 J	0.0034 J
Cobalt	**6020**	--	0.000052 J	0.00004 J	0.00062 J	0.0007 J
Cobalt,Dissolved	**6020**	--	0.000044 J	0.000047 J	0.00062 J	0.00057 J
Copper	**6020**	--	0.00056 U	0.00056 U	0.023 J	0.038 J
Copper,Dissolved	**6020**	--	0.00056 U	0.00056 U	0.01	0.0085
HexavalentChromium	**7196A**	--	--	--	--	--
HexavalentChromium,Dissolved	**7196A**	--	--	--	--	--
Iron	**6010B**	0.022 U	0.022 U	0.057 J	11 J	19 J
Iron,Dissolved	**6010B**	0.022 U	0.022 U	0.022 U	0.042 J	0.036 J
Lead	**6020**	--	0.00018 U	0.00018 U	0.0057	0.0062
Lead,Dissolved	**6020**	--	0.00018 U	0.00018 U	0.00039 J	0.00023 J
Magnesium	**6010B**	6.7	4.9 J	4.9 J	29	30
Magnesium,Dissolved	**6010B**	7.2	5.1	5.1	28	31
Manganese	**6010B**	0.00092 J	0.00045 J	0.001 J	0.52 J	0.75 J
Manganese,Dissolved	**6010B**	0.00025 U	0.00025 U	0.00025 U	0.033	0.037
Manganese,Dissolved	**6020**	--	--	--	--	--
Mercury	**7470A**	--	0.000027 UJ	0.000027 UJ	0.000027 U	0.0001 U
Mercury,Dissolved	**7470A**	--	0.000027 U	0.000027 U	0.000027 U	0.0001 U
Molybdenum,Dissolved	**6020**	--	--	--	--	--
Nickel	**6020**	--	0.00073 J	0.0016 J	0.0065	0.0045
Nickel,Dissolved	**6020**	--	0.00065 J	0.00086 J	0.013	0.012
Potassium	**6010B**	1 J	0.72 J	0.73 J	2.6 J	2.8 J
Potassium,Dissolved	**6010B**	0.92 J	0.74 J	0.75 J	2.5 J	2.5 J
Selenium	**6020**	--	0.0007 U	0.0007 U	0.0024 J	0.0031 J
Selenium,Dissolved	**6020**	--	0.0007 U	0.0007 U	0.0042 J	0.0025 J
Silver	**6020**	--	0.000015 U	0.000015 U	0.000016 J	0.0001 U
Silver,Dissolved	**6020**	--	0.000015 U	0.000015 U	0.000022 J	0.0001 U
Sodium	**6010B**	55	51	51	120	100
Sodium,Dissolved	**6010B**	55	51	52	110	120
Strontium	**6010B**	0.15	0.11	0.11	0.83	0.8
Strontium,Dissolved	**6010B**	0.16	0.11	0.11	0.74	0.86
Thallium	**6020**	--	0.00002 U	0.00002 U	0.000067 J	0.0002 U
Thallium,Dissolved	**6020**	--	0.00002 U	0.00002 U	0.00005 J	0.0002 U
Tin	**6020**	--	0.00017 U	0.00017 U	0.00043 U	0.005 U
Tin,Dissolved	**6020**	--	0.0017 U	0.0017 U	0.00018 J	0.005 U
Vanadium	**6020**	--	0.0016 J	0.0016 J	0.0023 J	0.0029 J
Vanadium,Dissolved	**6020**	--	0.0015 J	0.0014 J	0.00022 J	0.0008 U
Zinc	**6010B**	0.065	--	--	--	--
Zinc	**6020**	--	0.032	0.032	1	1
Zinc,Dissolved	**6010B**	0.068	--	--	--	--
Zinc,Dissolved	**6020**	--	0.033	0.032	0.44	0.37

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-19	HAR-19	HAR-19	HAR-20	HAR-21
SampleType:		Primary	Field Duplicate	Primary	Primary	Primary
Sample Name:		HAR-19_012011_01	HAR-19_012011_36	HAR-19_041511_01	HAR-20_041411_01	HAR-21_041311_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/20/2011	1/20/2011	4/15/2011	4/14/2011	4/13/2011
Analyte (mg/L)	**Method**					
Aluminum,Dissolved	**6010B**	--	--	--	--	--
Antimony	**6020**	--	--	0.00014 J	0.00007 U	0.0001 J
Antimony,Dissolved	**6010B**	--	--	--	--	--
Antimony,Dissolved	**6020**	--	--	0.00017 J	0.00008 U	0.00007 U
Arsenic	**6020**	--	--	0.00034 J	0.0029 J	0.0007 J
Arsenic,Dissolved	**6020**	--	--	0.00038 J	0.0031 J	0.00075 J
Barium	**6020**	--	--	0.11	0.031	0.069
Barium,Dissolved	**6020**	--	--	0.11	0.031	0.066
Beryllium	**6020**	--	--	0.00008 U	0.00008 U	0.00008 U
Beryllium,Dissolved	**6020**	--	--	0.00008 U	0.00008 U	0.00008 U
Boron,Dissolved	**6010B**	--	--	--	--	--
Cadmium	**6020**	--	--	0.00004 U	0.00004 U	0.00004 U
Cadmium,Dissolved	**6020**	--	--	0.00004 U	0.000042 J	0.00004 U
Calcium	**6010B**	170	170	160	--	--
Calcium,Dissolved	**6010B**	160	160	150 J	--	--
Chromium	**6020**	--	--	0.0005 U	0.0005 U	0.0005 U
Chromium,Dissolved	**6020**	--	--	0.0005 U	0.0005 U	0.0005 U
Cobalt	**6020**	--	--	0.00017 J	0.00029 J	0.00039 J
Cobalt,Dissolved	**6020**	--	--	0.00014 J	0.00026 J	0.00039 J
Copper	**6020**	--	--	0.00056 U	0.00056 U	0.00056 U
Copper,Dissolved	**6020**	--	--	0.00056 U	0.00056 U	0.00056 U
HexavalentChromium	**7196A**	--	--	--	--	--
HexavalentChromium,Dissolved	**7196A**	--	--	--	--	--
Iron	**6010B**	0.022 U	0.022 U	0.022 U	--	--
Iron,Dissolved	**6010B**	0.022 U	0.022 U	0.022 U	--	--
Lead	**6020**	--	--	0.00018 U	0.00018 U	0.00018 U
Lead,Dissolved	**6020**	--	--	0.00018 U	0.00048 J	0.00018 U
Magnesium	**6010B**	18	19	17	--	--
Magnesium,Dissolved	**6010B**	18	18	16	--	--
Manganese	**6010B**	0.25	0.25	0.037	--	--
Manganese,Dissolved	**6010B**	0.23	0.23	0.038	--	--
Manganese,Dissolved	**6020**	--	--	--	--	--
Mercury	**7470A**	--	--	0.000027 U	0.000027 U	0.000029 U
Mercury,Dissolved	**7470A**	--	--	0.000027 U	0.000027 U	0.000035 U
Molybdenum,Dissolved	**6020**	--	--	--	--	--
Nickel	**6020**	--	--	0.0038	0.0026	0.0019 J
Nickel,Dissolved	**6020**	--	--	0.0036	0.0027	0.0018 J
Potassium	**6010B**	5.1	5.2	4.8 J	--	--
Potassium,Dissolved	**6010B**	4.9 J	4.9 J	4.8 J	--	--
Selenium	**6020**	--	--	0.0018 J	0.0007 U	0.0007 J
Selenium,Dissolved	**6020**	--	--	0.0022 J	0.0007 U	0.0007 U
Silver	**6020**	--	--	0.000015 U	0.000015 U	0.000016 J
Silver,Dissolved	**6020**	--	--	0.000016 J	0.000015 U	0.000015 U
Sodium	**6010B**	150	150	150	--	--
Sodium,Dissolved	**6010B**	150	150	150	--	--
Strontium	**6010B**	0.57	0.57	0.56	--	--
Strontium,Dissolved	**6010B**	0.52	0.52	0.56	--	--
Thallium	**6020**	--	--	0.00004 U	0.00002 U	0.000022 J
Thallium,Dissolved	**6020**	--	--	0.000046 U	0.000029 U	0.00002 U
Tin	**6020**	--	--	0.00036 U	0.00028 U	0.00043 U
Tin,Dissolved	**6020**	--	--	0.00043 U	0.00037 U	0.00017 U
Vanadium	**6020**	--	--	0.00068 J	0.00019 J	0.00014 U
Vanadium,Dissolved	**6020**	--	--	0.00071 J	0.00015 J	0.00014 U
Zinc	**6010B**	0.068	0.067	--	--	--
Zinc	**6020**	--	--	0.041	0.012 J	0.071
Zinc,Dissolved	**6010B**	0.065	0.066	--	--	--
Zinc,Dissolved	**6020**	--	--	0.044	0.013 J	0.073

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-25	HAR-26	HAR-27	HAR-27	HAR-28
SampleType:		Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-25_042211_01	HAR-26_040711_01	HAR-27_011911_01	HAR-27_041211_01	HAR-28_011911_01
Groundwater Unit:		Chatsworth	Chatsworth	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/22/2011	4/7/2011	1/19/2011	4/12/2011	1/19/2011
Analyte (mg/L)	**Method**					
Aluminum,Dissolved	**6010B**	--	--	--	--	--
Antimony	**6020**	0.00007 U	0.00007 U	--	0.000095 J	--
Antimony,Dissolved	**6010B**	--	--	--	--	--
Antimony,Dissolved	**6020**	0.00007 U	0.000094 J	--	0.000074 J	--
Arsenic	**6020**	0.00097 J	0.00021 U	--	0.051	--
Arsenic,Dissolved	**6020**	0.0011 J	0.00021 U	--	0.056	--
Barium	**6020**	0.012	0.022	--	0.083	--
Barium,Dissolved	**6020**	0.012	0.022	--	0.08	--
Beryllium	**6020**	0.00008 U	0.00008 U	--	0.00008 U	--
Beryllium,Dissolved	**6020**	0.00008 U	0.00008 U	--	0.00008 U	--
Boron,Dissolved	**6010B**	--	--	--	--	--
Cadmium	**6020**	0.00004 U	0.00004 U	--	0.00004 U	--
Cadmium,Dissolved	**6020**	0.00004 U	0.000041 J	--	0.00004 U	--
Calcium	**6010B**	--	--	170	160	160
Calcium,Dissolved	**6010B**	--	--	170	160	160
Chromium	**6020**	0.0005 U	0.0005 U	--	0.0005 U	--
Chromium,Dissolved	**6020**	0.0005 U	0.0005 U	--	0.0005 U	--
Cobalt	**6020**	0.000052 J	0.00001 U	--	0.00078 J	--
Cobalt,Dissolved	**6020**	0.000022 J	0.000041 J	--	0.00073 J	--
Copper	**6020**	0.00056 U	0.00056 U	--	0.00056 U	--
Copper,Dissolved	**6020**	0.00056 U	0.00056 U	--	0.00056 U	--
HexavalentChromium	**7196A**	--	--	--	--	--
HexavalentChromium,Dissolved	**7196A**	--	--	--	--	--
Iron	**6010B**	--	--	13	11	0.25
Iron,Dissolved	**6010B**	--	--	12	11	0.046 J
Lead	**6020**	0.00018 U	0.00018 U	--	0.00018 U	--
Lead,Dissolved	**6020**	0.00018 U	0.00018 U	--	0.00018 U	--
Magnesium	**6010B**	--	--	35	34	29
Magnesium,Dissolved	**6010B**	--	--	35	36	29
Manganese	**6010B**	--	--	5	4.7	0.049
Manganese,Dissolved	**6010B**	--	--	5.1	4.8	0.0075 J
Manganese,Dissolved	**6020**	--	--	--	--	--
Mercury	**7470A**	0.000027 UJ	0.000031 J	--	0.000027 U	--
Mercury,Dissolved	**7470A**	0.000027 U	0.000035 U	--	0.000027 U	--
Molybdenum,Dissolved	**6020**	--	--	--	--	--
Nickel	**6020**	0.00052 J	0.00053 J	--	0.002	--
Nickel,Dissolved	**6020**	0.00051 J	0.00066 J	--	0.0021	--
Potassium	**6010B**	--	--	2.1 J	1.9 J	5.9
Potassium,Dissolved	**6010B**	--	--	1.8 J	1.7 J	5.9
Selenium	**6020**	0.002 J	0.0007 U	--	0.0007 U	--
Selenium,Dissolved	**6020**	0.0021 J	0.0007 U	--	0.0007 U	--
Silver	**6020**	0.000015 U	0.000015 U	--	0.000015 U	--
Silver,Dissolved	**6020**	0.000015 U	0.000022 J	--	0.000015 U	--
Sodium	**6010B**	--	--	92	85	65
Sodium,Dissolved	**6010B**	--	--	94	88	66
Strontium	**6010B**	--	--	0.77	0.7	0.65
Strontium,Dissolved	**6010B**	--	--	0.76	0.71	0.64
Thallium	**6020**	0.00002 U	0.00002 U	--	0.000024 U	--
Thallium,Dissolved	**6020**	0.00002 U	0.000024 J	--	0.00002 U	--
Tin	**6020**	0.0028 J	0.00018 U	--	0.00032 U	--
Tin,Dissolved	**6020**	0.00078 U	0.00018 J	--	0.00018 U	--
Vanadium	**6020**	0.0026 J	0.00014 U	--	0.0005 J	--
Vanadium,Dissolved	**6020**	0.0025 J	0.00014 U	--	0.00048 J	--
Zinc	**6010B**	--	--	0.0065 U	--	0.0068 U
Zinc	**6020**	0.19	0.026	--	0.002 U	--
Zinc,Dissolved	**6010B**	--	--	0.005 J	--	0.005 J
Zinc,Dissolved	**6020**	0.19	0.025	--	0.002 U	--

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-28	HAR-29	HAR-29	HAR-30	HAR-30
SampleType:		Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-28_041211_01	HAR-29_011711_01	HAR-29_041911_01	HAR-30_012811_01	HAR-30_042811_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/12/2011	1/17/2011	4/19/2011	1/28/2011	4/28/2011
Analyte (mg/L)	**Method**					
Aluminum,Dissolved	**6010B**	--	--	--	--	--
Antimony	**6020**	0.00023 J	--	0.00024 J	--	0.00007 U
Antimony,Dissolved	**6010B**	--	--	--	--	--
Antimony,Dissolved	**6020**	0.00024 J	--	0.00024 J	--	0.00007 U
Arsenic	**6020**	0.0011 J	--	0.0012 J	--	0.0021 J
Arsenic,Dissolved	**6020**	0.0012 J	--	0.0011 J	--	0.0018 J
Barium	**6020**	0.054	--	0.11	--	0.057
Barium,Dissolved	**6020**	0.054	--	0.1	--	0.056
Beryllium	**6020**	0.00008 U	--	0.00008 U	--	0.00008 U
Beryllium,Dissolved	**6020**	0.00008 U	--	0.00008 U	--	0.00008 U
Boron,Dissolved	**6010B**	--	--	--	--	--
Cadmium	**6020**	0.000057 J	--	0.000055 J	--	0.00004 U
Cadmium,Dissolved	**6020**	0.000067 J	--	0.000065 J	--	0.00004 U
Calcium	**6010B**	160	150	170	91	95
Calcium,Dissolved	**6010B**	160	150	170	90	93
Chromium	**6020**	0.0005 U	--	0.0005 U	--	0.0005 U
Chromium,Dissolved	**6020**	0.0005 U	--	0.0005 U	--	0.0005 U
Cobalt	**6020**	0.00016 J	--	0.00018 J	--	0.00028 J
Cobalt,Dissolved	**6020**	0.00015 J	--	0.00017 J	--	0.00021 J
Copper	**6020**	0.0006 J	--	0.0013 J	--	0.00056 U
Copper,Dissolved	**6020**	0.00056 U	--	0.0012 J	--	0.00056 U
HexavalentChromium	**7196A**	--	--	--	--	--
HexavalentChromium,Dissolved	**7196A**	--	--	--	--	--
Iron	**6010B**	0.022 U	0.022 U	0.022 U	1.3	0.029 J
Iron,Dissolved	**6010B**	0.022 U	0.022 U	0.022 U	1.4	0.024 J
Lead	**6020**	0.00018 U	--	0.00018 U	--	0.00018 U
Lead,Dissolved	**6020**	0.00018 U	--	0.00018 U	--	0.00018 U
Magnesium	**6010B**	29	25	21	30	30
Magnesium,Dissolved	**6010B**	32	25	22	30	29
Manganese	**6010B**	0.00094 J	0.0018 U	0.0049 J	0.32	0.043
Manganese,Dissolved	**6010B**	0.0007 J	0.00096 U	0.0038 J	0.29	0.043
Manganese,Dissolved	**6020**	--	--	--	--	--
Mercury	**7470A**	0.000027 U	--	0.000027 UJ	--	0.000027 UJ
Mercury,Dissolved	**7470A**	0.000027 U	--	0.000027 U	--	0.000027 U
Molybdenum,Dissolved	**6020**	--	--	--	--	--
Nickel	**6020**	0.0027	--	0.003	--	0.0019 J
Nickel,Dissolved	**6020**	0.0024	--	0.0027	--	0.0015 J
Potassium	**6010B**	6	3.9 J	1.9 J	1.8 J	1.7 J
Potassium,Dissolved	**6010B**	6.1	3.9 J	1.8 J	1.9 J	1.7 J
Selenium	**6020**	0.00079 J	--	0.03	--	0.0007 U
Selenium,Dissolved	**6020**	0.0007 U	--	0.031	--	0.0007 U
Silver	**6020**	0.000018 J	--	0.000021 J	--	0.00002 J
Silver,Dissolved	**6020**	0.000015 U	--	0.000017 J	--	0.000015 U
Sodium	**6010B**	66	69	96	81	75
Sodium,Dissolved	**6010B**	70	69	95	81	72
Strontium	**6010B**	0.62	0.57	0.71	0.45	0.45
Strontium,Dissolved	**6010B**	0.64	0.56	0.7	0.44	0.46
Thallium	**6020**	0.000026 U	--	0.000023 J	--	0.000025 J
Thallium,Dissolved	**6020**	0.00002 U	--	0.000041 J	--	0.00002 U
Tin	**6020**	0.00033 U	--	0.00039 U	--	0.00017 U
Tin,Dissolved	**6020**	0.00017 U	--	0.0021 U	--	0.00017 U
Vanadium	**6020**	0.0017 J	--	0.0048 J	--	0.0006 J
Vanadium,Dissolved	**6020**	0.0015 J	--	0.0044 J	--	0.00062 J
Zinc	**6010B**	--	0.0045 U	--	0.0045 U	--
Zinc	**6020**	0.0041 J	--	0.002 U	--	0.002 U
Zinc,Dissolved	**6010B**	--	0.0045 U	--	0.0045 U	--
Zinc,Dissolved	**6020**	0.0044 J	--	0.002 U	--	0.002 U

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-31	HAR-31	HAR-32	HAR-33	PZ-035
SampleType:		Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-31_011911_01	HAR-31_041411_01	HAR-32_042711_01	HAR-33_042511_01	PZ-035_042611_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/19/2011	4/14/2011	4/27/2011	4/25/2011	4/26/2011
Analyte (mg/L)	**Method**					
Aluminum,Dissolved	**6010B**	--	--	--	--	--
Antimony	**6020**	--	--	0.00007 U	0.00007 U	0.000091 J
Antimony,Dissolved	**6010B**	--	--	--	--	--
Antimony,Dissolved	**6020**	--	--	0.00007 U	0.00007 U	0.000079 J
Arsenic	**6020**	--	--	0.0005 J	0.00066 J	0.0013 J
Arsenic,Dissolved	**6020**	--	--	0.00051 J	0.00077 J	0.0013 J
Barium	**6020**	--	--	0.028	0.071	0.031
Barium,Dissolved	**6020**	--	--	0.029	0.073	0.031 J
Beryllium	**6020**	--	--	0.00008 U	0.00008 U	0.00008 U
Beryllium,Dissolved	**6020**	--	--	0.00008 U	0.00008 U	0.00008 U
Boron,Dissolved	**6010B**	--	--	--	--	--
Cadmium	**6020**	--	--	0.000053 J	0.00004 U	0.000056 J
Cadmium,Dissolved	**6020**	--	--	0.00004 U	0.00004 U	0.000054 J
Calcium	**6010B**	44	42	--	--	--
Calcium,Dissolved	**6010B**	42	41	--	--	--
Chromium	**6020**	--	--	0.0005 U	0.0005 U	0.0047 J
Chromium,Dissolved	**6020**	--	--	0.0005 U	0.0005 U	0.0005 U
Cobalt	**6020**	--	--	0.00013 J	0.00052 J	0.00043 J
Cobalt,Dissolved	**6020**	--	--	0.00011 J	0.00056 J	0.00039 J
Copper	**6020**	--	--	0.0012 J	0.00056 U	0.00067 J
Copper,Dissolved	**6020**	--	--	0.00061 U	0.00066 J	0.00082 U
HexavalentChromium	**7196A**	--	--	--	--	--
HexavalentChromium,Dissolved	**7196A**	--	--	--	--	--
Iron	**6010B**	0.022 U	0.033 U	--	--	--
Iron,Dissolved	**6010B**	0.022 U	0.022 U	--	--	--
Lead	**6020**	--	--	0.00018 U	0.00018 U	0.00018 U
Lead,Dissolved	**6020**	--	--	0.00018 U	0.00018 U	0.00018 U
Magnesium	**6010B**	16	15	--	--	--
Magnesium,Dissolved	**6010B**	15	15	--	--	--
Manganese	**6010B**	0.0006 J	0.00085 J	--	--	--
Manganese,Dissolved	**6010B**	0.00047 J	0.00025 U	--	--	--
Manganese,Dissolved	**6020**	--	--	--	--	--
Mercury	**7470A**	--	--	0.000027 UJ	0.000027 U	0.000027 UJ
Mercury,Dissolved	**7470A**	--	--	0.000027 U	0.000027 U	0.000027 UJ
Molybdenum,Dissolved	**6020**	--	--	--	--	--
Nickel	**6020**	--	--	0.0019 J	0.012	0.0063
Nickel,Dissolved	**6020**	--	--	0.0016 J	0.013	0.0059
Potassium	**6010B**	1 J	0.96 J	--	--	--
Potassium,Dissolved	**6010B**	0.98 J	0.95 J	--	--	--
Selenium	**6020**	--	--	0.0036 J	0.0033 J	0.0016 J
Selenium,Dissolved	**6020**	--	--	0.0036 J	0.0041 J	0.0016 J
Silver	**6020**	--	--	0.000015 U	0.000015 U	0.000025 J
Silver,Dissolved	**6020**	--	--	0.000015 U	0.000015 U	0.000015 U
Sodium	**6010B**	61	56	--	--	--
Sodium,Dissolved	**6010B**	59	55	--	--	--
Strontium	**6010B**	0.25	0.22	--	--	--
Strontium,Dissolved	**6010B**	0.23	0.22	--	--	--
Thallium	**6020**	--	--	0.00002 U	0.00002 U	0.000037 J
Thallium,Dissolved	**6020**	--	--	0.00002 U	0.00002 U	0.00002 U
Tin	**6020**	--	--	0.00023 J	0.00017 U	0.00017 U
Tin,Dissolved	**6020**	--	--	0.00017 U	0.00026 U	0.00017 U
Vanadium	**6020**	--	--	0.0013 J	0.0018 J	0.0014 J
Vanadium,Dissolved	**6020**	--	--	0.0013 J	0.0017 J	0.0013 J
Zinc	**6010B**	0.0046 U	0.0045 U	--	--	--
Zinc	**6020**	--	--	0.002 U	0.002 U	0.002 J
Zinc,Dissolved	**6010B**	0.0065 J	0.0045 U	--	--	--
Zinc,Dissolved	**6020**	--	--	0.002 U	0.0021 J	0.0039 J

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-041	PZ-060	PZ-108	PZ-129	PZ-139
SampleType:		Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-041_011311_01	PZ-060_042711_01	PZ-108_071811_01	PZ-129_012611_01	PZ-139_020311_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/13/2011	4/27/2011	7/18/2011	1/26/2011	2/3/2011
Analyte (mg/L)	**Method**					
Aluminum,Dissolved	**6010B**	--	--	--	0.018 U	0.018 U
Antimony	**6020**	0.00024 J	0.000087 J	0.00022 J	--	--
Antimony,Dissolved	**6010B**	--	--	--	0.0031 U	0.0031 U
Antimony,Dissolved	**6020**	0.00023 J	0.00011 J	0.00021 J	--	--
Arsenic	**6020**	0.0019 J	0.011	0.0015 J	--	--
Arsenic,Dissolved	**6020**	0.0012 J	0.011	0.0016 J	0.00064 J	0.001 J
Barium	**6020**	0.044	0.036	0.016	--	--
Barium,Dissolved	**6020**	0.034	0.034	0.016	0.011	0.018
Beryllium	**6020**	0.00008 U	0.00008 U	0.00008 U	--	--
Beryllium,Dissolved	**6020**	0.00008 U	0.00008 U	0.00008 U	0.00008 U	0.00008 U
Boron,Dissolved	**6010B**	--	--	--	0.42	0.052
Cadmium	**6020**	0.00023 J	0.00008 J	0.00056 J	--	--
Cadmium,Dissolved	**6020**	0.000084 J	0.00004 U	0.00045 J	0.00005 J	0.00013 J
Calcium	**6010B**	120	--	--	--	--
Calcium,Dissolved	**6010B**	110	--	--	79	67
Chromium	**6020**	0.0024 J	0.0005 U	0.00063 J	--	--
Chromium,Dissolved	**6020**	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Cobalt	**6020**	0.0016	0.002	0.00017 J	--	--
Cobalt,Dissolved	**6020**	0.00024 J	0.0022	0.000086 J	0.00016 J	0.00064 J
Copper	**6020**	0.0037	0.00056 U	0.00077 J	--	--
Copper,Dissolved	**6020**	0.001 U	0.00056 U	0.00056 U	0.00074 U	0.00081 J
HexavalentChromium	**7196A**	--	--	--	0.004 UJ	--
HexavalentChromium,Dissolved	**7196A**	--	--	--	0.004 UJ	--
Iron	**6010B**	1.7	--	--	--	--
Iron,Dissolved	**6010B**	0.022 U	--	--	0.062 J	0.022 U
Lead	**6020**	0.0014 J	0.00022 J	0.00018 U	--	--
Lead,Dissolved	**6020**	0.00018 U	0.00018 U	0.00018 U	0.00018 U	0.00018 U
Magnesium	**6010B**	24	--	--	--	--
Magnesium,Dissolved	**6010B**	23	--	--	35	31
Manganese	**6010B**	0.16	--	--	--	--
Manganese,Dissolved	**6010B**	0.0079 J	--	--	--	--
Manganese,Dissolved	**6020**	--	--	--	0.00041 U	0.17
Mercury	**7470A**	0.000027 U	0.000027 UJ	--	--	--
Mercury,Dissolved	**7470A**	0.000027 U	0.000027 U	--	--	--
Molybdenum,Dissolved	**6020**	--	--	--	0.007	0.0027
Nickel	**6020**	0.0049	0.0057	0.0019 J	--	--
Nickel,Dissolved	**6020**	0.0028 U	0.0052	0.0015 J	0.0018 J	0.0074
Potassium	**6010B**	7.1	--	--	--	--
Potassium,Dissolved	**6010B**	6.5	--	--	4.6	2.4
Selenium	**6020**	0.0007 U	0.0007 U	0.0007 U	--	--
Selenium,Dissolved	**6020**	0.0007 U	0.0007 U	0.0007 U	0.0088 U	0.0007 U
Silver	**6020**	0.000059 J	0.000015 U	0.000015 U	--	--
Silver,Dissolved	**6020**	0.000015 U	0.000015 U	0.000017 U	0.000015 U	0.000015 U
Sodium	**6010B**	70	--	--	--	--
Sodium,Dissolved	**6010B**	67	--	--	140	120
Strontium	**6010B**	0.39	--	--	--	--
Strontium,Dissolved	**6010B**	0.36	--	--	--	--
Thallium	**6020**	0.000031 U	0.00002 U	0.000024 U	--	--
Thallium,Dissolved	**6020**	0.00002 U	0.00002 U	0.000034 U	0.00002 U	0.000024 J
Tin	**6020**	0.00063 U	0.00017 U	0.00077 U	--	--
Tin,Dissolved	**6020**	0.00017 U	0.00098 U	0.00077 U	--	--
Vanadium	**6020**	0.0043 J	0.00031 J	0.0026 J	--	--
Vanadium,Dissolved	**6020**	0.0019 J	0.00022 J	0.0022 J	0.0013 J	0.0012 J
Zinc	**6010B**	--	--	--	--	--
Zinc	**6020**	0.03	0.0022 J	0.0057 J	--	--
Zinc,Dissolved	**6010B**	--	--	--	--	--
Zinc,Dissolved	**6020**	0.0085 U	0.0028 J	0.004 J	0.0023 J	0.0045 U

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-139	PZ-139	PZ-139	PZ-139	PZ-139
SampleType:		Primary	Field Duplicate	Field Duplicate	Primary	Primary
Sample Name:		PZ-139_020311_01A	PZ-139_020311_36	PZ-139_020311_36A	PZ-139_042611_01	PZ-139_071111_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/3/2011	2/3/2011	2/3/2011	4/26/2011	7/11/2011
Analyte (mg/L)	**Method**					
Aluminum,Dissolved	**6010B**	--	0.018 U	--	0.06 J	0.018 U
Antimony	**6020**	--	--	--	--	--
Antimony,Dissolved	**6010B**	--	0.0031 U	--	0.0031 U	0.0031 U
Antimony,Dissolved	**6020**	--	--	--	--	--
Arsenic	**6020**	--	--	--	--	--
Arsenic,Dissolved	**6020**	--	0.0011 J	--	0.0026 J	0.0011 J
Barium	**6020**	--	--	--	--	--
Barium,Dissolved	**6020**	--	0.019	--	0.04 J	0.019
Beryllium	**6020**	--	--	--	--	--
Beryllium,Dissolved	**6020**	--	0.00008 U	--	0.00016 J	0.00008 U
Boron,Dissolved	**6010B**	--	0.052	--	0.065	0.049 J
Cadmium	**6020**	--	--	--	--	--
Cadmium,Dissolved	**6020**	--	0.00013 J	--	0.00023 J	0.00008 J
Calcium	**6010B**	--	--	--	--	--
Calcium,Dissolved	**6010B**	--	70	--	70	57
Chromium	**6020**	--	--	--	--	--
Chromium,Dissolved	**6020**	--	0.0005 U	--	0.0079	0.0005 U
Cobalt	**6020**	--	--	--	--	--
Cobalt,Dissolved	**6020**	--	0.00061 J	--	0.0037	0.00058 J
Copper	**6020**	--	--	--	--	--
Copper,Dissolved	**6020**	--	0.00093 J	--	0.0047 U	0.00056 U
HexavalentChromium	**7196A**	0.004 UJ	--	0.004 UJ	0.004 UJ	0.004 UJ
HexavalentChromium,Dissolved	**7196A**	0.0043 UJ	--	0.004 UJ	0.004 UJ	0.004 UJ
Iron	**6010B**	--	--	--	--	--
Iron,Dissolved	**6010B**	--	0.022 U	--	0.1 U	0.022 U
Lead	**6020**	--	--	--	--	--
Lead,Dissolved	**6020**	--	0.00018 U	--	0.0021	0.00018 U
Magnesium	**6010B**	--	--	--	--	--
Magnesium,Dissolved	**6010B**	--	33	--	34	28
Manganese	**6010B**	--	--	--	--	--
Manganese,Dissolved	**6010B**	--	--	--	--	--
Manganese,Dissolved	**6020**	--	0.17	--	0.28	0.14
Mercury	**7470A**	--	--	--	--	--
Mercury,Dissolved	**7470A**	--	--	--	0.000027 U	0.000027 U
Molybdenum,Dissolved	**6020**	--	0.0043	--	0.0024	0.0027
Nickel	**6020**	--	--	--	--	--
Nickel,Dissolved	**6020**	--	0.0076	--	0.01	0.0052
Potassium	**6010B**	--	--	--	--	--
Potassium,Dissolved	**6010B**	--	2.5	--	2.3	2.3
Selenium	**6020**	--	--	--	--	--
Selenium,Dissolved	**6020**	--	0.0007 U	--	0.0007 U	0.0007 U
Silver	**6020**	--	--	--	--	--
Silver,Dissolved	**6020**	--	0.000015 U	--	0.000037 U	0.000021 U
Sodium	**6010B**	--	--	--	--	--
Sodium,Dissolved	**6010B**	--	120	--	130	130
Strontium	**6010B**	--	--	--	--	--
Strontium,Dissolved	**6010B**	--	--	--	--	--
Thallium	**6020**	--	--	--	--	--
Thallium,Dissolved	**6020**	--	0.00002 U	--	0.000092 J	0.000058 U
Tin	**6020**	--	--	--	--	--
Tin,Dissolved	**6020**	--	--	--	--	--
Vanadium	**6020**	--	--	--	--	--
Vanadium,Dissolved	**6020**	--	0.0013 J	--	0.012	0.0013 J
Zinc	**6010B**	--	--	--	--	--
Zinc	**6020**	--	--	--	--	--
Zinc,Dissolved	**6010B**	--	--	--	--	--
Zinc,Dissolved	**6020**	--	0.0048 U	--	0.022	0.0042 J

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-139	PZ-139	PZ-140	PZ-140	PZ-140
SampleType:		Split	Split	Primary	Primary	Primary
Sample Name:		PZ-139_071111_03	PZ-139_071111_03B	PZ-140_012511_01	PZ-140_012511_01A	PZ-140_042111_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Irvine	TA- Irvine	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/11/2011	7/11/2011	1/25/2011	1/25/2011	4/21/2011
Analyte (mg/L)	**Method**					
Aluminum,Dissolved	**6010B**	0.04 U	--	0.018 U	--	0.018 U
Antimony	**6020**	--	--	--	--	--
Antimony,Dissolved	**6010B**	0.007 U	--	0.0031 U	--	0.0031 U
Antimony,Dissolved	**6020**	--	--	--	--	--
Arsenic	**6020**	--	--	--	--	--
Arsenic,Dissolved	**6020**	0.0011	--	0.00069 J	--	0.00069 J
Barium	**6020**	--	--	--	--	--
Barium,Dissolved	**6020**	0.018	--	0.057	--	0.061
Beryllium	**6020**	--	--	--	--	--
Beryllium,Dissolved	**6020**	0.0001 U	--	0.00008 U	--	0.00008 U
Boron,Dissolved	**6010B**	0.051	--	0.047 J	--	0.047 J
Cadmium	**6020**	--	--	--	--	--
Cadmium,Dissolved	**6020**	0.0001 U	--	0.000062 J	--	0.000063 J
Calcium	**6010B**	--	--	--	--	--
Calcium,Dissolved	**6010B**	66	--	110	--	110
Chromium	**6020**	--	--	--	--	--
Chromium,Dissolved	**6020**	0.0009 U	--	0.0005 U	--	0.0005 U
Cobalt	**6020**	--	--	--	--	--
Cobalt,Dissolved	**6020**	0.00068 J	--	0.00076 J	--	0.00054 J
Copper	**6020**	--	--	--	--	--
Copper,Dissolved	**6020**	0.0005 U	--	0.00063 J	--	0.00056 U
HexavalentChromium	**7196A**	--	0.005 U	--	0.004 U	0.004 UJ
HexavalentChromium,Dissolved	**7196A**	--	0.005 U	--	0.004 U	0.004 UJ
Iron	**6010B**	--	--	--	--	--
Iron,Dissolved	**6010B**	0.015 U	--	0.022 J	--	0.022 U
Lead	**6020**	--	--	--	--	--
Lead,Dissolved	**6020**	0.0002 U	--	0.00018 U	--	0.00018 U
Magnesium	**6010B**	--	--	--	--	--
Magnesium,Dissolved	**6010B**	31	--	35	--	37
Manganese	**6010B**	--	--	--	--	--
Manganese,Dissolved	**6010B**	--	--	--	--	--
Manganese,Dissolved	**6020**	0.14	--	0.08	--	0.071
Mercury	**7470A**	--	--	--	--	--
Mercury,Dissolved	**7470A**	0.0001 U	--	--	--	0.000027 U
Molybdenum,Dissolved	**6020**	0.0029	--	0.0028	--	0.0025
Nickel	**6020**	--	--	--	--	--
Nickel,Dissolved	**6020**	0.0055	--	0.0042	--	0.0035
Potassium	**6010B**	--	--	--	--	--
Potassium,Dissolved	**6010B**	2.1	--	2.9	--	3.3
Selenium	**6020**	--	--	--	--	--
Selenium,Dissolved	**6020**	0.00095 J	--	0.00077 J	--	0.0013 J
Silver	**6020**	--	--	--	--	--
Silver,Dissolved	**6020**	0.0001 U	--	0.000015 U	--	0.000015 U
Sodium	**6010B**	--	--	--	--	--
Sodium,Dissolved	**6010B**	120	--	72	--	74
Strontium	**6010B**	--	--	--	--	--
Strontium,Dissolved	**6010B**	--	--	--	--	--
Thallium	**6020**	--	--	--	--	--
Thallium,Dissolved	**6020**	0.0002 U	--	0.000032 U	--	0.000037 J
Tin	**6020**	--	--	--	--	--
Tin,Dissolved	**6020**	--	--	--	--	--
Vanadium	**6020**	--	--	--	--	--
Vanadium,Dissolved	**6020**	0.001 J	--	0.0011 J	--	0.0011 J
Zinc	**6010B**	--	--	--	--	--
Zinc	**6020**	--	--	--	--	--
Zinc,Dissolved	**6010B**	--	--	--	--	--
Zinc,Dissolved	**6020**	0.004 U	--	0.0027 J	--	0.002 U

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-140	PZ-140	PZ-140	PZ-141	PZ-141
SampleType:		Split	Primary	Field Duplicate	Primary	Primary
Sample Name:		PZ-140_042111_03	PZ-140_080911_01A	PZ-140_080911_36A	PZ-141_020411_01	PZ-141_020411_01A
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/21/2011	8/9/2011	8/9/2011	2/4/2011	2/4/2011
Analyte (mg/L)	**Method**					
Aluminum,Dissolved	**6010B**	0.04 U	0.018 U	0.018 U	0.11 J	--
Antimony	**6020**	--	--	--	--	--
Antimony,Dissolved	**6010B**	0.007 U	0.0031 U	0.0031 U	0.0031 U	--
Antimony,Dissolved	**6020**	0.00051 J	--	--	--	--
Arsenic	**6020**	--	--	--	--	--
Arsenic,Dissolved	**6020**	0.0009 U	0.00065 J	0.0006 J	0.0021 J	--
Barium	**6020**	--	--	--	--	--
Barium,Dissolved	**6020**	0.059	0.068	0.071	0.016	--
Beryllium	**6020**	--	--	--	--	--
Beryllium,Dissolved	**6020**	0.0001 U	0.00008 U	0.00008 U	0.00008 U	--
Boron,Dissolved	**6010B**	0.053	0.046 J	0.045 J	0.17	--
Cadmium	**6020**	--	--	--	--	--
Cadmium,Dissolved	**6020**	0.00012 J	0.00004 U	0.000044 J	0.00004 U	--
Calcium	**6010B**	--	--	--	--	--
Calcium,Dissolved	**6010B**	130	130	130	130	--
Chromium	**6020**	--	--	--	--	--
Chromium,Dissolved	**6020**	0.0009 U	0.0005 U	0.0005 U	0.0005 U	--
Cobalt	**6020**	--	--	--	--	--
Cobalt,Dissolved	**6020**	0.00058 J	0.0018	0.0018	0.00024 J	--
Copper	**6020**	--	--	--	--	--
Copper,Dissolved	**6020**	0.0005 J	0.00056 U	0.00056 U	0.0007 J	--
HexavalentChromium	**7196A**	--	0.004 UJ	0.004 UJ	--	0.006 J
HexavalentChromium,Dissolved	**7196A**	--	0.004 UJ	0.004 UJ	--	0.004 U
Iron	**6010B**	--	--	--	--	--
Iron,Dissolved	**6010B**	0.02 U	0.022 U	0.022 U	0.16	--
Lead	**6020**	--	--	--	--	--
Lead,Dissolved	**6020**	0.0002 U	0.00018 U	0.00018 U	0.00018 U	--
Magnesium	**6010B**	--	--	--	--	--
Magnesium,Dissolved	**6010B**	39	41	41	73	--
Manganese	**6010B**	--	--	--	--	--
Manganese,Dissolved	**6010B**	--	--	--	--	--
Manganese,Dissolved	**6020**	0.066	0.13	0.12	0.071	--
Mercury	**7470A**	--	--	--	--	--
Mercury,Dissolved	**7470A**	0.0001 U	0.000027 U	0.000027 U	--	--
Molybdenum,Dissolved	**6020**	0.003	0.0023 U	0.0021 U	0.0065	--
Nickel	**6020**	--	--	--	--	--
Nickel,Dissolved	**6020**	0.0026	0.0027 U	0.0025 U	0.0019 J	--
Potassium	**6010B**	--	--	--	--	--
Potassium,Dissolved	**6010B**	3.1	3.2	3.2	13	--
Selenium	**6020**	--	--	--	--	--
Selenium,Dissolved	**6020**	0.0015 J	0.00096 J	0.0007 U	0.0013 J	--
Silver	**6020**	--	--	--	--	--
Silver,Dissolved	**6020**	0.0001 U	0.000015 U	0.000015 U	0.000015 U	--
Sodium	**6010B**	--	--	--	--	--
Sodium,Dissolved	**6010B**	71	75	75	130	--
Strontium	**6010B**	--	--	--	--	--
Strontium,Dissolved	**6010B**	--	--	--	--	--
Thallium	**6020**	--	--	--	--	--
Thallium,Dissolved	**6020**	0.0002 U	0.000073 U	0.000029 U	0.00002 U	--
Tin	**6020**	--	--	--	--	--
Tin,Dissolved	**6020**	0.005 U	--	--	--	--
Vanadium	**6020**	--	--	--	--	--
Vanadium,Dissolved	**6020**	0.00086 J	0.0009 J	0.00098 J	0.0022 J	--
Zinc	**6010B**	--	--	--	--	--
Zinc	**6020**	--	--	--	--	--
Zinc,Dissolved	**6010B**	--	--	--	--	--
Zinc,Dissolved	**6020**	0.004 U	0.0026 J	0.002 U	0.002 U	--

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-141	PZ-141	PZ-141	PZ-141	PZ-144
SampleType:		Split	Split	Primary	Primary	Primary
Sample Name:		PZ-141_020411_03	PZ-141_020411_03A	PZ-141_041211_01	PZ-141_080111_01A	PZ-144_020111_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Irvine	TA- Irvine	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/4/2011	2/4/2011	4/12/2011	8/1/2011	2/1/2011
Analyte (mg/L)	**Method**					
Aluminum,Dissolved	**6010B**	0.04 U	--	0.018 U	0.018 U	0.018 U
Antimony	**6020**	--	--	--	--	--
Antimony,Dissolved	**6010B**	0.007 U	--	0.0031 U	0.0031 U	0.0031 U
Antimony,Dissolved	**6020**	--	--	--	--	--
Arsenic	**6020**	--	--	--	--	--
Arsenic,Dissolved	**6020**	0.0011 J	--	0.0017 J	0.0018 J	0.0047 J
Barium	**6020**	--	--	--	--	--
Barium,Dissolved	**6020**	0.014	--	0.015	0.017	0.0068
Beryllium	**6020**	--	--	--	--	--
Beryllium,Dissolved	**6020**	0.0001 U	--	0.00008 U	0.00008 U	0.00008 U
Boron,Dissolved	**6010B**	0.17	--	0.15	0.15	0.082
Cadmium	**6020**	--	--	--	--	--
Cadmium,Dissolved	**6020**	0.0001 U	--	0.000043 J	0.00017 J	0.00007 J
Calcium	**6010B**	--	--	--	--	--
Calcium,Dissolved	**6010B**	120	--	120	110	40
Chromium	**6020**	--	--	--	--	--
Chromium,Dissolved	**6020**	0.0009 U	--	0.0005 U	0.0005 U	0.00055 J
Cobalt	**6020**	--	--	--	--	--
Cobalt,Dissolved	**6020**	0.00036 J	--	0.00024 J	0.0001 J	0.000024 J
Copper	**6020**	--	--	--	--	--
Copper,Dissolved	**6020**	0.0015 J	--	0.00087 J	0.00071 J	0.00056 U
HexavalentChromium	**7196A**	--	0.005 R	0.018 J	0.004 UJ	--
HexavalentChromium,Dissolved	**7196A**	--	0.005 R	0.004 UJ	0.004 UJ	--
Iron	**6010B**	--	--	--	--	--
Iron,Dissolved	**6010B**	0.022 U	--	0.022 U	0.022 U	0.022 U
Lead	**6020**	--	--	--	--	--
Lead,Dissolved	**6020**	0.0002 U	--	0.00018 U	0.00018 U	0.00018 U
Magnesium	**6010B**	--	--	--	--	--
Magnesium,Dissolved	**6010B**	72	--	75	68	13
Manganese	**6010B**	--	--	--	--	--
Manganese,Dissolved	**6010B**	0.056	--	--	--	--
Manganese,Dissolved	**6020**	--	--	0.077	0.052	0.00031 U
Mercury	**7470A**	--	--	--	--	--
Mercury,Dissolved	**7470A**	--	--	0.000027 U	0.000027 U	--
Molybdenum,Dissolved	**6020**	0.006	--	0.0056	0.0058	0.017
Nickel	**6020**	--	--	--	--	--
Nickel,Dissolved	**6020**	0.0011 J	--	0.0017 J	0.0018 J	0.00059 J
Potassium	**6010B**	--	--	--	--	--
Potassium,Dissolved	**6010B**	12	--	12	12	5.3
Selenium	**6020**	--	--	--	--	--
Selenium,Dissolved	**6020**	0.0014 J	--	0.0027 J	0.002 J	0.0033 J
Silver	**6020**	--	--	--	--	--
Silver,Dissolved	**6020**	0.0001 U	--	0.000017 J	0.000029 U	0.000015 U
Sodium	**6010B**	--	--	--	--	--
Sodium,Dissolved	**6010B**	120	--	130	120	75
Strontium	**6010B**	--	--	--	--	--
Strontium,Dissolved	**6010B**	--	--	--	--	--
Thallium	**6020**	--	--	--	--	--
Thallium,Dissolved	**6020**	0.0002 U	--	0.000055 U	0.00014 U	0.00002 U
Tin	**6020**	--	--	--	--	--
Tin,Dissolved	**6020**	--	--	--	--	--
Vanadium	**6020**	--	--	--	--	--
Vanadium,Dissolved	**6020**	0.0024 U	--	0.0018 J	0.0021 J	0.005 J
Zinc	**6010B**	--	--	--	--	--
Zinc	**6020**	--	--	--	--	--
Zinc,Dissolved	**6010B**	--	--	--	--	--
Zinc,Dissolved	**6020**	0.004 U	--	0.002 U	0.005 U	0.002 U

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-144	PZ-144	PZ-144	PZ-144	PZ-146
SampleType:		Primary	Primary	Field Duplicate	Primary	Primary
Sample Name:		PZ-144_020111_01A	PZ-144_041311_01	PZ-144_041311_36	PZ-144_080111_01	PZ-146_042911_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/1/2011	4/13/2011	4/13/2011	8/1/2011	4/29/2011
Analyte (mg/L)	**Method**					
Aluminum,Dissolved	**6010B**	--	0.018 U	0.018 U	0.018 U	0.018 U
Antimony	**6020**	--	--	--	--	--
Antimony,Dissolved	**6010B**	--	0.0031 U	0.0031 U	0.0031 U	0.0031 U
Antimony,Dissolved	**6020**	--	--	--	--	--
Arsenic	**6020**	--	--	--	--	--
Arsenic,Dissolved	**6020**	--	0.0044 J	0.0043 J	0.0047 J	0.029
Barium	**6020**	--	--	--	--	--
Barium,Dissolved	**6020**	--	0.01	0.0063	0.0065	0.0075
Beryllium	**6020**	--	--	--	--	--
Beryllium,Dissolved	**6020**	--	0.00008 U	0.00008 U	0.00008 U	0.00008 U
Boron,Dissolved	**6010B**	--	0.072	0.071	0.052	0.68
Cadmium	**6020**	--	--	--	--	--
Cadmium,Dissolved	**6020**	--	0.00004 U	0.00004 U	0.000057 J	0.00004 U
Calcium	**6010B**	--	--	--	--	--
Calcium,Dissolved	**6010B**	--	37	37	32	210
Chromium	**6020**	--	--	--	--	--
Chromium,Dissolved	**6020**	--	0.00066 J	0.0005 J	0.0005 U	0.00064 J
Cobalt	**6020**	--	--	--	--	--
Cobalt,Dissolved	**6020**	--	0.000053 J	0.000042 U	0.000054 U	0.0028
Copper	**6020**	--	--	--	--	--
Copper,Dissolved	**6020**	--	0.00056 U	0.00056 U	0.00087 J	0.00056 U
HexavalentChromium	**7196A**	0.004 R	0.011 J	0.0081 J	0.004 UJ	0.004 UJ
HexavalentChromium,Dissolved	**7196A**	0.004 R	0.004 UJ	0.0047 J	0.004 UJ	0.004 UJ
Iron	**6010B**	--	--	--	--	--
Iron,Dissolved	**6010B**	--	0.022 U	0.022 U	0.022 U	3.2
Lead	**6020**	--	--	--	--	--
Lead,Dissolved	**6020**	--	0.00018 U	0.00018 U	0.00018 U	0.00018 U
Magnesium	**6010B**	--	--	--	--	--
Magnesium,Dissolved	**6010B**	--	13	13	9.8	68
Manganese	**6010B**	--	--	--	--	--
Manganese,Dissolved	**6010B**	--	--	--	--	--
Manganese,Dissolved	**6020**	--	0.00051 U	0.00031 U	0.00069 J	1.2
Mercury	**7470A**	--	--	--	--	--
Mercury,Dissolved	**7470A**	--	0.000034 U	0.00004 U	0.000027 U	--
Molybdenum,Dissolved	**6020**	--	0.012	0.014	0.0078	0.0042
Nickel	**6020**	--	--	--	--	--
Nickel,Dissolved	**6020**	--	0.00061 J	0.00056 J	0.00049 J	0.0051
Potassium	**6010B**	--	--	--	--	--
Potassium,Dissolved	**6010B**	--	4.8	4.8	3.8	14
Selenium	**6020**	--	--	--	--	--
Selenium,Dissolved	**6020**	--	0.0037 J	0.0035 J	0.0024 J	0.0007 U
Silver	**6020**	--	--	--	--	--
Silver,Dissolved	**6020**	--	0.000015 U	0.000018 J	0.000015 U	0.000015 U
Sodium	**6010B**	--	--	--	--	--
Sodium,Dissolved	**6010B**	--	68	67	49	170
Strontium	**6010B**	--	--	--	--	--
Strontium,Dissolved	**6010B**	--	--	--	--	--
Thallium	**6020**	--	--	--	--	--
Thallium,Dissolved	**6020**	--	0.000033 U	0.000026 U	0.00002 U	0.00002 U
Tin	**6020**	--	--	--	--	--
Tin,Dissolved	**6020**	--	--	--	--	--
Vanadium	**6020**	--	--	--	--	--
Vanadium,Dissolved	**6020**	--	0.0045 J	0.0051 J	0.0059 J	0.0018 J
Zinc	**6010B**	--	--	--	--	--
Zinc	**6020**	--	--	--	--	--
Zinc,Dissolved	**6010B**	--	--	--	--	--
Zinc,Dissolved	**6020**	--	0.002 U	0.002 U	0.0049 J	0.0032 J

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-146	PZ-147	PZ-147	PZ-148	PZ-149
SampleType:		Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-146_080311_01	PZ-147_042811_01	PZ-147_080911_01	PZ-148_042811_01	PZ-149_041111_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/3/2011	4/28/2011	8/9/2011	4/28/2011	4/11/2011
Analyte (mg/L)	**Method**					
Aluminum,Dissolved	**6010B**	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
Antimony	**6020**	--	--	--	--	--
Antimony,Dissolved	**6010B**	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U
Antimony,Dissolved	**6020**	--	--	--	--	--
Arsenic	**6020**	--	--	--	--	--
Arsenic,Dissolved	**6020**	0.06	0.0004 J	0.00032 J	0.00071 J	0.00089 J
Barium	**6020**	--	--	--	--	--
Barium,Dissolved	**6020**	0.021	0.035	0.033	0.032	0.047
Beryllium	**6020**	--	--	--	--	--
Beryllium,Dissolved	**6020**	0.00008 U	0.00008 U	0.00008 U	0.00008 U	0.00008 U
Boron,Dissolved	**6010B**	0.81	0.062	0.066	0.11	0.16
Cadmium	**6020**	--	--	--	--	--
Cadmium,Dissolved	**6020**	0.000047 J	0.000067 J	0.000044 J	0.000049 J	0.00013 J
Calcium	**6010B**	--	--	--	--	--
Calcium,Dissolved	**6010B**	210	67	57	72	150
Chromium	**6020**	--	--	--	--	--
Chromium,Dissolved	**6020**	0.00055 J	0.0005 U	0.0005 U	0.0005 U	0.0016 J
Cobalt	**6020**	--	--	--	--	--
Cobalt,Dissolved	**6020**	0.00066 J	0.000078 J	0.000067 J	0.00011 J	0.00016 J
Copper	**6020**	--	--	--	--	--
Copper,Dissolved	**6020**	0.00056 U	0.00083 J	0.00056 U	0.00056 U	0.0011 J
HexavalentChromium	**7196A**	0.004 UJ	0.004 UJ	0.0056 J	0.004 UJ	--
HexavalentChromium,Dissolved	**7196A**	0.004 UJ	0.004 UJ	0.004 UJ	0.004 UJ	--
Iron	**6010B**	--	--	--	--	--
Iron,Dissolved	**6010B**	18	0.022 U	0.022 U	0.022 U	0.022 U
Lead	**6020**	--	--	--	--	--
Lead,Dissolved	**6020**	0.00018 U	0.00018 U	0.00018 U	0.00018 U	0.00018 U
Magnesium	**6010B**	--	--	--	--	--
Magnesium,Dissolved	**6010B**	88	16	15	20	35
Manganese	**6010B**	--	--	--	--	--
Manganese,Dissolved	**6010B**	--	--	--	--	--
Manganese,Dissolved	**6020**	1.6	0.00074 U	0.0026	0.018	0.076
Mercury	**7470A**	--	--	--	--	--
Mercury,Dissolved	**7470A**	--	--	--	--	--
Molybdenum,Dissolved	**6020**	0.0026	0.0022	0.0015 U	0.007	0.013
Nickel	**6020**	--	--	--	--	--
Nickel,Dissolved	**6020**	0.0026	0.00093 J	0.00069 U	0.00078 J	0.0026
Potassium	**6010B**	--	--	--	--	--
Potassium,Dissolved	**6010B**	20	1.2	0.87 J	3.2	8.7
Selenium	**6020**	--	--	--	--	--
Selenium,Dissolved	**6020**	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U
Silver	**6020**	--	--	--	--	--
Silver,Dissolved	**6020**	0.000035 UJ	0.000015 U	0.000015 U	0.000015 U	0.00016 J
Sodium	**6010B**	--	--	--	--	--
Sodium,Dissolved	**6010B**	230	37	28	66	89
Strontium	**6010B**	--	--	--	--	--
Strontium,Dissolved	**6010B**	--	--	--	--	--
Thallium	**6020**	--	--	--	--	--
Thallium,Dissolved	**6020**	0.000076 U	0.00002 U	0.00002 U	0.00008 J	0.00002 U
Tin	**6020**	--	--	--	--	--
Tin,Dissolved	**6020**	--	--	--	--	--
Vanadium	**6020**	--	--	--	--	--
Vanadium,Dissolved	**6020**	0.0035 J	0.00099 J	0.00082 J	0.0014 J	0.0018 J
Zinc	**6010B**	--	--	--	--	--
Zinc	**6020**	--	--	--	--	--
Zinc,Dissolved	**6010B**	--	--	--	--	--
Zinc,Dissolved	**6020**	0.002 U	0.0029 J	0.002 U	0.002 U	0.0023 J

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-149	PZ-152	PZ-154	PZ-154	PZ-154
SampleType:		Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-149_072811_01A	PZ-152_042911_01	PZ-154_012811_01	PZ-154_042111_01	PZ-154_072711_01A
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/28/2011	4/29/2011	1/28/2011	4/21/2011	7/27/2011
Analyte (mg/L)	**Method**					
Aluminum,Dissolved	**6010B**	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
Antimony	**6020**	--	--	--	--	--
Antimony,Dissolved	**6010B**	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U
Antimony,Dissolved	**6020**	--	--	--	--	--
Arsenic	**6020**	--	--	--	--	--
Arsenic,Dissolved	**6020**	0.00085 J	0.0022 J	0.002 J	0.0021 J	0.0028 J
Barium	**6020**	--	--	--	--	--
Barium,Dissolved	**6020**	0.044	0.01	0.03	0.03	0.035
Beryllium	**6020**	--	--	--	--	--
Beryllium,Dissolved	**6020**	0.00008 U	0.00008 U	0.00008 U	0.00008 U	0.00008 U
Boron,Dissolved	**6010B**	0.13	0.39	0.22	0.39 U	0.18
Cadmium	**6020**	--	--	--	--	--
Cadmium,Dissolved	**6020**	0.000061 J	0.00018 J	0.00004 U	0.00014 J	0.00015 J
Calcium	**6010B**	--	--	--	--	--
Calcium,Dissolved	**6010B**	150	140	110	330 U	95
Chromium	**6020**	--	--	--	--	--
Chromium,Dissolved	**6020**	0.0011 J	0.0005 U	0.0005 U	0.00086 J	0.0005 U
Cobalt	**6020**	--	--	--	--	--
Cobalt,Dissolved	**6020**	0.00019 J	0.00015 J	0.0004 J	0.00037 J	0.00063 J
Copper	**6020**	--	--	--	--	--
Copper,Dissolved	**6020**	0.0013 J	0.00056 U	0.00086 J	0.0014 J	0.001 J
HexavalentChromium	**7196A**	--	--	--	--	--
HexavalentChromium,Dissolved	**7196A**	--	--	--	--	--
Iron	**6010B**	--	--	--	--	--
Iron,Dissolved	**6010B**	0.025 J	0.022 U	0.089 U	0.022 U	0.022 U
Lead	**6020**	--	--	--	--	--
Lead,Dissolved	**6020**	0.00018 U	0.00018 U	0.00018 U	0.00066 J	0.00018 U
Magnesium	**6010B**	--	--	--	--	--
Magnesium,Dissolved	**6010B**	33	21	51	33 U	43
Manganese	**6010B**	--	--	--	--	--
Manganese,Dissolved	**6010B**	--	--	--	--	--
Manganese,Dissolved	**6020**	0.099	0.048	0.027	0.02	0.12
Mercury	**7470A**	--	--	--	--	--
Mercury,Dissolved	**7470A**	--	--	--	--	--
Molybdenum,Dissolved	**6020**	0.0079	0.003	0.015	0.014	0.013
Nickel	**6020**	--	--	--	--	--
Nickel,Dissolved	**6020**	0.0018 J	0.002	0.0042	0.0033	0.0029 U
Potassium	**6010B**	--	--	--	--	--
Potassium,Dissolved	**6010B**	7.2	4.6	8	2.1 U	18
Selenium	**6020**	--	--	--	--	--
Selenium,Dissolved	**6020**	0.0007 U	0.003 J	0.0016 J	0.0018 J	0.0007 U
Silver	**6020**	--	--	--	--	--
Silver,Dissolved	**6020**	0.000053 U	0.000015 U	0.000035 J	0.000023 J	0.000033 U
Sodium	**6010B**	--	--	--	--	--
Sodium,Dissolved	**6010B**	89	79	140	490 U	120
Strontium	**6010B**	--	--	--	--	--
Strontium,Dissolved	**6010B**	--	--	--	--	--
Thallium	**6020**	--	--	--	--	--
Thallium,Dissolved	**6020**	0.00002 U	0.00002 U	0.000056 J	0.000067 J	0.00006 U
Tin	**6020**	--	--	--	--	--
Tin,Dissolved	**6020**	--	--	--	--	--
Vanadium	**6020**	--	--	--	--	--
Vanadium,Dissolved	**6020**	0.0016 J	0.0026 J	0.0024 J	0.0035 J	0.0028 J
Zinc	**6010B**	--	--	--	--	--
Zinc	**6020**	--	--	--	--	--
Zinc,Dissolved	**6010B**	--	--	--	--	--
Zinc,Dissolved	**6020**	0.0023 J	0.0043 J	0.002 U	0.0047 J	0.0036 J

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-155	PZ-155	PZ-157	PZ-158	PZ-158
SampleType:		Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-155_041211_01	PZ-155_072911_01A	PZ-157_072211_01	PZ-158_013111_01	PZ-158_042911_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/12/2011	7/29/2011	7/22/2011	1/31/2011	4/29/2011
Analyte (mg/L)	**Method**					
Aluminum,Dissolved	**6010B**	0.018 U	0.018 U	0.018 U	0.35	0.018 U
Antimony	**6020**	--	--	--	--	--
Antimony,Dissolved	**6010B**	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U
Antimony,Dissolved	**6020**	--	--	--	--	--
Arsenic	**6020**	--	--	--	--	--
Arsenic,Dissolved	**6020**	0.002 J	0.0019 J	0.0025 J	0.003 J	0.0028 J
Barium	**6020**	--	--	--	--	--
Barium,Dissolved	**6020**	0.012	0.014	0.0081	0.015	0.007
Beryllium	**6020**	--	--	--	--	--
Beryllium,Dissolved	**6020**	0.00008 U	0.00008 U	0.00008 U	0.00008 U	0.00008 U
Boron,Dissolved	**6010B**	0.19	0.16	0.41	0.37	0.28
Cadmium	**6020**	--	--	--	--	--
Cadmium,Dissolved	**6020**	0.00004 U	0.0001 J	0.00004 U	0.00013 J	0.000046 J
Calcium	**6010B**	--	--	--	--	--
Calcium,Dissolved	**6010B**	170	180	100	140	130
Chromium	**6020**	--	--	--	--	--
Chromium,Dissolved	**6020**	0.0005 U	0.0005 U	0.0005 U	0.002 J	0.00051 J
Cobalt	**6020**	--	--	--	--	--
Cobalt,Dissolved	**6020**	0.00084 J	0.00086 J	0.0001 J	0.0012	0.00014 J
Copper	**6020**	--	--	--	--	--
Copper,Dissolved	**6020**	0.0008 J	0.001 J	0.00089 J	0.0026	0.00083 J
HexavalentChromium	**7196A**	--	--	--	--	--
HexavalentChromium,Dissolved	**7196A**	--	--	--	--	--
Iron	**6010B**	--	--	--	--	--
Iron,Dissolved	**6010B**	0.022 U	0.022 U	0.022 U	0.56	0.022 U
Lead	**6020**	--	--	--	--	--
Lead,Dissolved	**6020**	0.00018 U	0.00018 U	0.00018 U	0.0004 J	0.00018 U
Magnesium	**6010B**	--	--	--	--	--
Magnesium,Dissolved	**6010B**	35	32	40	70	56
Manganese	**6010B**	--	--	--	--	--
Manganese,Dissolved	**6010B**	--	--	--	--	--
Manganese,Dissolved	**6020**	0.033	1.1	0.0072	0.058	0.0044 U
Mercury	**7470A**	--	--	--	--	--
Mercury,Dissolved	**7470A**	--	--	--	--	--
Molybdenum,Dissolved	**6020**	0.0051	0.005	0.0065	0.027	0.017
Nickel	**6020**	--	--	--	--	--
Nickel,Dissolved	**6020**	0.004	0.0044	0.0015 U	0.003	0.0013 J
Potassium	**6010B**	--	--	--	--	--
Potassium,Dissolved	**6010B**	7.4	6.4	13	16	11
Selenium	**6020**	--	--	--	--	--
Selenium,Dissolved	**6020**	0.0007 U	0.0007 U	0.0007 U	0.0033 J	0.0014 J
Silver	**6020**	--	--	--	--	--
Silver,Dissolved	**6020**	0.000015 U	0.000015 U	0.000015 U	0.000029 U	0.000015 U
Sodium	**6010B**	--	--	--	--	--
Sodium,Dissolved	**6010B**	150	120	150	140	100
Strontium	**6010B**	--	--	--	--	--
Strontium,Dissolved	**6010B**	--	--	--	--	--
Thallium	**6020**	--	--	--	--	--
Thallium,Dissolved	**6020**	0.00002 U	0.000061 U	0.00002 U	0.00003 J	0.00002 U
Tin	**6020**	--	--	--	--	--
Tin,Dissolved	**6020**	--	--	--	--	--
Vanadium	**6020**	--	--	--	--	--
Vanadium,Dissolved	**6020**	0.0027 J	0.0022 J	0.0024 J	0.0043 J	0.003 J
Zinc	**6010B**	--	--	--	--	--
Zinc	**6020**	--	--	--	--	--
Zinc,Dissolved	**6010B**	--	--	--	--	--
Zinc,Dissolved	**6020**	0.002 U	0.0034 J	0.0035 J	0.0081 J	0.002 J

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-158	PZ-159	PZ-159	PZ-159	RD-08
SampleType:		Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-158_072211_01	PZ-159_011911_01	PZ-159_041311_01	PZ-159_072211_01	RD-08_041111_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/22/2011	1/19/2011	4/13/2011	7/22/2011	4/11/2011
Analyte (mg/L)	**Method**					
Aluminum,Dissolved	**6010B**	0.069 J	2.5 J	0.018 U	0.6	--
Antimony	**6020**	--	--	--	--	0.00007 U
Antimony,Dissolved	**6010B**	0.0031 U	0.0031 U	0.0031 U	0.0031 U	--
Antimony,Dissolved	**6020**	--	--	--	--	0.0001 J
Arsenic	**6020**	--	--	--	--	0.00021 U
Arsenic,Dissolved	**6020**	0.0026 J	0.0017 J	0.001 J	0.0019 J	0.00021 U
Barium	**6020**	--	--	--	--	0.0086
Barium,Dissolved	**6020**	0.012	0.015	0.0099	0.025	0.0083
Beryllium	**6020**	--	--	--	--	0.00008 U
Beryllium,Dissolved	**6020**	0.00008 U	0.000088 J	0.00008 U	0.00008 U	0.00008 U
Boron,Dissolved	**6010B**	0.29	0.067	0.044 J	0.069	--
Cadmium	**6020**	--	--	--	--	0.00004 U
Cadmium,Dissolved	**6020**	0.00012 J	0.00015 J	0.00004 U	0.0065	0.00004 U
Calcium	**6010B**	--	--	--	--	--
Calcium,Dissolved	**6010B**	120	52	45	80	--
Chromium	**6020**	--	--	--	--	0.0005 U
Chromium,Dissolved	**6020**	0.00058 J	0.0014 J	0.0005 U	0.0014 J	0.0005 U
Cobalt	**6020**	--	--	--	--	0.000071 J
Cobalt,Dissolved	**6020**	0.00037 J	0.00069 J	0.000071 J	0.00079 J	0.000055 J
Copper	**6020**	--	--	--	--	0.00056 U
Copper,Dissolved	**6020**	0.001 J	0.0019 J	0.00063 J	0.0029	0.00056 U
HexavalentChromium	**7196A**	--	--	--	--	--
HexavalentChromium,Dissolved	**7196A**	--	--	--	--	--
Iron	**6010B**	--	--	--	--	--
Iron,Dissolved	**6010B**	0.087 J	3.5	0.022 U	0.84	--
Lead	**6020**	--	--	--	--	0.00018 U
Lead,Dissolved	**6020**	0.00018 U	0.0005 J	0.00018 U	0.0009 J	0.00018 U
Magnesium	**6010B**	--	--	--	--	--
Magnesium,Dissolved	**6010B**	59	16	12	20	--
Manganese	**6010B**	--	--	--	--	--
Manganese,Dissolved	**6010B**	--	--	--	--	--
Manganese,Dissolved	**6020**	0.021	0.025	0.00069 U	0.069	--
Mercury	**7470A**	--	--	--	--	0.000027 U
Mercury,Dissolved	**7470A**	--	--	--	--	0.000027 U
Molybdenum,Dissolved	**6020**	0.022	0.0015	0.004	0.0023	--
Nickel	**6020**	--	--	--	--	0.0003 U
Nickel,Dissolved	**6020**	0.0019 J	0.0022	0.0012 J	0.003	0.0003 U
Potassium	**6010B**	--	--	--	--	--
Potassium,Dissolved	**6010B**	12	2.6	1.5	2.7	--
Selenium	**6020**	--	--	--	--	0.0007 U
Selenium,Dissolved	**6020**	0.0017 J	0.0007 U	0.0011 J	0.0007 U	0.0007 U
Silver	**6020**	--	--	--	--	0.000015 U
Silver,Dissolved	**6020**	0.000015 U	0.000028 U	0.000015 U	0.000015 U	0.000015 U
Sodium	**6010B**	--	--	--	--	--
Sodium,Dissolved	**6010B**	110	40	44	42	--
Strontium	**6010B**	--	--	--	--	--
Strontium,Dissolved	**6010B**	--	--	--	--	--
Thallium	**6020**	--	--	--	--	0.00002 U
Thallium,Dissolved	**6020**	0.000022 U	0.000033 J	0.00002 U	0.000041 U	0.00002 U
Tin	**6020**	--	--	--	--	0.00017 U
Tin,Dissolved	**6020**	--	--	--	--	0.00035 U
Vanadium	**6020**	--	--	--	--	0.00014 U
Vanadium,Dissolved	**6020**	0.003 J	0.0035 J	0.0016 J	0.0042 J	0.00014 U
Zinc	**6010B**	--	--	--	--	--
Zinc	**6020**	--	--	--	--	0.002 J
Zinc,Dissolved	**6010B**	--	--	--	--	--
Zinc,Dissolved	**6020**	0.0059 J	0.011	0.0045 J	0.016	0.002 U

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-104	RD-11	RD-12	RD-13	RD-18	RD-19
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-104_042911_01	RD-11_041111_01	RD-12_041111_01	RD-13_011311_01	RD-18_071811_01	RD-19_071811_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/29/2011	4/11/2011	4/11/2011	1/13/2011	7/18/2011	7/18/2011
Analyte (mg/L)	**Method**						
Aluminum,Dissolved	**6010B**	--	--	--	--	--	--
Antimony	**6020**	0.00019 J	0.000085 J	0.00007 U	0.00023 J	0.00021 J	0.00007 U
Antimony,Dissolved	**6010B**	--	--	--	--	--	--
Antimony,Dissolved	**6020**	0.0001 J	0.00016 J	0.000074 J	0.00028 J	0.00022 J	0.00007 U
Arsenic	**6020**	0.0009 J	0.00073 J	0.00021 U	0.0014 J	0.0011 J	0.0003 J
Arsenic,Dissolved	**6020**	0.00021 J	0.00075 J	0.00021 U	0.0014 J	0.0011 J	0.00036 J
Barium	**6020**	0.064	0.024	0.038	0.048	0.066	0.079
Barium,Dissolved	**6020**	0.047	0.024	0.034	0.047	0.061	0.078
Beryllium	**6020**	0.00008 U	0.00008 U	0.00008 U	0.00008 U	0.00008 U	0.00008 U
Beryllium,Dissolved	**6020**	0.00008 U	0.00008 U	0.00008 U	0.00008 U	0.00008 U	0.00008 U
Boron,Dissolved	**6010B**	--	--	--	--	--	--
Cadmium	**6020**	0.000071 J	0.00004 U	0.00004 U	0.00004 U	0.000058 J	0.000042 J
Cadmium,Dissolved	**6020**	0.00004 J	0.00004 J	0.00004 U	0.000052 J	0.000067 J	0.00004 J
Calcium	**6010B**	100	--	--	91	--	--
Calcium,Dissolved	**6010B**	100	--	--	90	--	--
Chromium	**6020**	0.00074 J	0.0005 U	0.0005 U	0.00059 J	0.0005 U	0.0005 U
Chromium,Dissolved	**6020**	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Cobalt	**6020**	0.0025	0.00042 J	0.00057 J	0.00022 J	0.000079 J	0.00017 J
Cobalt,Dissolved	**6020**	0.0019	0.0004 J	0.0005 J	0.00021 J	0.000055 J	0.00014 J
Copper	**6020**	0.002	0.0012 J	0.00056 U	0.0056	0.001 J	0.00056 U
Copper,Dissolved	**6020**	0.00056 U	0.00056 U	0.00056 U	0.0018 J	0.00056 U	0.00056 U
HexavalentChromium	**7196A**	--	--	--	--	--	--
HexavalentChromium,Dissolved	**7196A**	--	--	--	--	--	--
Iron	**6010B**	7.7	--	--	0.033 J	--	--
Iron,Dissolved	**6010B**	8.1	--	--	0.022 U	--	--
Lead	**6020**	0.00084 J	0.00018 U	0.00018 U	0.0022	0.00033 J	0.00018 U
Lead,Dissolved	**6020**	0.00018 U	0.00018 U	0.00019 J	0.0013 J	0.00018 U	0.00018 U
Magnesium	**6010B**	29	--	--	11	--	--
Magnesium,Dissolved	**6010B**	31	--	--	11	--	--
Manganese	**6010B**	0.35	--	--	0.0053 J	--	--
Manganese,Dissolved	**6010B**	0.35	--	--	0.0039 J	--	--
Manganese,Dissolved	**6020**	--	--	--	--	--	--
Mercury	**7470A**	0.000027 U	0.000027 U	0.000027 U	0.000027 U	--	--
Mercury,Dissolved	**7470A**	0.000027 U	0.000027 U	0.000027 U	0.000027 U	--	--
Molybdenum,Dissolved	**6020**	--	--	--	--	--	--
Nickel	**6020**	0.0052	0.0059	0.0019 J	0.0026	0.0018 J	0.0022
Nickel,Dissolved	**6020**	0.0044	0.0059	0.0018 J	0.0021 U	0.0013 J	0.0018 J
Potassium	**6010B**	5.8	--	--	3.7 J	--	--
Potassium,Dissolved	**6010B**	5.6	--	--	3.7 J	--	--
Selenium	**6020**	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U
Selenium,Dissolved	**6020**	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U
Silver	**6020**	0.000016 J	0.000015 U	0.000015 U	0.000015 U	0.000015 U	0.000015 U
Silver,Dissolved	**6020**	0.000015 U	0.000019 J	0.000015 U	0.000015 U	0.000015 U	0.000015 U
Sodium	**6010B**	83	--	--	49	40	91
Sodium,Dissolved	**6010B**	84	--	--	49	41	88
Strontium	**6010B**	0.34	--	--	0.5	--	--
Strontium,Dissolved	**6010B**	0.33	--	--	0.49	--	--
Thallium	**6020**	0.000051 U	0.000021 U	0.00002 U	0.000068 U	0.000024 U	0.00002 U
Thallium,Dissolved	**6020**	0.000021 J	0.000035 U	0.00002 U	0.000061 U	0.000026 J	0.00002 J
Tin	**6020**	0.00017 U	0.00017 U	0.00017 U	0.00037 U	0.00077 U	0.00077 U
Tin,Dissolved	**6020**	0.00017 U	0.00045 U	0.0002 U	0.00024 U	0.00077 U	0.00077 U
Vanadium	**6020**	0.0022 J	0.00032 J	0.00014 U	0.0016 J	0.0037 J	0.0012 J
Vanadium,Dissolved	**6020**	0.00014 U	0.00028 J	0.00014 U	0.0015 J	0.0033 J	0.0012 J
Zinc	**6010B**	--	--	--	--	--	--
Zinc	**6020**	0.0078 J	0.11	0.15	0.086	0.52	0.049
Zinc,Dissolved	**6010B**	--	--	--	--	--	--
Zinc,Dissolved	**6020**	0.003 J	0.11	0.096	0.083	0.48	0.048

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-33A (Port 2)	RD-33B	RD-33C	RD-34A	RD-34C
SampleType:		Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-33A_072111_01	RD-33B_071211_01	RD-33C_071211_01	RD-34A_071211_01	RD-34C_071211_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/21/2011	7/12/2011	7/12/2011	7/12/2011	7/12/2011
Analyte (mg/L)	**Method**					
Aluminum,Dissolved	**6010B**	--	--	--	--	--
Antimony	**6020**	0.00023 J	0.00007 U	0.00015 J	0.000082 J	0.00007 U
Antimony,Dissolved	**6010B**	--	--	--	--	--
Antimony,Dissolved	**6020**	0.00018 J	0.00007 U	0.00007 U	0.000093 U	0.00007 U
Arsenic	**6020**	0.0011 J	0.00021 U	0.00021 U	0.00021 U	0.00021 U
Arsenic,Dissolved	**6020**	0.00086 J	0.00021 U	0.00021 U	0.00021 U	0.00021 U
Barium	**6020**	0.054	0.11	0.045	0.048	0.069
Barium,Dissolved	**6020**	0.052	0.11	0.045	0.049	0.067
Beryllium	**6020**	0.00008 U	0.00008 U	0.00008 U	0.00008 U	0.00008 U
Beryllium,Dissolved	**6020**	0.00008 U	0.00008 U	0.00008 U	0.00008 U	0.00008 U
Boron,Dissolved	**6010B**	--	--	--	--	--
Cadmium	**6020**	0.000084 J	0.00004 U	0.00004 U	0.000047 J	0.000098 J
Cadmium,Dissolved	**6020**	0.00004 U	0.00004 U	0.00004 U	0.00005 J	0.00004 U
Calcium	**6010B**	--	--	--	--	--
Calcium,Dissolved	**6010B**	--	--	--	--	--
Chromium	**6020**	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Chromium,Dissolved	**6020**	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Cobalt	**6020**	0.00014 J	0.00019 J	0.00014 J	0.00011 J	0.00094 J
Cobalt,Dissolved	**6020**	0.000055 J	0.00022 J	0.000054 U	0.00011 J	0.000054 U
Copper	**6020**	0.063	0.00056 U	0.00056 U	0.00056 U	0.00056 U
Copper,Dissolved	**6020**	0.0026	0.00056 U	0.00056 U	0.00056 U	0.00056 U
HexavalentChromium	**7196A**	--	--	--	--	--
HexavalentChromium,Dissolved	**7196A**	--	--	--	--	--
Iron	**6010B**	--	--	--	--	--
Iron,Dissolved	**6010B**	--	--	--	--	--
Lead	**6020**	0.013	0.00018 U	0.0011 J	0.00018 U	0.002
Lead,Dissolved	**6020**	0.00051 J	0.00018 U	0.00018 U	0.00018 U	0.00018 U
Magnesium	**6010B**	--	--	--	--	--
Magnesium,Dissolved	**6010B**	--	--	--	--	--
Manganese	**6010B**	--	--	--	--	--
Manganese,Dissolved	**6010B**	--	--	--	--	--
Manganese,Dissolved	**6020**	--	--	--	--	--
Mercury	**7470A**	--	--	--	--	--
Mercury,Dissolved	**7470A**	--	--	--	--	--
Molybdenum,Dissolved	**6020**	--	--	--	--	--
Nickel	**6020**	0.0016 J	0.00082 J	0.0005 J	0.0019 J	0.001 J
Nickel,Dissolved	**6020**	0.00098 U	0.00075 J	0.00043 J	0.0022	0.00044 J
Potassium	**6010B**	--	--	--	--	--
Potassium,Dissolved	**6010B**	--	--	--	--	--
Selenium	**6020**	0.0007 U	0.0007 UJ	0.0007 UJ	0.0034 J	0.0007 UJ
Selenium,Dissolved	**6020**	0.0007 U	0.0007 U	0.0007 U	0.0038 J	0.0007 U
Silver	**6020**	0.000021 J	0.000015 U	0.000015 U	0.000015 U	0.000015 U
Silver,Dissolved	**6020**	0.000015 U	0.000015 U	0.000015 U	0.000015 U	0.000015 U
Sodium	**6010B**	--	--	--	75	39
Sodium,Dissolved	**6010B**	--	--	--	76	40
Strontium	**6010B**	--	--	--	--	--
Strontium,Dissolved	**6010B**	--	--	--	--	--
Thallium	**6020**	0.000025 U	0.00002 U	0.00002 U	0.000033 U	0.000044 U
Thallium,Dissolved	**6020**	0.00002 U	0.00002 U	0.00002 U	0.000036 U	0.000042 U
Tin	**6020**	0.00077 U	0.00077 U	0.00077 U	0.00077 U	0.00077 U
Tin,Dissolved	**6020**	0.00077 U	0.00077 U	0.00077 U	0.00077 U	0.00077 U
Vanadium	**6020**	0.00017 J	0.00014 U	0.00014 U	0.00049 J	0.00014 U
Vanadium,Dissolved	**6020**	0.00014 U	0.00014 U	0.00014 U	0.00044 J	0.00014 U
Zinc	**6010B**	--	--	--	--	--
Zinc	**6020**	0.18	0.013 J	0.23	0.021	1.8
Zinc,Dissolved	**6010B**	--	--	--	--	--
Zinc,Dissolved	**6020**	0.01 J	0.002 U	0.002 U	0.021	0.002 U

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-41A	RD-41A	RD-49A	RD-49A	RD-49B
SampleType:		Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-41A_013111_01	RD-41A_041111_01	RD-49A_012811_01	RD-49A_041511_01	RD-49B_012111_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/31/2011	4/11/2011	1/28/2011	4/15/2011	1/21/2011
Analyte (mg/L)	**Method**					
Aluminum,Dissolved	**6010B**	--	--	--	--	--
Antimony	**6020**	--	--	--	--	--
Antimony,Dissolved	**6010B**	--	--	--	--	--
Antimony,Dissolved	**6020**	--	--	--	--	--
Arsenic	**6020**	--	--	--	--	--
Arsenic,Dissolved	**6020**	--	--	--	--	--
Barium	**6020**	--	--	--	--	--
Barium,Dissolved	**6020**	--	--	--	--	--
Beryllium	**6020**	--	--	--	--	--
Beryllium,Dissolved	**6020**	--	--	--	--	--
Boron,Dissolved	**6010B**	--	--	--	--	--
Cadmium	**6020**	--	--	--	--	--
Cadmium,Dissolved	**6020**	--	--	--	--	--
Calcium	**6010B**	160	150	160	160	180
Calcium,Dissolved	**6010B**	150	150	160	160 J	160
Chromium	**6020**	--	--	--	--	--
Chromium,Dissolved	**6020**	--	--	--	--	--
Cobalt	**6020**	--	--	--	--	--
Cobalt,Dissolved	**6020**	--	--	--	--	--
Copper	**6020**	--	--	--	--	--
Copper,Dissolved	**6020**	--	--	--	--	--
HexavalentChromium	**7196A**	--	--	--	--	--
HexavalentChromium,Dissolved	**7196A**	--	--	--	--	--
Iron	**6010B**	2.5	0.046 J	1.9	2.3	2
Iron,Dissolved	**6010B**	1.7	0.022 U	1.3	1.8	0.96
Lead	**6020**	--	--	--	--	--
Lead,Dissolved	**6020**	--	--	--	--	--
Magnesium	**6010B**	27	27	100	110	28
Magnesium,Dissolved	**6010B**	27	26	110	100	26
Manganese	**6010B**	0.084	0.02	0.63	0.64	0.15
Manganese,Dissolved	**6010B**	0.082	0.019	0.64	0.69	0.12
Manganese,Dissolved	**6020**	--	--	--	--	--
Mercury	**7470A**	--	--	--	--	--
Mercury,Dissolved	**7470A**	--	--	--	--	--
Molybdenum,Dissolved	**6020**	--	--	--	--	--
Nickel	**6020**	--	--	--	--	--
Nickel,Dissolved	**6020**	--	--	--	--	--
Potassium	**6010B**	4.2 J	3.7 J	7.6	7.8	5.1
Potassium,Dissolved	**6010B**	4 J	3.8 J	7.5	7.7	4.7 J
Selenium	**6020**	--	--	--	--	--
Selenium,Dissolved	**6020**	--	--	--	--	--
Silver	**6020**	--	--	--	--	--
Silver,Dissolved	**6020**	--	--	--	--	--
Sodium	**6010B**	83	110	150	150	57
Sodium,Dissolved	**6010B**	83	100	150	140	52
Strontium	**6010B**	0.49	0.44	1.4	1.4	0.62
Strontium,Dissolved	**6010B**	0.48	0.44	1.4	1.4	0.55
Thallium	**6020**	--	--	--	--	--
Thallium,Dissolved	**6020**	--	--	--	--	--
Tin	**6020**	--	--	--	--	--
Tin,Dissolved	**6020**	--	--	--	--	--
Vanadium	**6020**	--	--	--	--	--
Vanadium,Dissolved	**6020**	--	--	--	--	--
Zinc	**6010B**	3.1	2.1	0.049	0.064	4.3
Zinc	**6020**	--	--	--	--	--
Zinc,Dissolved	**6010B**	3	2	0.044	0.045	3.3
Zinc,Dissolved	**6020**	--	--	--	--	--

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-49B	RD-49B	RD-49C	RD-50 (Port 2)	RD-50 (Port 2)
SampleType:		Primary	Field Duplicate	Primary	Primary	Split
Sample Name:		RD-49B_041511_01	RD-49B_041511_36	RD-49C_041511_01	RD-50_072111_01	RD-50_072111_03
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine
Collection Date:		4/15/2011	4/15/2011	4/15/2011	7/21/2011	7/21/2011
Analyte (mg/L)	**Method**					
Aluminum,Dissolved	**6010B**	--	--	--	--	--
Antimony	**6020**	--	--	0.00023 J	0.00039 J	0.00068 J
Antimony,Dissolved	**6010B**	--	--	--	--	--
Antimony,Dissolved	**6020**	--	--	0.00023 J	0.00048 J	0.00048 J
Arsenic	**6020**	--	--	0.00058 J	0.011	0.01
Arsenic,Dissolved	**6020**	--	--	0.00062 J	0.011	0.0097
Barium	**6020**	--	--	0.073	0.051	0.05
Barium,Dissolved	**6020**	--	--	0.072	0.052	0.048
Beryllium	**6020**	--	--	0.00008 U	0.00008 U	0.0001 U
Beryllium,Dissolved	**6020**	--	--	0.00008 U	0.00008 U	0.0001 U
Boron,Dissolved	**6010B**	--	--	--	--	--
Cadmium	**6020**	--	--	0.00004 U	0.00004 U	0.0001 U
Cadmium,Dissolved	**6020**	--	--	0.00004 U	0.00004 U	0.0001 U
Calcium	**6010B**	160	160	--	--	--
Calcium,Dissolved	**6010B**	160 J	160 J	--	--	--
Chromium	**6020**	--	--	0.0005 U	0.0005 U	0.0009 U
Chromium,Dissolved	**6020**	--	--	0.0005 U	0.0005 U	0.0009 U
Cobalt	**6020**	--	--	0.000076 J	0.00046 J	0.00048 J
Cobalt,Dissolved	**6020**	--	--	0.000066 J	0.00047 J	0.00042 J
Copper	**6020**	--	--	0.00057 J	0.00056 U	0.0005 U
Copper,Dissolved	**6020**	--	--	0.00056 U	0.00056 U	0.0005 U
HexavalentChromium	**7196A**	--	--	--	--	--
HexavalentChromium,Dissolved	**7196A**	--	--	--	--	--
Iron	**6010B**	0.87	0.9	--	--	--
Iron,Dissolved	**6010B**	0.53	0.56	--	--	--
Lead	**6020**	--	--	0.00027 J	0.00089 J	0.00093 J
Lead,Dissolved	**6020**	--	--	0.00025 J	0.0012 J	0.0011
Magnesium	**6010B**	25	25	--	--	--
Magnesium,Dissolved	**6010B**	23	23	--	--	--
Manganese	**6010B**	0.058	0.059	--	--	--
Manganese,Dissolved	**6010B**	0.055	0.057	--	--	--
Manganese,Dissolved	**6020**	--	--	--	--	--
Mercury	**7470A**	--	--	0.000027 U	--	--
Mercury,Dissolved	**7470A**	--	--	0.000027 U	--	--
Molybdenum,Dissolved	**6020**	--	--	--	--	--
Nickel	**6020**	--	--	0.00088 J	0.00064 J	0.00055 J
Nickel,Dissolved	**6020**	--	--	0.00076 J	0.00073 U	0.00058 J
Potassium	**6010B**	4.5 J	4.6 J	--	--	--
Potassium,Dissolved	**6010B**	4.6 J	4.6 J	--	--	--
Selenium	**6020**	--	--	0.0007 U	0.0053	0.0056
Selenium,Dissolved	**6020**	--	--	0.0007 U	0.0056	0.0046
Silver	**6020**	--	--	0.000021 J	0.000015 U	0.0001 U
Silver,Dissolved	**6020**	--	--	0.000017 J	0.000026 J	0.0001 U
Sodium	**6010B**	54	54	--	--	--
Sodium,Dissolved	**6010B**	53	53	--	--	--
Strontium	**6010B**	0.58	0.59	--	--	--
Strontium,Dissolved	**6010B**	0.59	0.59	--	--	--
Thallium	**6020**	--	--	0.00002 U	0.000054 U	0.0002 U
Thallium,Dissolved	**6020**	--	--	0.000021 U	0.000097 U	0.0002 U
Tin	**6020**	--	--	0.001 U	0.00077 U	0.005 U
Tin,Dissolved	**6020**	--	--	0.0005 U	0.00077 U	0.005 U
Vanadium	**6020**	--	--	0.00014 U	0.003 J	0.0034
Vanadium,Dissolved	**6020**	--	--	0.00014 U	0.0031 J	0.0025
Zinc	**6010B**	1.5	1.5	--	--	--
Zinc	**6020**	--	--	0.68	0.15	0.15
Zinc,Dissolved	**6010B**	1.4	1.4	--	--	--
Zinc,Dissolved	**6020**	--	--	0.76	0.16	0.15

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-54A (Port 2)	RD-55A	RD-57 (Port 7)	RD-58A	RD-58A
SampleType:		Primary	Primary	Primary	Primary	Split
Sample Name:		RD-54A_072111_01	RD-55A_011411_01	RD-57_072211_01	RD-58A_011411_01	RD-58A_011411_03
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine
Collection Date:		7/21/2011	1/14/2011	7/22/2011	1/14/2011	1/14/2011
Analyte (mg/L)	**Method**					
Aluminum,Dissolved	**6010B**	--	--	--	--	--
Antimony	**6020**	0.00007 U	0.00008 J	0.00018 J	0.00016 J	0.0003 U
Antimony,Dissolved	**6010B**	--	--	--	--	--
Antimony,Dissolved	**6020**	0.00007 U	0.00007 U	0.00017 J	0.00017 J	0.0003 U
Arsenic	**6020**	0.0023 J	0.00033 J	0.0038 J	0.00021 U	0.0009 U
Arsenic,Dissolved	**6020**	0.0022 J	0.00036 J	0.004 J	0.00021 U	0.0009 U
Barium	**6020**	0.045	0.066	0.044	0.07	0.061
Barium,Dissolved	**6020**	0.046	0.064	0.04	0.066	0.064
Beryllium	**6020**	0.00008 U	0.00008 U	0.00008 U	0.00008 U	0.0001 U
Beryllium,Dissolved	**6020**	0.00008 U	0.00008 U	0.00008 U	0.00008 U	0.0001 U
Boron,Dissolved	**6010B**	--	--	--	--	--
Cadmium	**6020**	0.00004 U	0.00004 U	0.000068 J	0.00004 U	0.0001 U
Cadmium,Dissolved	**6020**	0.00004 U	0.00004 U	0.000088 J	0.00004 U	0.0001 U
Calcium	**6010B**	--	120	--	160	150
Calcium,Dissolved	**6010B**	--	110	--	160	160
Chromium	**6020**	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0009 U
Chromium,Dissolved	**6020**	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0009 U
Cobalt	**6020**	0.00055 J	0.00026 J	0.00034 J	0.00032 J	0.00016 J
Cobalt,Dissolved	**6020**	0.00054 J	0.00024 J	0.00034 J	0.00029 J	0.00024 J
Copper	**6020**	0.0018 J	0.00056 U	0.0061	0.00056 U	0.00097 J
Copper,Dissolved	**6020**	0.0007 J	0.00056 U	0.0057	0.00056 U	0.0015 J
HexavalentChromium	**7196A**	--	--	--	--	--
HexavalentChromium,Dissolved	**7196A**	--	--	--	--	--
Iron	**6010B**	--	0.11	--	0.022 U	0.015 U
Iron,Dissolved	**6010B**	--	0.12	--	0.022 U	0.03 J
Lead	**6020**	0.00034 J	0.00018 U	0.0051	0.00018 U	0.0002 U
Lead,Dissolved	**6020**	0.00018 U	0.00018 U	0.0065	0.00018 U	0.0002 U
Magnesium	**6010B**	--	22	--	39	37
Magnesium,Dissolved	**6010B**	--	22	--	39	40
Manganese	**6010B**	--	0.0043 U	--	0.00076 U	0.007 U
Manganese,Dissolved	**6010B**	--	0.0047 J	--	0.00068 U	0.007 U
Manganese,Dissolved	**6020**	--	--	--	--	--
Mercury	**7470A**	--	0.000027 U	--	0.000027 U	0.0001 U
Mercury,Dissolved	**7470A**	--	0.000027 U	--	0.000027 U	0.0001 U
Molybdenum,Dissolved	**6020**	--	--	--	--	--
Nickel	**6020**	0.00076 J	0.003	0.0017 J	0.0045	0.0005 U
Nickel,Dissolved	**6020**	0.00085 U	0.0026 U	0.0015 J	0.004 U	0.0026 U
Potassium	**6010B**	--	2.6 J	--	4.6 J	4 J
Potassium,Dissolved	**6010B**	--	2.5 J	--	4.4 J	4.3 J
Selenium	**6020**	0.0007 U	0.0007 U	0.0024 J	0.0007 U	0.0005 U
Selenium,Dissolved	**6020**	0.0007 U	0.0018 J	0.0024 J	0.0007 U	0.0005 U
Silver	**6020**	0.000015 U	0.000015 U	0.000015 U	0.000015 U	0.0001 U
Silver,Dissolved	**6020**	0.000022 J	0.000015 U	0.000015 U	0.000016 J	0.0001 U
Sodium	**6010B**	--	61	--	94	83
Sodium,Dissolved	**6010B**	--	60	--	91	89
Strontium	**6010B**	--	0.57	--	0.54	0.49
Strontium,Dissolved	**6010B**	--	0.55	--	0.52	0.52
Thallium	**6020**	0.000021 U	0.000026 U	0.00006 U	0.000059 U	0.0002 U
Thallium,Dissolved	**6020**	0.00003 U	0.00002 U	0.000033 J	0.000054 U	0.0002 U
Tin	**6020**	0.00077 U	0.00019 U	0.00077 U	0.001 U	0.005 U
Tin,Dissolved	**6020**	0.00077 U	0.00017 U	0.00077 U	0.00023 U	0.005 U
Vanadium	**6020**	0.00014 U	0.0016 J	0.0013 J	0.00014 U	0.0008 U
Vanadium,Dissolved	**6020**	0.00014 U	0.0016 J	0.0013 J	0.00014 U	0.0008 U
Zinc	**6010B**	--	--	--	--	--
Zinc	**6020**	0.0033 J	0.0028 J	0.081	0.29	0.26
Zinc,Dissolved	**6010B**	--	--	--	--	--
Zinc,Dissolved	**6020**	0.0065 J	0.003 U	0.079	0.29	0.27

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-59A	RD-59B	RD-59C	RD-63	RD-77
SampleType:		Primary	Primary	Primary	Primary	Primary
Sample Name:		RD-59A_071111_01	RD-59B_071111_01	RD-59C_071111_01	RD-63_071811_01	RD-77_020211_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/11/2011	7/11/2011	7/11/2011	7/18/2011	2/2/2011
Analyte (mg/L)	**Method**					
Aluminum,Dissolved	**6010B**	--	--	--	--	--
Antimony	**6020**	0.000092 U	0.00007 U	0.00007 U	0.00007 U	--
Antimony,Dissolved	**6010B**	--	--	--	--	--
Antimony,Dissolved	**6020**	0.00007 U	0.00007 U	0.00007 U	0.00007 U	--
Arsenic	**6020**	0.0009 J	0.00021 U	0.00021 U	0.00021 U	--
Arsenic,Dissolved	**6020**	0.00086 J	0.00021 U	0.00021 U	0.00021 U	--
Barium	**6020**	0.067	0.044	0.053	0.059	--
Barium,Dissolved	**6020**	0.067	0.043	0.052	0.058	--
Beryllium	**6020**	0.00008 U	0.00008 U	0.00008 U	0.00008 U	--
Beryllium,Dissolved	**6020**	0.00008 U	0.00008 U	0.00008 U	0.00008 U	--
Boron,Dissolved	**6010B**	--	--	--	--	--
Cadmium	**6020**	0.00004 U	0.00004 U	0.00004 U	0.00004 U	--
Cadmium,Dissolved	**6020**	0.00004 U	0.000055 J	0.00004 U	0.00004 U	--
Calcium	**6010B**	--	--	--	--	90
Calcium,Dissolved	**6010B**	--	--	--	--	87
Chromium	**6020**	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
Chromium,Dissolved	**6020**	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
Cobalt	**6020**	0.00036 J	0.000054 U	0.000063 J	0.00028 J	--
Cobalt,Dissolved	**6020**	0.00029 J	0.000054 U	0.000054 U	0.00026 J	--
Copper	**6020**	0.00056 U	0.0016 J	0.0026	0.00056 U	--
Copper,Dissolved	**6020**	0.00056 U	0.0009 J	0.00056 U	0.00056 U	--
HexavalentChromium	**7196A**	--	--	--	--	--
HexavalentChromium,Dissolved	**7196A**	--	--	--	--	--
Iron	**6010B**	--	--	--	--	0.072 U
Iron,Dissolved	**6010B**	--	--	--	--	0.022 U
Lead	**6020**	0.00018 U	0.002	0.002	0.00018 U	--
Lead,Dissolved	**6020**	0.00018 U	0.0027	0.002	0.00018 U	--
Magnesium	**6010B**	--	--	--	--	18
Magnesium,Dissolved	**6010B**	--	--	--	--	18
Manganese	**6010B**	--	--	--	--	0.0047 J
Manganese,Dissolved	**6010B**	--	--	--	--	0.0028 J
Manganese,Dissolved	**6020**	--	--	--	--	--
Mercury	**7470A**	--	--	--	--	--
Mercury,Dissolved	**7470A**	--	--	--	--	--
Molybdenum,Dissolved	**6020**	--	--	--	--	--
Nickel	**6020**	0.0022	0.00049 J	0.00039 J	0.0017 J	--
Nickel,Dissolved	**6020**	0.002	0.00044 J	0.0003 J	0.0014 J	--
Potassium	**6010B**	--	--	--	--	3.6 J
Potassium,Dissolved	**6010B**	--	--	--	--	3.3 J
Selenium	**6020**	0.0007 U	0.0007 U	0.0007 U	0.0012 J	--
Selenium,Dissolved	**6020**	0.0007 U	0.0007 U	0.0007 U	0.00072 J	--
Silver	**6020**	0.000015 U	0.000015 U	0.000015 U	0.000015 U	--
Silver,Dissolved	**6020**	0.000015 U	0.000015 U	0.000015 U	0.00002 J	--
Sodium	**6010B**	95	98	140	57	37
Sodium,Dissolved	**6010B**	97	99	140	58	33
Strontium	**6010B**	--	--	--	--	0.31 U
Strontium,Dissolved	**6010B**	--	--	--	--	0.3
Thallium	**6020**	0.00014 U	0.00002 U	0.00011 U	0.000049 U	--
Thallium,Dissolved	**6020**	0.00002 U	0.00002 U	0.000026 U	0.000064 J	--
Tin	**6020**	0.00077 U	0.00077 U	0.00077 U	0.00077 U	--
Tin,Dissolved	**6020**	0.00077 U	0.00077 U	0.00077 U	0.00077 U	--
Vanadium	**6020**	0.00038 J	0.00014 U	0.00014 U	0.00023 J	--
Vanadium,Dissolved	**6020**	0.00032 J	0.00014 U	0.00014 U	0.00014 J	--
Zinc	**6010B**	--	--	--	--	0.027
Zinc	**6020**	0.0069 J	0.019 J	0.015 J	0.11	--
Zinc,Dissolved	**6010B**	--	--	--	--	0.031
Zinc,Dissolved	**6020**	0.003 J	0.022	0.011 J	0.11	--

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-77	RD-85	RD-85	RD-86	RS-08	RS-13
SampleType:		Primary	Primary	Field Duplicate	Primary	Primary	Primary
Sample Name:		RD-77_042211_01	RD-85_071411_01	RD-85_071411_36	RD-86_071311_01	RS-08_041311_01	RS-13_042811_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/22/2011	7/14/2011	7/14/2011	7/13/2011	4/13/2011	4/28/2011
Analyte (mg/L)	**Method**						
Aluminum,Dissolved	**6010B**	--	--	--	--	--	0.018 U
Antimony	**6020**	--	0.000082 J	0.00009 J	0.00007 U	0.00025 J	--
Antimony,Dissolved	**6010B**	--	--	--	--	--	0.0034 U
Antimony,Dissolved	**6020**	--	0.000088 J	0.000074 J	0.00007 U	0.00023 J	--
Arsenic	**6020**	--	0.00043 J	0.00042 J	0.00093 J	0.0017 J	--
Arsenic,Dissolved	**6020**	--	0.00042 J	0.00041 J	0.00022 J	0.0019 J	0.0013 J
Barium	**6020**	--	0.039	0.039	0.05	0.046	--
Barium,Dissolved	**6020**	--	0.038	0.039	0.048	0.047	0.033
Beryllium	**6020**	--	0.00008 U	0.00008 U	0.00008 U	0.00008 U	--
Beryllium,Dissolved	**6020**	--	0.00008 U	0.00008 U	0.00008 U	0.00008 U	0.00008 U
Boron,Dissolved	**6010B**	--	--	--	--	--	0.11
Cadmium	**6020**	--	0.00079 J	0.00068 J	0.00016 J	0.000058 J	--
Cadmium,Dissolved	**6020**	--	0.00081 J	0.0008 J	0.00012 J	0.000058 J	0.00012 J
Calcium	**6010B**	88	--	--	--	--	--
Calcium,Dissolved	**6010B**	87	--	--	--	--	86
Chromium	**6020**	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
Chromium,Dissolved	**6020**	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Cobalt	**6020**	--	0.00013 J	0.00013 J	0.00026 J	0.00021 J	--
Cobalt,Dissolved	**6020**	--	0.00011 J	0.00011 J	0.00025 J	0.0002 J	0.000095 J
Copper	**6020**	--	0.00056 U	0.00069 J	0.00067 J	0.0025	--
Copper,Dissolved	**6020**	--	0.00056 U	0.00058 J	0.00056 U	0.0026	0.001 J
HexavalentChromium	**7196A**	--	--	--	--	--	--
HexavalentChromium,Dissolved	**7196A**	--	--	--	--	--	--
Iron	**6010B**	0.022 U	--	--	--	--	--
Iron,Dissolved	**6010B**	0.022 U	--	--	--	--	0.022 U
Lead	**6020**	--	0.00018 U	0.00018 U	0.00018 U	0.00018 U	--
Lead,Dissolved	**6020**	--	0.00018 U	0.00018 U	0.00018 U	0.00018 U	0.00018 U
Magnesium	**6010B**	17	--	--	--	--	--
Magnesium,Dissolved	**6010B**	18	--	--	--	--	20
Manganese	**6010B**	0.0027 J	--	--	--	--	--
Manganese,Dissolved	**6010B**	0.0023 J	--	--	--	--	--
Manganese,Dissolved	**6020**	--	--	--	--	--	0.0028 U
Mercury	**7470A**	--	--	--	--	0.000034 U	--
Mercury,Dissolved	**7470A**	--	--	--	--	0.000035 U	--
Molybdenum,Dissolved	**6020**	--	--	--	--	--	0.0033
Nickel	**6020**	--	0.0026	0.0026	0.016	0.0028	--
Nickel,Dissolved	**6020**	--	0.0022	0.0023	0.016	0.0028	0.0012 J
Potassium	**6010B**	3.4 J	--	--	--	--	--
Potassium,Dissolved	**6010B**	3.5 J	--	--	--	--	0.54 J
Selenium	**6020**	--	0.0007 U	0.0007 U	0.0007 U	0.0062	--
Selenium,Dissolved	**6020**	--	0.0007 U	0.0007 U	0.0007 U	0.0063	0.0007 U
Silver	**6020**	--	0.000015 U	0.000015 U	0.000015 U	0.000016 J	--
Silver,Dissolved	**6020**	--	0.000015 U	0.000015 U	0.000019 J	0.000015 U	0.000015 U
Sodium	**6010B**	34	87	86	95	--	--
Sodium,Dissolved	**6010B**	35	86	87	95	--	59
Strontium	**6010B**	0.3	--	--	--	--	--
Strontium,Dissolved	**6010B**	0.3	--	--	--	--	--
Thallium	**6020**	--	0.000037 J	0.000038 J	0.000052 J	0.000029 J	--
Thallium,Dissolved	**6020**	--	0.000036 J	0.000035 J	0.000066 J	0.00002 U	0.000042 J
Tin	**6020**	--	0.00077 U	0.00077 U	0.00077 U	0.00031 U	--
Tin,Dissolved	**6020**	--	0.00077 U	0.00077 U	0.00077 U	0.00017 U	--
Vanadium	**6020**	--	0.00087 J	0.00087 J	0.0013 J	0.0011 J	--
Vanadium,Dissolved	**6020**	--	0.0008 J	0.00077 J	0.00054 J	0.0011 J	0.0022 J
Zinc	**6010B**	0.025	--	--	--	--	--
Zinc	**6020**	--	0.0026 J	0.0029 J	0.0047 J	0.0023 J	--
Zinc,Dissolved	**6010B**	0.026	--	--	--	--	--
Zinc,Dissolved	**6020**	--	0.0031 J	0.0029 J	0.0052 J	0.0024 J	0.0043 J

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RS-18	RS-29	RS-33	RS-33	RS-34	RS-34
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		RS-18_071411_01	RS-29_041311_01	RS-33_011411_01	RS-33_040711_01	RS-34_012811_01	RS-34_042711_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		7/14/2011	4/13/2011	1/14/2011	4/7/2011	1/28/2011	4/27/2011
Analyte (mg/L)	**Method**						
Aluminum,Dissolved	**6010B**	--	0.021 J	--	--	--	--
Antimony	**6020**	0.00012 J	--	--	0.00013 J	--	0.00014 J
Antimony,Dissolved	**6010B**	--	0.0031 U	--	--	--	--
Antimony,Dissolved	**6020**	0.00014 J	--	--	0.00019 J	--	0.00014 J
Arsenic	**6020**	0.00067 J	--	--	0.0014 J	--	0.0017 J
Arsenic,Dissolved	**6020**	0.00072 J	0.0021 J	--	0.0014 J	--	0.0018 J
Barium	**6020**	0.11	--	--	0.016	--	0.019
Barium,Dissolved	**6020**	0.11	0.18	--	0.016	--	0.017
Beryllium	**6020**	0.00008 U	--	--	0.00008 U	--	0.00008 U
Beryllium,Dissolved	**6020**	0.00008 U	0.00008 U	--	0.00008 U	--	0.00008 U
Boron,Dissolved	**6010B**	--	0.07	--	--	--	--
Cadmium	**6020**	0.000077 J	--	--	0.00004 U	--	0.00004 U
Cadmium,Dissolved	**6020**	0.0001 J	0.00011 J	--	0.00004 U	--	0.00004 U
Calcium	**6010B**	--	--	140	130	120	120
Calcium,Dissolved	**6010B**	--	140	130	130	120	120
Chromium	**6020**	0.0005 U	--	--	0.0005 U	--	0.0005 U
Chromium,Dissolved	**6020**	0.0005 U	0.0005 U	--	0.0005 U	--	0.0005 U
Cobalt	**6020**	0.0059	--	--	0.00044 J	--	0.00015 J
Cobalt,Dissolved	**6020**	0.0058	0.0016	--	0.00047 J	--	0.00012 J
Copper	**6020**	0.0006 J	--	--	0.001 J	--	0.0011 J
Copper,Dissolved	**6020**	0.00067 J	0.0024	--	0.0011 J	--	0.0012 U
HexavalentChromium	**7196A**	--	0.0047 J	--	--	--	--
HexavalentChromium,Dissolved	**7196A**	--	0.0064 J	--	--	--	--
Iron	**6010B**	--	--	0.022 U	0.022 U	0.034 J	0.043 J
Iron,Dissolved	**6010B**	--	0.1	0.022 U	0.022 U	0.022 U	0.031 J
Lead	**6020**	0.00018 U	--	--	0.00018 U	--	0.00018 U
Lead,Dissolved	**6020**	0.00018 U	0.00018 U	--	0.00018 U	--	0.00018 U
Magnesium	**6010B**	--	--	23	23	38	39
Magnesium,Dissolved	**6010B**	--	38	22	21	39	41
Manganese	**6010B**	--	--	0.032	0.0046 J	0.0084 J	0.0034 J
Manganese,Dissolved	**6010B**	--	--	0.028	0.0036 U	0.0059 U	0.0027 J
Manganese,Dissolved	**6020**	--	1.4	--	--	--	--
Mercury	**7470A**	--	--	--	0.000048 J	--	0.000027 UJ
Mercury,Dissolved	**7470A**	--	0.000041 U	--	0.000036 U	--	0.000027 U
Molybdenum,Dissolved	**6020**	--	0.0039	--	--	--	--
Nickel	**6020**	0.1	--	--	0.0036	--	0.0053
Nickel,Dissolved	**6020**	0.11	0.0036	--	0.0064	--	0.0028
Potassium	**6010B**	--	--	5	4.5 J	6.4	7.2
Potassium,Dissolved	**6010B**	--	6.6	4.8 J	4.3 J	6	6.8
Selenium	**6020**	0.0033 J	--	--	0.0007 U	--	0.0013 J
Selenium,Dissolved	**6020**	0.0033 J	0.00082 J	--	0.0007 U	--	0.0015 J
Silver	**6020**	0.000015 U	--	--	0.000015 U	--	0.000015 U
Silver,Dissolved	**6020**	0.000015 J	0.000015 U	--	0.000015 U	--	0.000015 U
Sodium	**6010B**	--	--	120	120	110	120
Sodium,Dissolved	**6010B**	--	92	120	120	110	110
Strontium	**6010B**	--	--	0.7	0.7	0.57	0.53
Strontium,Dissolved	**6010B**	--	--	0.68	0.67	0.59	0.53
Thallium	**6020**	0.000029 J	--	--	0.00002 U	--	0.00002 U
Thallium,Dissolved	**6020**	0.000042 J	0.000024 U	--	0.00002 U	--	0.00002 U
Tin	**6020**	0.00077 U	--	--	0.0012 U	--	0.00084 J
Tin,Dissolved	**6020**	0.00077 U	--	--	0.00057 J	--	0.00061 U
Vanadium	**6020**	0.002 J	--	--	0.0014 J	--	0.0022 J
Vanadium,Dissolved	**6020**	0.0019 J	0.0049 J	--	0.0014 J	--	0.0019 J
Zinc	**6010B**	--	--	0.0045 U	--	0.0045 U	--
Zinc	**6020**	0.002 U	--	--	0.0054 J	--	0.002 U
Zinc,Dissolved	**6010B**	--	--	0.005 J	--	0.0047 J	--
Zinc,Dissolved	**6020**	0.002 U	0.0032 J	--	0.0084 J	--	0.002 U

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		SH-02	SH-02	SH-03
SampleType:		Primary	Primary	Primary
Sample Name:		SH-02_012111_01	SH-02_040811_01	SH-03_012111_01
Groundwater Unit:		Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver
Collection Date:		1/21/2011	4/8/2011	1/21/2011
Analyte (mg/L)	**Method**			
Aluminum,Dissolved	**6010B**	--	--	--
Antimony	**6020**	--	--	--
Antimony,Dissolved	**6010B**	--	--	--
Antimony,Dissolved	**6020**	--	--	--
Arsenic	**6020**	--	--	--
Arsenic,Dissolved	**6020**	--	--	--
Barium	**6020**	--	--	--
Barium,Dissolved	**6020**	--	--	--
Beryllium	**6020**	--	--	--
Beryllium,Dissolved	**6020**	--	--	--
Boron,Dissolved	**6010B**	--	--	--
Cadmium	**6020**	--	--	--
Cadmium,Dissolved	**6020**	--	--	--
Calcium	**6010B**	97	120	58
Calcium,Dissolved	**6010B**	90	120	52
Chromium	**6020**	--	--	--
Chromium,Dissolved	**6020**	--	--	--
Cobalt	**6020**	--	--	--
Cobalt,Dissolved	**6020**	--	--	--
Copper	**6020**	--	--	--
Copper,Dissolved	**6020**	--	--	--
HexavalentChromium	**7196A**	--	--	--
HexavalentChromium,Dissolved	**7196A**	--	--	--
Iron	**6010B**	0.42	0.022 U	0.1
Iron,Dissolved	**6010B**	0.26	0.022 U	0.022 U
Lead	**6020**	--	--	--
Lead,Dissolved	**6020**	--	--	--
Magnesium	**6010B**	27	34	17
Magnesium,Dissolved	**6010B**	26	35	16
Manganese	**6010B**	0.12	0.0072 J	0.07
Manganese,Dissolved	**6010B**	0.091	0.00028 U	0.00034 J
Manganese,Dissolved	**6020**	--	--	--
Mercury	**7470A**	--	--	--
Mercury,Dissolved	**7470A**	--	--	--
Molybdenum,Dissolved	**6020**	--	--	--
Nickel	**6020**	--	--	--
Nickel,Dissolved	**6020**	--	--	--
Potassium	**6010B**	1.7 J	1.5 J	2.1 J
Potassium,Dissolved	**6010B**	1.5 J	1.6 J	2.1 J
Selenium	**6020**	--	--	--
Selenium,Dissolved	**6020**	--	--	--
Silver	**6020**	--	--	--
Silver,Dissolved	**6020**	--	--	--
Sodium	**6010B**	88	95	120
Sodium,Dissolved	**6010B**	85	99	120
Strontium	**6010B**	0.46	0.54	0.24
Strontium,Dissolved	**6010B**	0.41	0.54	0.21
Thallium	**6020**	--	--	--
Thallium,Dissolved	**6020**	--	--	--
Tin	**6020**	--	--	--
Tin,Dissolved	**6020**	--	--	--
Vanadium	**6020**	--	--	--
Vanadium,Dissolved	**6020**	--	--	--
Zinc	**6010B**	0.0096 J	0.0045 U	0.0095 J
Zinc	**6020**	--	--	--
Zinc,Dissolved	**6010B**	0.0098 J	0.0045 U	0.0062 J
Zinc,Dissolved	**6020**	--	--	--

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		SH-03	SH-04	SH-07	SH-07	SH-09	SH-09
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		SH-03_040811_01	SH-04_040711_01	SH-07_012711_01	SH-07_041211_01	SH-09_012011_01	SH-09_041111_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/8/2011	4/7/2011	1/27/2011	4/12/2011	1/20/2011	4/11/2011
Analyte (mg/L)	**Method**						
Aluminum,Dissolved	**6010B**	--	--	--	--	--	--
Antimony	**6020**	0.00018 J	0.0003 J	--	--	--	0.00014 J
Antimony,Dissolved	**6010B**	--	--	--	--	--	--
Antimony,Dissolved	**6020**	0.00018 J	0.00025 J	--	--	--	0.00019 J
Arsenic	**6020**	0.00056 J	0.0011 J	--	--	--	0.0005 J
Arsenic,Dissolved	**6020**	0.00055 J	0.0011 J	--	--	--	0.00051 J
Barium	**6020**	0.027	0.04	--	--	--	0.056
Barium,Dissolved	**6020**	0.025	0.041	--	--	--	0.059
Beryllium	**6020**	0.00008 U	0.00008 U	--	--	--	0.00008 U
Beryllium,Dissolved	**6020**	0.00008 U	0.00013 J	--	--	--	0.00008 U
Boron,Dissolved	**6010B**	--	--	--	--	--	--
Cadmium	**6020**	0.00011 J	0.000066 J	--	--	--	0.00005 J
Cadmium,Dissolved	**6020**	0.00033 J	0.00009 J	--	--	--	0.000048 J
Calcium	**6010B**	46	--	58	54	170	100
Calcium,Dissolved	**6010B**	46	--	57	55	160	100
Chromium	**6020**	0.002 J	0.0036 J	--	--	--	0.0005 U
Chromium,Dissolved	**6020**	0.0018 J	0.0036 J	--	--	--	0.0005 U
Cobalt	**6020**	0.00015 J	0.00019 J	--	--	--	0.0003 J
Cobalt,Dissolved	**6020**	0.00016 J	0.00072 J	--	--	--	0.0003 J
Copper	**6020**	0.00094 J	0.0015 J	--	--	--	0.00091 J
Copper,Dissolved	**6020**	0.00092 J	0.0021	--	--	--	0.0009 J
HexavalentChromium	**7196A**	--	--	--	--	--	--
HexavalentChromium,Dissolved	**7196A**	--	--	--	--	--	--
Iron	**6010B**	0.022 U	--	0.057 J	0.04 U	0.022 U	0.022 U
Iron,Dissolved	**6010B**	0.022 U	--	0.022 U	0.052 U	0.022 U	0.022 U
Lead	**6020**	0.00018 U	0.00018 U	--	--	--	0.00018 U
Lead,Dissolved	**6020**	0.00018 U	0.00018 U	--	--	--	0.00018 U
Magnesium	**6010B**	13	--	17	16	47	28
Magnesium,Dissolved	**6010B**	13	--	17	17	45	27
Manganese	**6010B**	0.0012 U	--	0.002 U	0.0015 J	0.051	0.0044 J
Manganese,Dissolved	**6010B**	0.00052 U	--	0.00064 U	0.0026 U	0.00059 J	0.0012 U
Manganese,Dissolved	**6020**	--	--	--	--	--	--
Mercury	**7470A**	0.000035 U	0.000046 U	--	--	--	0.000027 U
Mercury,Dissolved	**7470A**	0.000038 U	0.000047 U	--	--	--	0.000027 U
Molybdenum,Dissolved	**6020**	--	--	--	--	--	--
Nickel	**6020**	0.00069 J	0.0013 J	--	--	--	0.0013 J
Nickel,Dissolved	**6020**	0.00084 J	0.0019 J	--	--	--	0.0014 J
Potassium	**6010B**	0.93 J	--	0.86 J	0.67 J	0.97 J	0.74 J
Potassium,Dissolved	**6010B**	1.1 J	--	0.89 J	0.57 J	0.91 J	0.9 J
Selenium	**6020**	0.00079 J	0.00078 J	--	--	--	0.0007 U
Selenium,Dissolved	**6020**	0.0013 J	0.0012 U	--	--	--	0.0007 U
Silver	**6020**	0.000024 J	0.000029 J	--	--	--	0.000018 J
Silver,Dissolved	**6020**	0.000044 U	0.000015 U	--	--	--	0.000017 U
Sodium	**6010B**	100	--	50	43	140	95
Sodium,Dissolved	**6010B**	100	--	51	44	130	89
Strontium	**6010B**	0.19	--	0.24	0.23	0.73	0.49
Strontium,Dissolved	**6010B**	0.19	--	0.24	0.24	0.67	0.47
Thallium	**6020**	0.00002 U	0.000044 U	--	--	--	0.000036 U
Thallium,Dissolved	**6020**	0.000032 U	0.00002 U	--	--	--	0.000038 U
Tin	**6020**	0.00042 U	0.00046 U	--	--	--	0.00037 U
Tin,Dissolved	**6020**	0.00046 U	0.00017 U	--	--	--	0.00057 U
Vanadium	**6020**	0.0014 J	0.0023 J	--	--	--	0.0013 J
Vanadium,Dissolved	**6020**	0.0013 J	0.0023 J	--	--	--	0.0013 J
Zinc	**6010B**	--	--	0.0049 J	0.0045 U	0.0082 J	--
Zinc	**6020**	0.002 U	0.0024 J	--	--	--	0.002 U
Zinc,Dissolved	**6010B**	--	--	0.0045 U	0.005 J	0.007 J	--
Zinc,Dissolved	**6020**	0.002 U	0.0042 J	--	--	--	0.0034 J

TABLE 19
METALS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

	Well Identifier:	**SH-11**
	SampleType:	Primary
	Sample Name:	SH-11_040611_01
	Groundwater Unit:	Shallow
	Lab Name:	TA- Denver
	Collection Date:	4/6/2011
Analyte (mg/L)	**Method**	
Aluminum,Dissolved	**6010B**	--
Antimony	**6020**	0.00016 J
Antimony,Dissolved	**6010B**	--
Antimony,Dissolved	**6020**	0.00021 J
Arsenic	**6020**	0.00092 J
Arsenic,Dissolved	**6020**	0.001 J
Barium	**6020**	0.07
Barium,Dissolved	**6020**	0.075
Beryllium	**6020**	0.00008 U
Beryllium,Dissolved	**6020**	0.00008 U
Boron,Dissolved	**6010B**	--
Cadmium	**6020**	0.00015 J
Cadmium,Dissolved	**6020**	0.00015 J
Calcium	**6010B**	--
Calcium,Dissolved	**6010B**	--
Chromium	**6020**	0.0005 U
Chromium,Dissolved	**6020**	0.0005 U
Cobalt	**6020**	0.00081 J
Cobalt,Dissolved	**6020**	0.0007 J
Copper	**6020**	0.0019 J
Copper,Dissolved	**6020**	0.0028
HexavalentChromium	**7196A**	--
HexavalentChromium,Dissolved	**7196A**	--
Iron	**6010B**	--
Iron,Dissolved	**6010B**	--
Lead	**6020**	0.00018 U
Lead,Dissolved	**6020**	0.00018 U
Magnesium	**6010B**	--
Magnesium,Dissolved	**6010B**	--
Manganese	**6010B**	--
Manganese,Dissolved	**6010B**	--
Manganese,Dissolved	**6020**	--
Mercury	**7470A**	0.000036 U
Mercury,Dissolved	**7470A**	0.000036 U
Molybdenum,Dissolved	**6020**	--
Nickel	**6020**	0.0046
Nickel,Dissolved	**6020**	0.005
Potassium	**6010B**	--
Potassium,Dissolved	**6010B**	--
Selenium	**6020**	0.0007 U
Selenium,Dissolved	**6020**	0.0007 U
Silver	**6020**	0.000032 J
Silver,Dissolved	**6020**	0.000031 U
Sodium	**6010B**	--
Sodium,Dissolved	**6010B**	--
Strontium	**6010B**	--
Strontium,Dissolved	**6010B**	--
Thallium	**6020**	0.00003 J
Thallium,Dissolved	**6020**	0.000021 J
Tin	**6020**	0.00027 U
Tin,Dissolved	**6020**	0.00033 U
Vanadium	**6020**	0.00089 J
Vanadium,Dissolved	**6020**	0.0008 J
Zinc	**6010B**	--
Zinc	**6020**	0.0023 U
Zinc,Dissolved	**6010B**	--
Zinc,Dissolved	**6020**	0.0035 J

NOTES AND ABBREVIATIONS

Chatsworth - Chatsworth Formation groundwater unit
Shallow - Near-surface groundwater unit

mg/L - milligrams per liter

-- Not available
J - Result is estimated
U - Not detected above the method detection limit (MDL) or reporting limit (RL)
UJ - The result is not detected; however, the RL/MDL is estimated

TABLE 20
DIOXINS AND FURANS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		ES-17	ES-27	HAR-01	HAR-02	HAR-03	HAR-04	HAR-04	HAR-07	HAR-07
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Split	Primary	Field Duplicate
Sample Name:		ES-17_042511_01	ES-27_042511_01	HAR-01_042011_01	HAR-02_042211_01	HAR-03_042011_01	HAR-04_042011_01	HAR-04_042011_03	HAR-07_041211_01	HAR-07_041211_36
Groundwater Unit:		Shallow	Shallow	Chatsworth	Shallow	Shallow	Shallow	Shallow	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver
Collection Date:		4/25/2011	4/25/2011	4/20/2011	4/22/2011	4/20/2011	4/20/2011	4/20/2011	4/12/2011	4/12/2011
Analyte (pg/L)	**Method**									
1,2,3,4,6,7,8-Heptachlorodibenzofuran	**8290**	0.78 U	1.1 U	1.2 U	2.7 J	1.8 U	1.9 U	1.4 U	1.8 U	1.4 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	**8290**	1.4 U	2 U	1.6 U	6.2 J	2.7 U	2.8 U	1.1 U	2.8 U	2.3 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	**8290**	1.1 U	1.9 U	1.7 U	1.7 U	2.4 U	2.6 U	0.51 U	2.6 U	2.1 U
1,2,3,4,7,8-Hexachlorodibenzofuran	**8290**	0.59 U	0.6 U	0.89 U	0.66 U	1.1 U	1.1 U	0.25 U	1.1 U	0.86 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	**8290**	0.84 U	1.2 U	1.2 U	0.71 U	1.5 U	1.4 U	0.34 U	1.9 U	1.4 U
1,2,3,6,7,8-Hexachlorodibenzofuran	**8290**	0.61 U	0.59 U	0.85 U	0.6 U	1.1 U	1.1 U	0.18 U	1.1 U	0.85 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	**8290**	1.2 U	1.7 U	1.6 U	1 U	2.2 U	2 U	0.24 U	2.7 U	1.9 U
1,2,3,7,8,9-Hexachlorodibenzofuran	**8290**	0.67 U	0.78 U	1 U	0.67 U	1.2 U	1.3 U	0.24 U	1.5 U	1.1 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	**8290**	0.91 U	1.3 U	1.2 U	0.78 U	1.7 U	1.5 U	0.25 U	2.1 U	1.5 U
1,2,3,7,8-Pentachlorodibenzofuran	**8290**	1.1 U	1.1 U	1.8 U	1.1 U	2.2 U	1.9 U	0.53 U	1.8 U	1.3 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	**8290**	1 U	1.2 U	1.7 U	1.1 U	2.1 U	2.1 U	0.42 U	2.2 U	1.8 U
2,3,4,6,7,8-Hexachlorodibenzofuran	**8290**	0.62 U	0.63 U	0.77 U	0.65 U	1.1 U	1 U	0.21 U	1.2 U	0.85 U
2,3,4,7,8-Pentachlorodibenzofuran	**8290**	0.89 U	0.95 U	1.5 U	0.92 U	1.7 U	1.5 U	0.54 U	1.6 U	1.1 U
2,3,7,8-TCDD	**8290**	1.7 U	2.2 U	3.6 U	2 U	4.1 U	4.5 U	0.27 U	4.4 U	3.6 U
2,3,7,8-TCDD TEQ	**8290**	3.7 U	4.6 U	6.8 U	0.11417 J	8 U	8 U	1.13 U	0.00204 J	0.00186 J
2,3,7,8-Tetrachlorodibenzofuran	**8290**	1.1 U	1.3 U	2.4 U	1.3 U	3 U	2.9 U	0.55 U	2.8 U	2 U
Octachlorodibenzofuran	**8290**	1.8 U	3 U	1.9 U	5.9 J	3.5 U	3.7 U	3.8 U	6.8 J	6.2 J
Octachlorodibenzo-p-dioxin	**8290**	2.3 U	3.7 U	1.7 U	78 J	2.7 U	3.3 U	5.9 U	11 U	5.5 U

TABLE 20
DIOXINS AND FURANS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-07	HAR-07	HAR-07	HAR-08	HAR-09	HAR-11	HAR-12	HAR-14	HAR-15
SampleType:		Primary	Split	Field Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-07_080211_01	HAR-07_080211_03	HAR-07_080211_36	HAR-08_041911_01	HAR-09_041411_01	HAR-11_041411_01	HAR-12_041511_01	HAR-14_041511_01	HAR-15_041411_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/2/2011	8/2/2011	8/2/2011	4/19/2011	4/14/2011	4/14/2011	4/15/2011	4/15/2011	4/14/2011
Analyte (pg/L)	**Method**									
1,2,3,4,6,7,8-Heptachlorodibenzofuran	**8290**	1.3 U	1.2 U	1.7 U	1.7 U	1.5 U	1.6 U	2 U	1.5 U	1.6 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	**8290**	2.8 U	0.98 U	3.4 U	2.4 U	2.6 U	3.4 U	4 U	2.9 U	3 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	**8290**	2.3 U	2.2 U	2.8 U	2.4 U	2.2 U	2.4 U	2.9 U	1.8 U	2.3 U
1,2,3,4,7,8-Hexachlorodibenzofuran	**8290**	1 U	3.1 U	1.3 U	1.2 U	1 U	1.1 U	1.3 U	1.1 U	1 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	**8290**	1.8 U	0.53 U	2.5 U	1.5 U	1.5 U	1.7 U	2 U	1.9 U	1.8 U
1,2,3,6,7,8-Hexachlorodibenzofuran	**8290**	1 U	0.97 U	1.3 U	1.2 U	0.95 U	0.97 U	1.2 U	1.1 U	0.94 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	**8290**	2.1 U	0.4 U	3 U	2 U	1.8 U	2 U	2.6 U	2.5 U	2.1 U
1,2,3,7,8,9-Hexachlorodibenzofuran	**8290**	1.5 U	0.67 U	2 U	1.6 U	1.4 U	1.6 U	1.7 U	1.3 U	1.4 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	**8290**	1.8 U	0.45 U	2.5 U	1.6 U	1.5 U	1.7 U	2.1 U	2 U	1.8 U
1,2,3,7,8-Pentachlorodibenzofuran	**8290**	2.7 U	0.62 U	3.5 U	1.9 U	1.4 U	1.4 U	2.3 U	1.8 U	1.7 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	**8290**	3.1 U	1.3 U	4.5 U	2.4 U	1.7 U	1.7 U	2.8 U	2.3 U	2.2 U
2,3,4,6,7,8-Hexachlorodibenzofuran	**8290**	1.1 U	0.55 U	1.4 U	1.2 U	1 U	1.1 U	1.4 U	1 U	1.1 U
2,3,4,7,8-Pentachlorodibenzofuran	**8290**	2 U	0.63 U	2.6 U	1.5 U	1.2 U	1.1 U	1.8 U	1.5 U	1.4 U
2,3,7,8-TCDD	**8290**	4.7 U	0.58 U	6.1 U	4 U	3.8 U	3.6 U	4.7 U	4.4 U	4.9 U
2,3,7,8-TCDD TEQ	**8290**	10 U	2.8 U	13 U	8 U	7.1 U	7 U	10 U	9 U	9 U
2,3,7,8-Tetrachlorodibenzofuran	**8290**	2.6 U	0.48 U	3.3 U	3.1 U	2.3 U	2.5 U	3.4 U	2.7 U	3 U
Octachlorodibenzofuran	**8290**	3.6 U	2.5 U	5.2 U	4.1 U	3.6 U	4.5 U	5.2 U	3.5 U	4.6 U
Octachlorodibenzo-p-dioxin	**8290**	4.1 U	3.8 U	5.9 U	3.4 U	3.8 U	4 U	4.7 U	3 U	4.3 U

TABLE 20
DIOXINS AND FURANS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-16	HAR-16	HAR-19	HAR-20	HAR-21	HAR-25	HAR-26	HAR-27	HAR-28
SampleType:		Primary	Field Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		HAR-16_042011_01	HAR-16_042011_36	HAR-19_041511_01	HAR-20_041411_01	HAR-21_041311_01	HAR-25_042211_01	HAR-26_040711_01	HAR-27_041211_01	HAR-28_041211_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/20/2011	4/20/2011	4/15/2011	4/14/2011	4/13/2011	4/22/2011	4/7/2011	4/12/2011	4/12/2011
Analyte (pg/L)	**Method**									
1,2,3,4,6,7,8-Heptachlorodibenzofuran	**8290**	1.5 U	2.8 U	1.8 U	1.3 U	1.4 U	0.8 U	1.3 U	1.2 U	1.4 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	**8290**	2.2 U	5.5 U	5 U	2.3 U	2.6 U	0.88 U	2.3 U	1.8 U	2.3 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	**8290**	2 U	4 U	2.6 U	2 U	2 U	1.1 U	1.9 U	1.6 U	2 U
1,2,3,4,7,8-Hexachlorodibenzofuran	**8290**	0.96 U	1.7 U	1.8 U	0.76 U	0.82 U	0.58 U	0.95 U	0.74 U	1.2 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	**8290**	1.5 U	2.4 U	2.8 U	1.2 U	1.5 U	0.71 U	1.3 U	1.2 U	1.3 U
1,2,3,6,7,8-Hexachlorodibenzofuran	**8290**	0.96 U	1.7 U	1.6 U	0.68 U	0.76 U	0.55 U	0.97 U	0.76 U	1.1 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	**8290**	2.1 U	3.2 U	3.4 U	1.5 U	1.8 U	1 U	1.8 U	1.6 U	1.8 U
1,2,3,7,8,9-Hexachlorodibenzofuran	**8290**	1.2 U	2.2 U	2.1 U	1.1 U	1.1 U	0.66 U	1.4 U	1 U	1.4 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	**8290**	1.6 U	2.5 U	2.8 U	1.2 U	1.5 U	0.78 U	1.4 U	1.3 U	1.4 U
1,2,3,7,8-Pentachlorodibenzofuran	**8290**	2 U	3.4 U	2.3 U	1.1 U	1.5 U	0.91 U	1.2 U	1.1 U	1.3 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	**8290**	2 U	3.6 U	2.8 U	1.2 U	1.9 U	1.1 U	1.7 U	1.4 U	1.7 U
2,3,4,6,7,8-Hexachlorodibenzofuran	**8290**	0.91 U	1.7 U	1.8 U	0.77 U	0.84 U	0.59 U	1.1 U	0.77 U	1.1 U
2,3,4,7,8-Pentachlorodibenzofuran	**8290**	1.5 U	2.9 U	1.9 U	0.98 U	1.3 U	0.74 U	1.1 U	0.96 U	1.2 U
2,3,7,8-TCDD	**8290**	4 U	6.1 U	4.8 U	3.2 U	4.3 U	2.2 U	3.9 U	2.9 U	4.2 U
2,3,7,8-TCDD TEQ	**8290**	8 U	13 U	10 U	5.7 U	8 U	4.2 U	7.2 U	5.6 U	8 U
2,3,7,8-Tetrachlorodibenzofuran	**8290**	2.9 U	4.4 U	3.5 U	2 U	2.5 U	1.2 U	2.5 U	1.9 U	2.5 U
Octachlorodibenzofuran	**8290**	2.6 U	6.1 U	5.8 U	3.4 U	3.2 U	1.8 U	2.8 U	2.5 U	3 U
Octachlorodibenzo-p-dioxin	**8290**	2.9 U	6.3 U	3.3 U	2.6 U	3.1 U	1.8 U	2.6 U	2.4 U	2.7 U

TABLE 20
DIOXINS AND FURANS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-29	HAR-30	HAR-32	HAR-33	HAR-33	HAR-33	HAR-33	PZ-035	PZ-060
SampleType:		Primary	Primary	Primary	Primary	Primary	Split	Field Duplicate	Primary	Primary
Sample Name:		HAR-29_041911_01	HAR-30_042811_01	HAR-32_042711_01	HAR-33_042511_01	HAR-33_072511_01	HAR-33_072511_03	HAR-33_072511_36	PZ-035_042611_01	PZ-060_042711_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/19/2011	4/28/2011	4/27/2011	4/25/2011	7/25/2011	7/25/2011	7/25/2011	4/26/2011	4/27/2011
Analyte (pg/L)	**Method**									
1,2,3,4,6,7,8-Heptachlorodibenzofuran	**8290**	1.4 U	1.3 U	1.3 U	1.1 U	0.67 U	0.45 U	0.92 U	2.3 U	1 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	**8290**	2.1 U	2.4 U	2.4 U	1.8 U	1.2 U	0.88 U	1.3 U	4.8 U	1.4 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	**8290**	2.1 U	1.8 U	2.1 U	1.7 U	1.1 U	0.52 U	1.4 U	4.1 U	1.7 U
1,2,3,4,7,8-Hexachlorodibenzofuran	**8290**	0.9 U	0.96 U	1.1 U	0.72 U	0.57 U	0.23 U	0.65 U	1.1 U	0.68 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	**8290**	1.3 U	1.4 U	1.3 U	1.1 U	0.73 U	0.72 U	0.88 U	2 U	0.95 U
1,2,3,6,7,8-Hexachlorodibenzofuran	**8290**	0.9 U	0.91 U	1 U	0.73 U	0.52 U	0.2 U	0.65 U	0.99 U	0.68 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	**8290**	1.9 U	1.8 U	1.8 U	1.6 U	1 U	0.62 U	1.2 U	2.8 U	1.3 U
1,2,3,7,8,9-Hexachlorodibenzofuran	**8290**	1.1 U	1.1 U	1.2 U	0.89 U	0.88 U	0.25 U	0.94 U	1.4 U	0.79 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	**8290**	1.5 U	1.4 U	1.4 U	1.2 U	0.78 U	0.62 U	0.93 U	2.2 U	1 U
1,2,3,7,8-Pentachlorodibenzofuran	**8290**	1.9 U	1.6 U	1.8 U	1.3 U	1.2 U	0.8 U	1.4 U	2.1 U	1.4 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	**8290**	2.1 U	2 U	2 U	1.2 U	1.3 U	1.3 U	1.4 U	2 U	1.3 U
2,3,4,6,7,8-Hexachlorodibenzofuran	**8290**	0.88 U	0.94 U	1.1 U	0.79 U	0.52 U	0.73 J	0.59 U	1.1 U	0.7 U
2,3,4,7,8-Pentachlorodibenzofuran	**8290**	1.6 U	1.3 U	1.5 U	1.2 U	0.84 U	0.88 U	1.1 U	1.7 U	1.1 U
2,3,7,8-TCDD	**8290**	3.9 U	3.8 U	3.6 U	2.6 U	2.4 U	0.63 U	3.1 U	3.9 U	2.5 U
2,3,7,8-TCDD TEQ	**8290**	8 U	7.4 U	7.3 U	0.00069 J	4.7 U	0.0733 J	5.7 U	8 U	5 U
2,3,7,8-Tetrachlorodibenzofuran	**8290**	2.7 U	2.4 U	2.3 U	1.6 U	2.1 U	0.85 U	2.2 U	2.3 U	1.8 U
Octachlorodibenzofuran	**8290**	2.5 U	3 U	2.7 U	2.8 U	1.3 U	0.99 J	1.4 U	8.4 U	2.3 U
Octachlorodibenzo-p-dioxin	**8290**	2.5 U	2.7 U	3 U	2.3 J	2.4 U	7.7 U	1.5 U	8.1 U	2.9 U

TABLE 20
DIOXINS AND FURANS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-129	PZ-139	PZ-139	PZ-139	PZ-139	PZ-139	PZ-140	PZ-140	PZ-140
SampleType:		Primary	Primary	Field Duplicate	Primary	Primary	Split	Primary	Primary	Split
Sample Name:		PZ-129_012611_01	PZ-139_020311_01	PZ-139_020311_36	PZ-139_042611_01	PZ-139_071111_01	PZ-139_071111_03	PZ-140_012511_01	PZ-140_042111_01	PZ-140_042111_03
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Irvine
Collection Date:		1/26/2011	2/3/2011	2/3/2011	4/26/2011	7/11/2011	7/11/2011	1/25/2011	4/21/2011	4/21/2011
Analyte (pg/L)	**Method**									
1,2,3,4,6,7,8-Heptachlorodibenzofuran	**8290**	1.7 U	2.2 U	1.6 U	1.6 U	0.49 U	2.8 U	0.92 U	2.5 U	1.4 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	**8290**	3.6 U	4 U	2.9 U	2.7 U	0.63 U	4.1 U	1.5 U	4.8 U	1.9 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	**8290**	3.1 U	3.1 U	2.3 U	2.9 U	0.61 U	3.7 U	1.4 U	3.6 U	0.76 U
1,2,3,4,7,8-Hexachlorodibenzofuran	**8290**	1.2 U	1.7 U	1 U	1 U	0.41 U	1.2 U	0.66 U	1.8 U	0.59 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	**8290**	1.9 U	2.6 U	2 U	1.3 U	0.61 U	4 U	1.1 U	2.4 U	0.83 U
1,2,3,6,7,8-Hexachlorodibenzofuran	**8290**	1.2 U	1.6 U	1 U	0.9 U	0.41 U	1.5 U	0.62 U	1.8 U	0.47 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	**8290**	2.7 U	3.6 U	2.6 U	1.7 U	0.8 U	3.5 U	1.6 U	3.2 U	0.59 U
1,2,3,7,8,9-Hexachlorodibenzofuran	**8290**	1.8 U	2 U	1.2 U	1.2 U	0.53 U	2.5 J	0.9 U	2.2 U	0.61 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	**8290**	2 U	2.8 U	2.1 U	1.4 U	0.65 U	3.5 U	1.2 U	2.5 U	0.61 U
1,2,3,7,8-Pentachlorodibenzofuran	**8290**	2 U	2.7 U	1.8 U	1.7 U	0.62 U	5.6 U	1.4 U	2.5 U	0.72 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	**8290**	2.8 U	3.4 U	1.9 U	1.8 U	0.82 U	4.8 U	1.7 U	3 U	1 U
2,3,4,6,7,8-Hexachlorodibenzofuran	**8290**	1.3 U	1.7 U	1.1 U	0.95 U	0.4 U	1.2 U	0.69 U	1.8 U	0.52 U
2,3,4,7,8-Pentachlorodibenzofuran	**8290**	2 U	2.2 U	1.5 U	1.4 U	0.46 U	6.2 U	1.2 U	2 U	0.74 U
2,3,7,8-TCDD	**8290**	5.2 U	7.4 U	4.4 U	2.9 U	1.8 U	4.6 U	3.5 U	5.5 U	0.78 U
2,3,7,8-TCDD TEQ	**8290**	10 U	14 U	8 U	0.0051 J	3.3 U	0.25 J	6.5 U	11 U	2.57 U
2,3,7,8-Tetrachlorodibenzofuran	**8290**	3.2 U	5.2 U	3 U	1.9 U	1.1 U	4.8 U	2.1 U	4.1 U	0.78 U
Octachlorodibenzofuran	**8290**	5.2 U	4.6 U	2.8 U	5 U	0.78 U	7.9 U	2.2 U	5.1 U	2.7 U
Octachlorodibenzo-p-dioxin	**8290**	4.2 U	3.8 U	2.1 U	17 J	5.3 U	24 U	2.1 U	4.1 U	4.4 U

TABLE 20
DIOXINS AND FURANS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-140	PZ-140	PZ-141	PZ-141	PZ-141	PZ-141	PZ-144	PZ-144	PZ-144
SampleType:		Primary	Field Duplicate	Primary	Split	Primary	Primary	Primary	Primary	Field Duplicate
Sample Name:		PZ-140_080911_01A	PZ-140_080911_36A	PZ-141_020411_01	PZ-141_020411_03	PZ-141_041211_01	PZ-141_080111_01A	PZ-144_020111_01	PZ-144_041311_01	PZ-144_041311_36
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/9/2011	8/9/2011	2/4/2011	2/4/2011	4/12/2011	8/1/2011	2/1/2011	4/13/2011	4/13/2011
Analyte (pg/L)	**Method**									
1,2,3,4,6,7,8-Heptachlorodibenzofuran	**8290**	1.5 U	1.3 U	2.1 U	2.4 U	1.8 J	2 U	1.4 U	1.1 U	0.97 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	**8290**	4.6 U	2.5 U	4.1 U	2.4 U	9.6 J	3.5 U	2.5 U	2 U	1.7 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	**8290**	3 U	2.1 U	3.1 U	1.4 U	1.9 U	3.1 U	2.1 U	1.9 J	1.4 U
1,2,3,4,7,8-Hexachlorodibenzofuran	**8290**	0.92 U	0.86 U	1.3 U	1.7 U	0.96 U	1.5 U	1 U	0.91 U	0.7 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	**8290**	1.7 U	1.5 U	2.2 U	1.5 U	1.3 U	2.3 U	1.9 U	1.6 U	1.5 U
1,2,3,6,7,8-Hexachlorodibenzofuran	**8290**	0.9 U	0.86 U	1.3 U	1.8 U	0.94 U	1.5 U	1.1 U	0.9 U	0.65 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	**8290**	2.1 U	2 U	3.1 U	1.7 U	1.8 U	2.8 U	2.4 U	2 U	1.7 U
1,2,3,7,8,9-Hexachlorodibenzofuran	**8290**	1.3 U	1.2 U	1.7 U	0.95 U	1.2 U	2.3 U	1.3 U	1.3 U	0.97 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	**8290**	1.7 U	1.6 U	2.3 U	1 U	1.4 U	2.3 U	1.9 U	1.6 U	1.4 U
1,2,3,7,8-Pentachlorodibenzofuran	**8290**	1.3 U	1.2 U	2.6 U	0.76 U	1.2 U	3.8 U	2.2 U	1.4 U	1.1 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	**8290**	1.9 U	1.4 U	2.8 U	1 U	1.6 U	4.4 U	2.1 U	1.7 U	1.3 U
2,3,4,6,7,8-Hexachlorodibenzofuran	**8290**	0.96 U	0.95 U	1.5 U	1.7 U	0.91 U	1.5 U	1.1 U	0.94 U	0.75 U
2,3,4,7,8-Pentachlorodibenzofuran	**8290**	1.2 U	1.1 U	2.3 U	0.98 U	1.1 U	2.9 U	1.8 U	1.2 U	0.96 U
2,3,7,8-TCDD	**8290**	3.7 U	4.2 U	6.7 U	0.57 U	2.7 U	5.6 U	4.8 U	3.5 U	2.8 U
2,3,7,8-TCDD TEQ	**8290**	7.3 U	7.2 U	12 U	3.1 U	0.11595 J	13 U	9 U	0.019 J	5.4 U
2,3,7,8-Tetrachlorodibenzofuran	**8290**	2.2 U	2.5 U	4.4 U	1 U	2 U	3.8 U	3.5 U	2.1 U	1.8 U
Octachlorodibenzofuran	**8290**	3.1 U	2.5 U	5.5 U	4 U	6.5 J	4.4 U	3.2 U	4.3 U	2.8 U
Octachlorodibenzo-p-dioxin	**8290**	63 U	34 U	4.5 U	12 U	120 U	6.2 U	2.4 U	7.3 U	4.9 U

TABLE 20
DIOXINS AND FURANS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-144	PZ-146	PZ-146	PZ-147	PZ-147	PZ-148	PZ-149	PZ-149	PZ-154
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-144_080111_01	PZ-146_042911_01	PZ-146_080311_01	PZ-147_042811_01	PZ-147_080911_01	PZ-148_042811_01	PZ-149_041111_01	PZ-149_072811_01A	PZ-154_012811_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/1/2011	4/29/2011	8/3/2011	4/28/2011	8/9/2011	4/28/2011	4/11/2011	7/28/2011	1/28/2011
Analyte (pg/L)	**Method**									
1,2,3,4,6,7,8-Heptachlorodibenzofuran	**8290**	1.6 U	0.9 U	1.8 U	1.7 U	2.4 U	1.4 U	0.93 U	0.85 U	2 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	**8290**	2.4 U	1.9 U	3.1 U	2.5 U	4.8 U	2.5 U	1.5 U	1.5 U	2.5 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	**8290**	2.6 U	1.9 U	3.8 U	2.3 U	3.4 U	2 U	1.2 U	1.3 U	2.9 U
1,2,3,4,7,8-Hexachlorodibenzofuran	**8290**	1.1 U	0.71 U	1.2 U	1.3 U	1.5 U	0.91 U	0.74 U	0.56 U	1.3 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	**8290**	1.7 U	1 U	1.8 U	1.8 U	2.6 U	1.4 U	0.94 U	0.71 U	2 U
1,2,3,6,7,8-Hexachlorodibenzofuran	**8290**	1.1 U	0.62 U	1.2 U	1.2 U	1.5 U	0.89 U	0.73 U	0.51 U	1.4 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	**8290**	2 U	1.4 U	2.2 U	2.5 U	3.5 U	1.9 U	1.3 U	0.98 U	2.5 U
1,2,3,7,8,9-Hexachlorodibenzofuran	**8290**	1.7 U	0.9 U	1.8 U	1.4 U	2 U	1 U	0.86 U	1 U	1.8 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	**8290**	1.7 U	1.1 U	1.8 U	1.9 U	2.7 U	1.5 U	0.99 U	0.76 U	2 U
1,2,3,7,8-Pentachlorodibenzofuran	**8290**	2.4 U	1.2 U	2.7 U	2.3 U	2.9 U	1.8 U	1.2 U	1.1 U	2.1 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	**8290**	3 U	1.4 U	3.1 U	2.5 U	3.4 U	1.7 U	1.4 U	1.2 U	1.8 U
2,3,4,6,7,8-Hexachlorodibenzofuran	**8290**	1.2 U	0.61 U	1.1 U	1.2 U	1.9 U	0.89 U	0.73 U	0.47 U	1.6 U
2,3,4,7,8-Pentachlorodibenzofuran	**8290**	1.8 U	0.98 U	1.9 U	1.8 U	2.9 U	1.4 U	1 U	0.73 U	1.7 U
2,3,7,8-TCDD	**8290**	4.3 U	2 U	4.1 U	4.6 U	10 U	3.7 U	2.8 U	2.8 U	3.7 U
2,3,7,8-TCDD TEQ	**8290**	9 U	4.5 U	9 U	9 U	17 U	7.1 U	0.00069 J	5 U	8 U
2,3,7,8-Tetrachlorodibenzofuran	**8290**	2.3 U	1.3 U	2.5 U	3.5 U	6.9 U	2.7 U	2.1 U	1.9 U	3.2 U
Octachlorodibenzofuran	**8290**	3.9 U	2.2 U	4.3 U	3.3 U	3.8 U	3 U	2.3 J	1.8 UJ	2.6 U
Octachlorodibenzo-p-dioxin	**8290**	3.9 U	1.7 U	4.8 U	2.7 U	4.7 U	2.8 U	27 U	8.3 U	2.2 U

TABLE 20
DIOXINS AND FURANS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-154	PZ-154	PZ-155	PZ-155	PZ-157	PZ-158	PZ-158	PZ-158	PZ-159
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-154_042111_01	PZ-154_072711_01A	PZ-155_041211_01	PZ-155_072911_01A	PZ-157_072211_01	PZ-158_013111_01	PZ-158_042911_01	PZ-158_072211_01	PZ-159_011911_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/21/2011	7/27/2011	4/12/2011	7/29/2011	7/22/2011	1/31/2011	4/29/2011	7/22/2011	1/19/2011
Analyte (pg/L)	**Method**									
1,2,3,4,6,7,8-Heptachlorodibenzofuran	**8290**	1.7 U	0.67 U	1.2 U	0.91 U	0.52 U	1.6 U	1.1 U	0.6 U	0.92 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	**8290**	3.2 U	0.88 U	1.9 U	1.2 U	0.99 U	2.6 U	2 U	1 U	1.7 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	**8290**	2.4 U	1.3 U	1.6 U	1.6 U	0.79 U	2.2 U	1.6 U	0.93 U	1.5 U
1,2,3,4,7,8-Hexachlorodibenzofuran	**8290**	1.3 U	0.41 U	0.67 U	0.62 U	0.42 U	1.2 U	0.8 U	0.39 U	0.67 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	**8290**	1.9 U	0.49 U	1.3 U	0.93 U	0.65 U	1.6 U	1.1 U	0.67 U	0.84 U
1,2,3,6,7,8-Hexachlorodibenzofuran	**8290**	1.2 U	0.39 U	0.67 U	0.58 U	0.41 U	1.3 U	0.73 U	0.38 U	0.66 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	**8290**	2.5 U	0.64 U	1.7 U	1.3 U	0.83 U	2.3 U	1.6 U	0.79 U	1.2 U
1,2,3,7,8,9-Hexachlorodibenzofuran	**8290**	1.4 U	0.77 U	0.88 U	0.84 U	0.61 U	1.5 U	1.1 U	0.53 U	0.65 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	**8290**	2 U	0.52 U	1.3 U	0.99 U	0.67 U	1.7 U	1.2 U	0.67 U	0.91 U
1,2,3,7,8-Pentachlorodibenzofuran	**8290**	2.2 U	0.85 U	1.1 U	1.4 U	0.93 U	1.8 U	1.5 U	0.9 U	0.96 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	**8290**	2.1 U	0.95 U	1.2 U	1.3 U	1 U	2.1 U	1.8 U	0.99 U	1.1 U
2,3,4,6,7,8-Hexachlorodibenzofuran	**8290**	1.2 U	0.49 U	0.66 U	0.54 U	0.39 U	1.3 U	0.77 U	0.38 U	0.68 U
2,3,4,7,8-Pentachlorodibenzofuran	**8290**	1.8 U	0.67 U	0.95 U	0.91 U	0.69 U	1.6 U	1.2 U	0.67 U	0.88 U
2,3,7,8-TCDD	**8290**	4.4 U	2.2 U	2.5 U	3.1 U	1.8 U	4 U	3.2 U	1.8 U	1.9 U
2,3,7,8-TCDD TEQ	**8290**	9 U	3.9 U	5 U	5.6 U	3.6 U	8 U	6.4 U	3.5 U	4 U
2,3,7,8-Tetrachlorodibenzofuran	**8290**	3.2 U	1.5 U	1.9 U	2.3 U	1.3 U	2.9 U	2 U	1.2 U	1.4 U
Octachlorodibenzofuran	**8290**	3.1 U	0.99 UJ	2.6 U	2.3 UJ	1.1 U	2.7 U	2.8 U	1.2 U	2 UJ
Octachlorodibenzo-p-dioxin	**8290**	3.1 U	1.7 U	2.6 U	3.1 U	2.1 U	2 U	2.7 U	0.96 U	6.3 U

TABLE 20
DIOXINS AND FURANS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-159	PZ-159	RD-08	RD-104	RD-11	RD-11	RD-11	RD-11	RD-12
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Split	Field Duplicate	Primary
Sample Name:		PZ-159_041311_01	PZ-159_072211_01	RD-08_041111_01	RD-104_042911_01	RD-11_041111_01	RD-11_071911_01	RD-11_071911_03	RD-11_071911_36	RD-12_041111_01
Groundwater Unit:		Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver
Collection Date:		4/13/2011	7/22/2011	4/11/2011	4/29/2011	4/11/2011	7/19/2011	7/19/2011	7/19/2011	4/11/2011
Analyte (pg/L)	**Method**									
1,2,3,4,6,7,8-Heptachlorodibenzofuran	**8290**	1 U	0.84 U	1.7 U	1.4 U	1.4 U	0.61 U	0.67 U	0.92 U	1.1 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	**8290**	2.1 U	1.2 U	3.2 U	2.3 U	2.6 U	1.3 U	1.3 U	1.8 U	1.8 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	**8290**	1.5 U	1.3 U	2.2 U	2.1 U	2 U	1.2 U	0.78 U	1.9 U	1.5 U
1,2,3,4,7,8-Hexachlorodibenzofuran	**8290**	0.73 U	0.62 U	1.4 U	1 U	0.89 U	0.46 U	0.34 U	0.62 U	0.74 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	**8290**	1.5 U	0.97 U	1.8 U	1.5 U	1.5 U	0.64 U	0.89 U	0.67 U	1.1 U
1,2,3,6,7,8-Hexachlorodibenzofuran	**8290**	0.74 U	0.62 U	1.3 U	1 U	0.91 U	0.42 U	0.31 U	0.6 U	0.7 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	**8290**	2 U	1.2 U	2.4 U	1.9 U	1.9 U	0.92 U	0.76 U	0.89 U	1.5 U
1,2,3,7,8,9-Hexachlorodibenzofuran	**8290**	1 U	0.88 U	1.6 U	1.2 U	1.2 U	0.7 U	0.38 U	0.92 U	0.91 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	**8290**	1.6 U	0.98 U	1.9 U	1.5 U	1.5 U	0.71 U	0.76 U	0.71 U	1.1 U
1,2,3,7,8-Pentachlorodibenzofuran	**8290**	1.2 U	1.3 U	1.7 U	2.1 U	1.3 U	0.82 U	0.24 U	0.96 U	1 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	**8290**	1.3 U	1.2 U	2.4 U	2.4 U	1.7 U	0.83 U	1.5 U	0.99 U	1.4 U
2,3,4,6,7,8-Hexachlorodibenzofuran	**8290**	0.77 U	0.6 U	1.3 U	0.97 U	0.91 U	0.42 U	0.33 U	0.58 U	0.67 U
2,3,4,7,8-Pentachlorodibenzofuran	**8290**	0.96 U	0.97 U	1.6 U	1.8 U	1.2 U	0.61 U	0.27 U	0.72 U	0.88 U
2,3,7,8-TCDD	**8290**	2.9 U	2.5 U	4.7 U	4.7 U	3 U	1.9 U	0.31 U	3.4 U	3.1 U
2,3,7,8-TCDD TEQ	**8290**	5.6 U	4.9 U	9 U	9 U	0.00063 J	3.5 U	2.34 U	5.4 U	5.7 U
2,3,7,8-Tetrachlorodibenzofuran	**8290**	1.9 U	2.1 U	3.1 U	2.6 U	2.1 U	1.3 U	0.36 U	2 U	1.9 U
Octachlorodibenzofuran	**8290**	2.8 U	2.9 U	3.2 U	3.4 U	2.1 J	1.3 U	1.2 U	2.1 U	2.2 U
Octachlorodibenzo-p-dioxin	**8290**	4.1 U	4.7 U	7 U	3.5 U	7.7 U	1.9 U	1.8 U	1.5 U	4.1 U

TABLE 20
DIOXINS AND FURANS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RD-49C	RS-08	RS-13	RS-29	RS-33	RS-34	RS-34	RS-34	RS-34
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Split	Field Duplicate
Sample Name:		RD-49C_041511_01	RS-08_041311_01	RS-13_042811_01	RS-29_041311_01	RS-33_040711_01	RS-34_042711_01	RS-34_072111_01	RS-34_072111_03	RS-34_072111_36
Groundwater Unit:		Chatsworth	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver
Collection Date:		4/15/2011	4/13/2011	4/28/2011	4/13/2011	4/7/2011	4/27/2011	7/21/2011	7/21/2011	7/21/2011
Analyte (pg/L)	**Method**									
1,2,3,4,6,7,8-Heptachlorodibenzofuran	**8290**	1.6 U	1.7 U	1.5 U	1.1 U	2 U	1.1 U	0.68 U	1 U	0.79 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	**8290**	3.9 U	3.2 U	2.8 U	1.9 U	3.9 U	1.9 U	1.5 U	1.3 U	1.8 J
1,2,3,4,7,8,9-Heptachlorodibenzofuran	**8290**	2 U	2.5 U	2 U	1.7 U	3 U	1.7 U	0.95 U	0.6 J	1.2 U
1,2,3,4,7,8-Hexachlorodibenzofuran	**8290**	1.2 U	1.1 U	1.2 U	0.71 U	1.3 U	0.75 U	0.51 U	0.63 J	0.5 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	**8290**	1.9 U	1.6 U	1.5 U	0.97 U	2 U	1.2 U	0.72 U	0.48 J	0.82 U
1,2,3,6,7,8-Hexachlorodibenzofuran	**8290**	1.1 U	1 U	1.1 U	0.72 U	1.3 U	0.71 U	0.44 U	0.69 J	0.45 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	**8290**	2.4 U	1.9 U	2.1 U	1.3 U	2.8 U	1.6 U	0.97 U	0.76 J	1.1 U
1,2,3,7,8,9-Hexachlorodibenzofuran	**8290**	1.5 U	1.5 U	1.3 U	1 U	2 U	0.81 U	0.68 U	0.44 J	0.74 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	**8290**	1.9 U	1.6 U	1.6 U	1 U	2.2 U	1.3 U	0.77 U	0.61 J	0.88 U
1,2,3,7,8-Pentachlorodibenzofuran	**8290**	2.2 U	1.6 U	2.4 U	1.1 U	1.8 U	1.5 U	1 U	0.78 J	0.95 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	**8290**	3 U	2.1 U	2.5 U	1.3 U	2.1 U	1.4 U	1.1 U	0.73 J	1.3 U
2,3,4,6,7,8-Hexachlorodibenzofuran	**8290**	1.2 U	1.1 U	1.2 U	0.74 U	1.5 U	0.76 U	0.46 U	0.58 J	0.45 U
2,3,4,7,8-Pentachlorodibenzofuran	**8290**	1.9 U	1.4 U	2 U	0.9 U	1.5 U	1.2 U	0.8 U	0.42 J	0.75 U
2,3,7,8-TCDD	**8290**	5 U	5.1 U	4.8 U	3 U	4.9 U	2.5 U	2.9 U	0.23 U	2.9 U
2,3,7,8-TCDD TEQ	**8290**	10 U	9 U	9 U	5.4 U	9 U	0.00273 J	0.00603 J	1.3 J	0.0228 J
2,3,7,8-Tetrachlorodibenzofuran	**8290**	3.2 U	3.4 U	3.1 U	1.5 U	3 U	1.9 U	1.7 U	0.22 U	1.8 U
Octachlorodibenzofuran	**8290**	5.2 U	5.2 U	3.2 U	3.2 U	5.6 U	3.1 U	3.1 J	0.99 J	1.9 U
Octachlorodibenzo-p-dioxin	**8290**	3.4 U	4.4 U	2.9 U	3.2 U	5.3 U	9.1 J	17 J	3.9 U	16 J

TABLE 20
DIOXINS AND FURANS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		SH-03	SH-04	SH-09	SH-11
SampleType:		Primary	Primary	Primary	Primary
Sample Name:		SH-03_040811_01	SH-04_040711_01	SH-09_041111_01	SH-11_040611_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/8/2011	4/7/2011	4/11/2011	4/6/2011
Analyte (pg/L)	**Method**				
1,2,3,4,6,7,8-Heptachlorodibenzofuran	**8290**	1.4 U	2.2 U	1.1 U	2.6 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	**8290**	28 J	4.2 U	4.2 J	5.4 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	**8290**	2.2 U	3.4 U	1.4 U	3.5 U
1,2,3,4,7,8-Hexachlorodibenzofuran	**8290**	0.86 U	1.5 U	0.79 U	1.5 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	**8290**	1.2 U	2 U	1 U	2.8 U
1,2,3,6,7,8-Hexachlorodibenzofuran	**8290**	0.85 U	1.5 U	0.79 U	1.6 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	**8290**	1.5 U	2.6 U	1.4 U	3.3 U
1,2,3,7,8,9-Hexachlorodibenzofuran	**8290**	1.1 U	2.1 U	0.98 U	2.1 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	**8290**	1.2 U	2.1 U	1.1 U	2.8 U
1,2,3,7,8-Pentachlorodibenzofuran	**8290**	1.1 U	1.9 U	1.1 U	2.5 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	**8290**	1.5 U	2.4 U	1.5 U	2.8 U
2,3,4,6,7,8-Hexachlorodibenzofuran	**8290**	0.89 U	1.6 U	0.75 U	1.7 U
2,3,4,7,8-Pentachlorodibenzofuran	**8290**	0.94 U	1.8 U	0.92 U	2.5 U
2,3,7,8-TCDD	**8290**	2.8 U	5.6 U	3.4 U	6.5 U
2,3,7,8-TCDD TEQ	**8290**	0.461 J	10 U	0.042 J	12 U
2,3,7,8-Tetrachlorodibenzofuran	**8290**	2 U	4.1 U	1.9 U	4.6 U
Octachlorodibenzofuran	**8290**	3.6 J	5.6 U	1.6 U	5.5 U
Octachlorodibenzo-p-dioxin	**8290**	600	4.6 U	100 U	4.2 U

NOTES AND ABBREVIATIONS

Chatsworth - Chatsworth Formation groundwater unit
Shallow - Near-surface groundwater unit

pg/L - picograms per liter

-- Not available
TEQ - toxicity equivalent
J - Result is estimated
U - Not detected above the method detection limit (MDL) or reporting limit (RL)
UJ - The result is not detected; the RL/MDL is estimated, however

TABLE 21
CHLORINATED PESTICIDES, HERBICIDES, AND POLYCHLORINATED BYPHENYLS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		ES-17	ES-27	HAR-01	HAR-01	HAR-01	HAR-01	HAR-02	HAR-03
SampleType:		Primary	Primary	Primary	Primary	Split	Field Duplicate	Primary	Primary
Sample Name:		ES-17_042511_01	ES-27_042511_01	HAR-01_042011_01	HAR-01_080911_01	HAR-01_080911_03	HAR-01_080911_36	HAR-02_042211_01	HAR-03_042011_01
Groundwater Unit:		Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/25/2011	4/25/2011	4/20/2011	8/9/2011	8/9/2011	8/9/2011	4/22/2011	4/20/2011
Analyte (ug/L)	**Method**								
2,4,5-T	**8151A**	0.19 U	0.2 U	0.2 U	0.18 U	0.13 U	0.18 U	0.19 U	0.2 U
2,4,5-Trichlorophenoxypropionicacid	**8151A**	0.17 U	0.18 U	0.18 U	0.16 U	0.11 U	0.16 U	0.17 U	0.18 U
2,4-DichlorophenoxyaceticAcid(2,4-D)	**8151A**	0.21 U	0.22 U	0.36 J	0.2 U	0.21 UJ	0.2 U	0.22 U	0.22 U
4,4'-DDD	**8081A**	0.0073 U	0.0073 U	0.0078 U	--	--	--	0.0078 U	0.0077 U
4,4'-DDE	**8081A**	0.0071 U	0.0072 U	0.0076 U	--	--	--	0.0076 U	0.0075 U
4,4'-DDT	**8081A**	0.014 U	0.014 U	0.015 U	--	--	--	0.015 U	0.015 U
Aldrin	**8081A**	0.0056 U	0.0056 U	0.0059 U	--	--	--	0.006 U	0.0059 U
alpha-BHC	**8081A**	0.005 U	0.0051 U	0.0053 U	--	--	--	0.0054 U	0.0053 U
Aroclor1016	**8082**	0.12 U	0.12 U	0.12 U	--	--	--	0.13 U	0.12 U
Aroclor1221	**8082**	0.2 U	0.2 U	0.22 U	--	--	--	0.22 U	0.21 U
Aroclor1232	**8082**	0.16 U	0.16 U	0.17 U	--	--	--	0.17 U	0.17 U
Aroclor1242	**8082**	0.099 U	0.099 U	0.1 U	--	--	--	0.11 U	0.1 U
Aroclor1248	**8082**	0.087 U	0.087 U	0.092 U	--	--	--	0.092 U	0.091 U
Aroclor1254	**8082**	0.11 U	0.11 U	0.11 U	--	--	--	0.12 U	0.11 U
Aroclor1260	**8082**	0.15 U	0.15 U	0.16 U	--	--	--	0.16 U	0.16 U
beta-BHC	**8081A**	0.0083 U	0.0083 U	0.0088 U	--	--	--	0.0088 U	0.0086 U
Chlordane	**8081A**	0.13 U	0.13 U	0.14 U	--	--	--	0.14 U	0.14 U
Chlorobenzilate	**8081A**	0.04 U	0.04 U	0.043 U	--	--	--	0.043 U	0.042 U
delta-BHC	**8081A**	0.0055 U	0.0055 U	0.0058 U	--	--	--	0.0059 U	0.0058 U
Diallate	**8081A**	0.18 U	0.18 U	0.19 U	--	--	--	0.19 U	0.19 U
Dieldrin	**8081A**	0.006 U	0.006 U	0.0063 U	--	--	--	0.0064 U	0.0063 U
Dimethoate	**8141A**	0.46 U	0.43 U	0.43 U	--	--	--	0.47 U	0.46 U
Dinoseb	**8151A**	0.18 U	0.19 U	0.19 U	0.95 U	0.19 U	0.96 U	0.18 U	0.19 U
Disulfoton	**8141A**	0.33 U	0.31 U	0.31 U	--	--	--	0.33 U	0.33 U
EndosulfanI	**8081A**	0.0055 U	0.0055 U	0.0058 U	--	--	--	0.0059 U	0.0058 U
EndosulfanII	**8081A**	0.0066 U	0.0067 U	0.007 U	--	--	--	0.0071 U	0.007 U
Endosulfansulfate	**8081A**	0.0054 U	0.0054 U	0.0057 U	--	--	--	0.0058 U	0.0057 U
Endrin	**8081A**	0.0075 U	0.0075 U	0.008 U	--	--	--	0.008 U	0.0079 U
Endrinaldehyde	**8081A**	0.0084 U	0.0084 U	0.0089 U	--	--	--	0.0089 U	0.0087 U
Famphur	**8141A**	0.18 U	0.17 U	0.17 U	--	--	--	0.19 U	0.18 U
gamma-BHC	**8081A**	0.0066 U	0.0066 U	0.0069 U	--	--	--	0.007 U	0.0069 U
Heptachlor	**8081A**	0.0073 U	0.0073 U	0.0078 U	--	--	--	0.0078 U	0.0077 U
Heptachlorepoxide	**8081A**	0.0071 U	0.0072 U	0.0076 U	--	--	--	0.0076 U	0.0075 U
Kepone	**8081A**	0.33 U	0.33 U	0.35 U	--	--	--	0.35 U	0.35 U
Methylparathion	**8141A**	0.14 U	0.13 U	0.13 U	--	--	--	0.15 U	0.15 U
p,p'-Methoxychlor	**8081A**	0.012 U	0.012 U	0.013 U	--	--	--	0.013 U	0.013 U
Parathion	**8141A**	0.15 U	0.14 U	0.14 U	--	--	--	0.15 U	0.15 U
Phorate	**8141A**	0.16 U	0.15 U	0.15 U	--	--	--	0.16 U	0.16 U
Tetraethyldithiopyrophosphate	**8141A**	0.17 U	0.16 U	0.16 U	--	--	--	0.17 U	0.17 U
Toxaphene	**8081A**	0.35 U	0.35 U	0.37 U	--	--	--	0.37 U	0.36 U
Zinophos	**8141A**	0.32 U	0.3 U	0.3 U	--	--	--	0.32 U	0.32 U

TABLE 21
CHLORINATED PESTICIDES, HERBICIDES, AND POLYCHLORINATED BYPHENYLS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-04	HAR-04	HAR-07	HAR-07	HAR-08	HAR-09	HAR-09	HAR-09
SampleType:		Primary	Split	Primary	Field Duplicate	Primary	Primary	Primary	Split
Sample Name:		HAR-04_042011_01	HAR-04_042011_03	HAR-07_041211_01	HAR-07_041211_36	HAR-08_041911_01	HAR-09_041411_01	HAR-09_080411_01	HAR-09_080411_03
Groundwater Unit:		Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine
Collection Date:		4/20/2011	4/20/2011	4/12/2011	4/12/2011	4/19/2011	4/14/2011	8/4/2011	8/4/2011
Analyte (ug/L)	**Method**								
2,4,5-T	**8151A**	0.18 U	0.13 U	0.2 U	0.19 U	0.18 U	0.18 UJ	0.18 U	0.13 U
2,4,5-Trichlorophenoxypropionicacid	**8151A**	0.16 U	0.11 U	0.17 U	0.17 U	0.16 U	0.16 UJ	0.16 U	0.11 U
2,4-DichlorophenoxyaceticAcid(2,4-D)	**8151A**	0.2 U	0.21 U	0.22 U	0.22 U	0.2 U	0.2 UJ	0.2 U	0.21 U
4,4'-DDD	**8081A**	0.0079 U	0.019 U	0.008 U	0.0078 U	0.0078 U	0.0073 U	--	--
4,4'-DDE	**8081A**	0.0077 U	0.019 U	0.0078 U	0.0076 U	0.0076 U	0.0071 U	--	--
4,4'-DDT	**8081A**	0.015 U	0.019 U	0.015 U	0.015 U	0.015 U	0.014 UJ	--	--
Aldrin	**8081A**	0.0061 U	0.019 U	0.0061 U	0.006 U	0.006 U	0.0056 UJ	--	--
alpha-BHC	**8081A**	0.0055 U	0.019 U	0.0055 U	0.0054 U	0.0054 U	0.005 U	--	--
Aroclor1016	**8082**	0.13 U	0.24 U	0.13 U	0.13 U	0.13 U	0.12 U	--	--
Aroclor1221	**8082**	0.22 U	0.24 U	0.22 U	0.22 U	0.22 U	0.2 U	--	--
Aroclor1232	**8082**	0.17 U	0.24 U	0.17 U	0.17 U	0.17 U	0.16 U	--	--
Aroclor1242	**8082**	0.11 U	0.24 U	0.11 U	0.11 U	0.11 U	0.099 U	--	--
Aroclor1248	**8082**	0.094 U	0.24 U	0.095 U	0.093 U	0.093 U	0.087 U	--	--
Aroclor1254	**8082**	0.12 U	0.24 U	0.12 U	0.12 U	0.12 U	0.11 U	--	--
Aroclor1260	**8082**	0.17 U	0.24 U	0.17 U	0.16 U	0.16 U	0.15 U	--	--
beta-BHC	**8081A**	0.009 U	0.028 U	0.009 U	0.0088 U	0.0088 U	0.0083 U	--	--
Chlordane	**8081A**	0.14 U	0.19 U	0.15 U	0.14 U	0.14 U	0.13 U	--	--
Chlorobenzilate	**8081A**	0.044 U	0.47 U	0.044 U	0.043 U	0.043 U	0.04 U	--	--
delta-BHC	**8081A**	0.006 U	0.019 U	0.006 U	0.0059 U	0.0059 U	0.0055 U	--	--
Diallate	**8081A**	0.2 U	0.47 U	0.2 U	0.2 U	0.2 U	0.18 U	--	--
Dieldrin	**8081A**	0.0065 U	0.019 U	0.0065 U	0.0064 U	0.0064 U	0.006 UJ	--	--
Dimethoate	**8141A**	0.44 U	0.23 U	0.48 U	0.45 U	0.43 U	0.43 U	--	--
Dinoseb	**8151A**	0.17 U	0.19 UJ	0.18 U	0.18 U	0.17 U	0.42 J	0.22 J	0.19 U
Disulfoton	**8141A**	0.32 U	0.005 U	0.34 U	0.33 U	0.31 U	0.31 U	--	--
EndosulfanI	**8081A**	0.006 U	0.019 U	0.006 U	0.0059 U	0.0059 U	0.0055 U	--	--
EndosulfanII	**8081A**	0.0072 U	0.019 U	0.0073 U	0.0071 U	0.0071 U	0.0067 U	--	--
Endosulfansulfate	**8081A**	0.0059 U	0.019 U	0.0059 U	0.0058 U	0.0058 U	0.0054 U	--	--
Endrin	**8081A**	0.0081 U	0.019 U	0.0082 U	0.008 U	0.008 U	0.0075 U	--	--
Endrinaldehyde	**8081A**	0.0091 U	0.019 U	0.0091 U	0.0089 U	0.0089 U	0.0084 U	--	--
Famphur	**8141A**	0.18 U	--	0.19 U	0.18 U	0.17 U	0.17 U	--	--
gamma-BHC	**8081A**	0.0071 U	0.019 U	0.0072 U	0.007 U	0.007 U	0.0066 UJ	--	--
Heptachlor	**8081A**	0.0079 U	0.028 U	0.008 U	0.0078 U	0.0078 U	0.0073 UJ	--	--
Heptachlorepoxide	**8081A**	0.0077 U	0.028 U	0.0078 U	0.0076 U	0.0076 U	0.0071 U	--	--
Kepone	**8081A**	0.36 U	0.47 U	0.36 U	0.35 U	0.35 U	0.33 U	--	--
Methylparathion	**8141A**	0.14 U	0.006 U	0.15 U	0.14 U	0.13 U	0.13 U	--	--
p,p'-Methoxychlor	**8081A**	0.013 U	0.019 U	0.013 U	0.013 U	0.013 U	0.012 U	--	--
Parathion	**8141A**	0.14 U	0.085 U	0.15 U	0.15 U	0.14 U	0.14 U	--	--
Phorate	**8141A**	0.15 U	0.005 U	0.16 U	0.16 U	0.15 U	0.15 U	--	--
Tetraethyldithiopyrophosphate	**8141A**	0.17 U	--	0.18 U	0.17 U	0.16 U	0.16 U	--	--
Toxaphene	**8081A**	0.38 U	0.47 U	0.38 U	0.37 U	0.37 U	0.35 U	--	--
Zinophos	**8141A**	0.31 U	0.06 U	0.33 U	0.32 U	0.3 U	0.3 U	--	--

TABLE 21
CHLORINATED PESTICIDES, HERBICIDES, AND POLYCHLORINATED BYPHENYLS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-09	HAR-11	HAR-12	HAR-12	HAR-12	HAR-12	HAR-14	HAR-14
SampleType:		Field Duplicate	Primary	Primary	Primary	Split	Field Duplicate	Primary	Primary
Sample Name:		HAR-09_080411_36	HAR-11_041411_01	HAR-12_041511_01	HAR-12_072911_01	HAR-12_072911_03	HAR-12_072911_36	HAR-14_041511_01	HAR-14_072911_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/4/2011	4/14/2011	4/15/2011	7/29/2011	7/29/2011	7/29/2011	4/15/2011	7/29/2011
Analyte (ug/L)	**Method**								
2,4,5-T	**8151A**	0.18 U	0.19 UJ	0.19 U	0.19 U	0.13 U	0.19 U	0.18 U	0.18 U
2,4,5-Trichlorophenoxypropionicacid	**8151A**	0.16 U	0.17 UJ	0.17 U	0.17 U	0.11 U	0.17 U	0.16 U	0.16 U
2,4-DichlorophenoxyaceticAcid(2,4-D)	**8151A**	0.2 U	0.21 UJ	0.22 J	0.21 U	0.21 U	0.21 U	0.2 U	0.2 U
4,4'-DDD	**8081A**	--	0.008 UJ	0.0074 U	--	--	--	0.0073 U	--
4,4'-DDE	**8081A**	--	0.0078 UJ	0.0072 U	--	--	--	0.0071 U	--
4,4'-DDT	**8081A**	--	0.015 UJ	0.014 U	--	--	--	0.014 U	--
Aldrin	**8081A**	--	0.0062 UJ	0.0057 U	--	--	--	0.0056 U	--
alpha-BHC	**8081A**	--	0.0055 UJ	0.0051 U	--	--	--	0.005 U	--
Aroclor1016	**8082**	--	0.13 U	0.12 U	--	--	--	0.12 U	--
Aroclor1221	**8082**	--	0.22 U	0.21 U	--	--	--	0.2 U	--
Aroclor1232	**8082**	--	0.17 U	0.16 U	--	--	--	0.16 U	--
Aroclor1242	**8082**	--	0.11 U	0.1 U	--	--	--	0.099 U	--
Aroclor1248	**8082**	--	0.095 U	0.088 U	--	--	--	0.087 U	--
Aroclor1254	**8082**	--	0.12 U	0.11 U	--	--	--	0.11 U	--
Aroclor1260	**8082**	--	0.17 U	0.15 U	--	--	--	0.15 U	--
beta-BHC	**8081A**	--	0.0091 UJ	0.0084 U	--	--	--	0.0083 U	--
Chlordane	**8081A**	--	0.15 UJ	0.14 U	--	--	--	0.13 U	--
Chlorobenzilate	**8081A**	--	0.044 UJ	0.041 U	--	--	--	0.04 U	--
delta-BHC	**8081A**	--	0.0061 UJ	0.0056 U	--	--	--	0.0055 U	--
Diallate	**8081A**	--	0.2 UJ	0.19 U	--	--	--	0.18 U	--
Dieldrin	**8081A**	--	0.0066 UJ	0.0061 U	--	--	--	0.006 U	--
Dimethoate	**8141A**	--	0.46 U	0.44 U	--	--	--	0.44 U	--
Dinoseb	**8151A**	0.23 J	0.18 U	0.18 U	0.18 UJ	0.19 U	0.18 UJ	0.27 J	0.17 UJ
Disulfoton	**8141A**	--	0.33 U	0.32 U	--	--	--	0.32 U	--
EndosulfanI	**8081A**	--	0.0061 UJ	0.0056 U	--	--	--	0.0055 U	--
EndosulfanII	**8081A**	--	0.0073 UJ	0.0068 U	--	--	--	0.0067 U	--
Endosulfansulfate	**8081A**	--	0.0059 UJ	0.0055 U	--	--	--	0.0054 U	--
Endrin	**8081A**	--	0.0082 UJ	0.0076 U	--	--	--	0.0075 U	--
Endrinaldehyde	**8081A**	--	0.0092 UJ	0.0085 U	--	--	--	0.0084 U	--
Famphur	**8141A**	--	0.18 U	0.18 U	--	--	--	0.18 U	--
gamma-BHC	**8081A**	--	0.0072 UJ	0.0067 U	--	--	--	0.0066 U	--
Heptachlor	**8081A**	--	0.008 UJ	0.0074 U	--	--	--	0.0073 U	--
Heptachlorepoxide	**8081A**	--	0.0078 UJ	0.0072 U	--	--	--	0.0071 U	--
Kepone	**8081A**	--	0.36 UJ	0.34 U	--	--	--	0.33 U	--
Methylparathion	**8141A**	--	0.14 U	0.14 U	--	--	--	0.14 U	--
p,p'-Methoxychlor	**8081A**	--	0.014 UJ	0.013 U	--	--	--	0.012 U	--
Parathion	**8141A**	--	0.15 U	0.14 U	--	--	--	0.14 U	--
Phorate	**8141A**	--	0.16 U	0.15 U	--	--	--	0.15 U	--
Tetraethyldithiopyrophosphate	**8141A**	--	0.17 U	0.16 U	--	--	--	0.16 U	--
Toxaphene	**8081A**	--	0.38 UJ	0.35 U	--	--	--	0.35 U	--
Zinophos	**8141A**	--	0.32 U	0.31 U	--	--	--	0.31 U	--

TABLE 21
CHLORINATED PESTICIDES, HERBICIDES, AND POLYCHLORINATED BYPHENYLS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-14	HAR-14	HAR-15	HAR-16	HAR-16	HAR-16	HAR-16	HAR-16
SampleType:		Split	Field Duplicate	Primary	Primary	Field Duplicate	Primary	Split	Field Duplicate
Sample Name:		HAR-14_072911_03	HAR-14_072911_36	HAR-15_041411_01	HAR-16_042011_01	HAR-16_042011_36	HAR-16_080511_01	HAR-16_080511_03	HAR-16_080511_36
Groundwater Unit:		Shallow	Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver
Collection Date:		7/29/2011	7/29/2011	4/14/2011	4/20/2011	4/20/2011	8/5/2011	8/5/2011	8/5/2011
Analyte (ug/L)	**Method**								
2,4,5-T	**8151A**	0.13 U	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.13 UJ	0.19 U
2,4,5-Trichlorophenoxypropionicacid	**8151A**	0.11 U	0.17 U	0.17 UJ	0.17 U	0.17 U	0.17 U	0.11 UJ	0.17 U
2,4-DichlorophenoxyaceticAcid(2,4-D)	**8151A**	0.21 U	0.21 U	0.21 UJ	0.21 U	0.27 J	0.21 U	0.21 UJ	0.21 U
4,4'-DDD	**8081A**	--	--	0.0081 U	0.0081 U	0.008 U	--	--	--
4,4'-DDE	**8081A**	--	--	0.0079 U	0.0079 U	0.0078 U	--	--	--
4,4'-DDT	**8081A**	--	--	0.016 UJ	0.016 U	0.015 U	--	--	--
Aldrin	**8081A**	--	--	0.0062 UJ	0.0062 U	0.0061 U	--	--	--
alpha-BHC	**8081A**	--	--	0.0056 U	0.0056 U	0.0055 U	--	--	--
Aroclor1016	**8082**	--	--	0.13 U	0.13 U	0.13 U	--	--	--
Aroclor1221	**8082**	--	--	0.23 U	0.22 U	0.22 U	--	--	--
Aroclor1232	**8082**	--	--	0.18 U	0.17 U	0.17 U	--	--	--
Aroclor1242	**8082**	--	--	0.11 U	0.11 U	0.11 U	--	--	--
Aroclor1248	**8082**	--	--	0.097 U	0.096 U	0.095 U	--	--	--
Aroclor1254	**8082**	--	--	0.12 U	0.12 U	0.12 U	--	--	--
Aroclor1260	**8082**	--	--	0.17 U	0.17 U	0.17 U	--	--	--
beta-BHC	**8081A**	--	--	0.0092 U	0.0091 U	0.009 U	--	--	--
Chlordane	**8081A**	--	--	0.15 U	0.15 U	0.14 U	--	--	--
Chlorobenzilate	**8081A**	--	--	0.045 U	0.044 U	0.044 U	--	--	--
delta-BHC	**8081A**	--	--	0.0061 U	0.0061 U	0.006 U	--	--	--
Diallate	**8081A**	--	--	0.2 U	0.2 U	0.2 U	--	--	--
Dieldrin	**8081A**	--	--	0.0066 UJ	0.0066 U	0.0065 U	--	--	--
Dimethoate	**8141A**	--	--	0.45 U	0.45 U	0.45 U	--	--	--
Dinoseb	**8151A**	0.19 U	0.18 UJ	0.18 U	0.18 U	0.18 U	0.18 UJ	0.19 UJ	0.18 UJ
Disulfoton	**8141A**	--	--	0.33 U	0.32 U	0.32 U	--	--	--
EndosulfanI	**8081A**	--	--	0.0061 U	0.0061 U	0.006 U	--	--	--
EndosulfanII	**8081A**	--	--	0.0074 U	0.0073 U	0.0072 U	--	--	--
Endosulfansulfate	**8081A**	--	--	0.006 U	0.006 U	0.0059 U	--	--	--
Endrin	**8081A**	--	--	0.0083 U	0.0083 U	0.0082 U	--	--	--
Endrinaldehyde	**8081A**	--	--	0.0093 U	0.0092 U	0.0091 U	--	--	--
Famphur	**8141A**	--	--	0.18 U	0.18 U	0.18 U	--	--	--
gamma-BHC	**8081A**	--	--	0.0073 UJ	0.0072 U	0.0071 U	--	--	--
Heptachlor	**8081A**	--	--	0.0081 UJ	0.0081 U	0.008 U	--	--	--
Heptachlorepoxide	**8081A**	--	--	0.0079 U	0.0079 U	0.0078 U	--	--	--
Kepone	**8081A**	--	--	0.37 U	0.37 U	0.36 U	--	--	--
Methylparathion	**8141A**	--	--	0.14 U	0.14 U	0.14 U	--	--	--
p,p'-Methoxychlor	**8081A**	--	--	0.014 U	0.014 U	0.013 U	--	--	--
Parathion	**8141A**	--	--	0.15 U	0.14 U	0.14 U	--	--	--
Phorate	**8141A**	--	--	0.16 U	0.15 U	0.15 U	--	--	--
Tetraethyldithiopyrophosphate	**8141A**	--	--	0.17 U	0.17 U	0.17 U	--	--	--
Toxaphene	**8081A**	--	--	0.39 U	0.39 U	0.38 U	--	--	--
Zinophos	**8141A**	--	--	0.32 U	0.31 U	0.31 U	--	--	--

TABLE 21
CHLORINATED PESTICIDES, HERBICIDES, AND POLYCHLORINATED BYPHENYLS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-19	HAR-20	HAR-21	HAR-25	HAR-25	HAR-25	HAR-25	HAR-26
SampleType:		Primary	Primary	Primary	Primary	Primary	Split	Field Duplicate	Primary
Sample Name:		HAR-19_041511_01	HAR-20_041411_01	HAR-21_041311_01	HAR-25_042211_01	HAR-25_081011_01	HAR-25_081011_03	HAR-25_081011_36	HAR-26_040711_01
Groundwater Unit:		Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver
Collection Date:		4/15/2011	4/14/2011	4/13/2011	4/22/2011	8/10/2011	8/10/2011	8/10/2011	4/7/2011
Analyte (ug/L)	**Method**								
2,4,5-T	**8151A**	0.19 U	0.19 UJ	0.18 UJ	0.19 U	0.19 U	0.13 U	0.18 U	0.19 U
2,4,5-Trichlorophenoxypropionicacid	**8151A**	0.17 U	0.17 UJ	0.16 UJ	0.17 U	0.17 U	0.11 U	0.16 U	0.17 U
2,4-DichlorophenoxyaceticAcid(2,4-D)	**8151A**	0.21 U	0.21 UJ	0.2 UJ	0.36 J	0.21 U	0.21 U	0.2 U	0.21 U
4,4'-DDD	**8081A**	0.0079 U	0.0078 U	0.0073 U	0.0077 U	--	--	--	0.0077 U
4,4'-DDE	**8081A**	0.0077 U	0.0076 U	0.0071 U	0.0075 U	--	--	--	0.0075 U
4,4'-DDT	**8081A**	0.015 U	0.015 UJ	0.014 UJ	0.015 U	--	--	--	0.015 U
Aldrin	**8081A**	0.006 U	0.006 UJ	0.0056 UJ	0.0059 U	--	--	--	0.0059 U
alpha-BHC	**8081A**	0.0054 U	0.0054 U	0.005 U	0.0053 U	--	--	--	0.0053 U
Aroclor1016	**8082**	0.13 U	0.13 U	0.12 U	0.12 U	--	--	--	0.12 U
Aroclor1221	**8082**	0.22 U	0.22 U	0.2 U	0.21 U	--	--	--	0.21 U
Aroclor1232	**8082**	0.17 U	0.17 U	0.16 U	0.17 U	--	--	--	0.17 U
Aroclor1242	**8082**	0.11 U	0.11 U	0.099 U	0.1 U	--	--	--	0.1 U
Aroclor1248	**8082**	0.094 U	0.093 U	0.087 U	0.092 U	--	--	--	0.092 U
Aroclor1254	**8082**	0.12 U	0.12 U	0.11 U	0.11 U	--	--	--	0.11 U
Aroclor1260	**8082**	0.16 U	0.16 U	0.15 U	0.16 U	--	--	--	0.16 U
beta-BHC	**8081A**	0.0089 U	0.0089 U	0.0083 U	0.0087 U	--	--	--	0.0087 U
Chlordane	**8081A**	0.14 U	0.14 U	0.13 U	0.14 U	--	--	--	0.14 U
Chlorobenzilate	**8081A**	0.043 U	0.043 U	0.04 U	0.043 U	--	--	--	0.043 U
delta-BHC	**8081A**	0.0059 U	0.0059 U	0.0055 U	0.0058 U	--	--	--	0.0058 U
Diallate	**8081A**	0.2 U	0.2 U	0.18 U	0.19 U	--	--	--	0.19 U
Dieldrin	**8081A**	0.0064 U	0.0064 UJ	0.006 UJ	0.0063 U	--	--	--	0.0063 U
Dimethoate	**8141A**	0.46 U	0.45 U	0.43 U	0.46 U	--	--	--	0.45 U
Dinoseb	**8151A**	0.18 U	0.18 U	0.17 U	0.18 U	0.18 UJ	0.19 U	0.17 UJ	0.18 U
Disulfoton	**8141A**	0.33 U	0.32 U	0.31 U	0.33 U	--	--	--	0.32 U
EndosulfanI	**8081A**	0.0059 U	0.0059 U	0.0055 U	0.0058 U	--	--	--	0.0058 U
EndosulfanII	**8081A**	0.0072 U	0.0071 U	0.0067 U	0.007 U	--	--	--	0.007 U
Endosulfansulfate	**8081A**	0.0058 U	0.0058 U	0.0054 U	0.0057 U	--	--	--	0.0057 U
Endrin	**8081A**	0.0081 U	0.008 U	0.0075 U	0.0079 U	--	--	--	0.0079 U
Endrinaldehyde	**8081A**	0.009 U	0.009 U	0.0084 U	0.0088 U	--	--	--	0.0088 U
Famphur	**8141A**	0.18 U	0.18 U	0.17 U	0.18 U	--	--	--	0.18 U
gamma-BHC	**8081A**	0.0071 U	0.007 UJ	0.0066 UJ	0.0069 U	--	--	--	0.0069 U
Heptachlor	**8081A**	0.0079 U	0.0078 UJ	0.0073 UJ	0.0077 U	--	--	--	0.0077 U
Heptachlorepoxide	**8081A**	0.0077 U	0.0076 U	0.0071 U	0.0075 U	--	--	--	0.0075 U
Kepone	**8081A**	0.36 U	0.35 U	0.33 U	0.35 U	--	--	--	0.35 U
Methylparathion	**8141A**	0.15 U	0.14 U	0.13 U	0.14 U	--	--	--	0.14 U
p,p'-Methoxychlor	**8081A**	0.013 U	0.013 U	0.012 U	0.013 U	--	--	--	0.013 U
Parathion	**8141A**	0.15 U	0.14 U	0.14 U	0.15 U	--	--	--	0.14 U
Phorate	**8141A**	0.16 U	0.16 U	0.15 U	0.16 U	--	--	--	0.15 U
Tetraethyldithiopyrophosphate	**8141A**	0.17 U	0.17 U	0.16 U	0.17 U	--	--	--	0.17 U
Toxaphene	**8081A**	0.38 U	0.37 U	0.35 U	0.37 U	--	--	--	0.37 U
Zinophos	**8141A**	0.32 U	0.31 U	0.3 U	0.32 U	--	--	--	0.31 U

TABLE 21
CHLORINATED PESTICIDES, HERBICIDES, AND POLYCHLORINATED BYPHENYLS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-27	HAR-27	HAR-27	HAR-27	HAR-28	HAR-29	HAR-30	HAR-32
SampleType:		Primary	Primary	Split	Field Duplicate	Primary	Primary	Primary	Primary
Sample Name:		HAR-27_041211_01	HAR-27_080211_01	HAR-27_080211_03	HAR-27_080211_36	HAR-28_041211_01	HAR-29_041911_01	HAR-30_042811_01	HAR-32_042711_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/12/2011	8/2/2011	8/2/2011	8/2/2011	4/12/2011	4/19/2011	4/28/2011	4/27/2011
Analyte (ug/L)	**Method**								
2,4,5-T	**8151A**	0.19 U	0.18 U	0.13 U	0.18 U	0.2 U	0.18 U	0.18 U	0.19 U
2,4,5-Trichlorophenoxypropionicacid	**8151A**	0.17 U	0.17 U	0.11 U	0.16 U	0.18 U	0.16 U	0.16 U	0.17 U
2,4-DichlorophenoxyaceticAcid(2,4-D)	**8151A**	0.21 U	0.2 U	0.21 U	0.2 U	0.22 U	0.2 U	0.2 U	0.22 U
4,4'-DDD	**8081A**	0.0074 U	--	--	--	0.0081 U	0.0074 U	0.0079 U	0.0084 U
4,4'-DDE	**8081A**	0.0072 U	--	--	--	0.0079 U	0.0072 U	0.0077 U	0.0081 U
4,4'-DDT	**8081A**	0.014 U	--	--	--	0.016 U	0.014 U	0.015 U	0.016 U
Aldrin	**8081A**	0.0057 U	--	--	--	0.0062 U	0.0057 U	0.006 U	0.0064 U
alpha-BHC	**8081A**	0.0051 U	--	--	--	0.0056 U	0.0051 U	0.0054 U	0.0058 U
Aroclor1016	**8082**	0.13 U	--	--	--	0.13 U	0.12 U	0.13 U	0.13 U
Aroclor1221	**8082**	0.22 U	--	--	--	0.23 U	0.21 U	0.22 U	0.23 U
Aroclor1232	**8082**	0.17 U	--	--	--	0.18 U	0.16 U	0.17 U	0.18 U
Aroclor1242	**8082**	0.11 U	--	--	--	0.11 U	0.1 U	0.11 U	0.11 U
Aroclor1248	**8082**	0.093 U	--	--	--	0.097 U	0.088 U	0.094 U	0.099 U
Aroclor1254	**8082**	0.12 U	--	--	--	0.12 U	0.11 U	0.12 U	0.12 U
Aroclor1260	**8082**	0.16 U	--	--	--	0.17 U	0.15 U	0.16 U	0.17 U
beta-BHC	**8081A**	0.0084 U	--	--	--	0.0092 U	0.0084 U	0.0089 U	0.0094 U
Chlordane	**8081A**	0.14 U	--	--	--	0.15 U	0.13 U	0.14 U	0.15 U
Chlorobenzilate	**8081A**	0.041 U	--	--	--	0.045 U	0.041 U	0.043 U	0.046 U
delta-BHC	**8081A**	0.0056 U	--	--	--	0.0061 U	0.0056 U	0.0059 U	0.0063 U
Diallate	**8081A**	0.19 U	--	--	--	0.2 U	0.19 U	0.2 U	0.21 U
Dieldrin	**8081A**	0.0061 U	--	--	--	0.0066 U	0.0061 U	0.0064 U	0.0068 U
Dimethoate	**8141A**	0.47 U	--	--	--	0.47 U	0.43 U	0.43 U	0.46 U
Dinoseb	**8151A**	0.45 J	0.17 J	0.19 U	0.17 UJ	0.19 U	0.17 U	0.17 U	0.18 U
Disulfoton	**8141A**	0.33 U	--	--	--	0.33 U	0.31 U	0.31 U	0.33 U
EndosulfanI	**8081A**	0.0056 U	--	--	--	0.0061 U	0.0056 U	0.0059 U	0.0063 U
EndosulfanII	**8081A**	0.0068 U	--	--	--	0.0074 U	0.0067 U	0.0072 U	0.0076 U
Endosulfansulfate	**8081A**	0.0055 U	--	--	--	0.006 U	0.0055 U	0.0058 U	0.0062 U
Endrin	**8081A**	0.0076 U	--	--	--	0.0083 U	0.0076 U	0.0081 U	0.0086 U
Endrinaldehyde	**8081A**	0.0085 U	--	--	--	0.0093 U	0.0085 U	0.009 U	0.0096 U
Famphur	**8141A**	0.19 U	--	--	--	0.19 U	0.17 U	0.17 U	0.18 U
gamma-BHC	**8081A**	0.0067 U	--	--	--	0.0073 U	0.0066 U	0.0071 U	0.0075 U
Heptachlor	**8081A**	0.0074 U	--	--	--	0.0081 U	0.0074 U	0.0079 U	0.0084 U
Heptachlorepoxide	**8081A**	0.0072 U	--	--	--	0.0079 U	0.0072 U	0.0077 U	0.0081 U
Kepone	**8081A**	0.34 U	--	--	--	0.37 U	0.33 U	0.36 U	0.38 U
Methylparathion	**8141A**	0.15 U	--	--	--	0.15 U	0.13 U	0.13 U	0.15 U
p,p'-Methoxychlor	**8081A**	0.013 U	--	--	--	0.014 U	0.012 U	0.013 U	0.014 U
Parathion	**8141A**	0.15 U	--	--	--	0.15 U	0.14 U	0.14 U	0.15 U
Phorate	**8141A**	0.16 U	--	--	--	0.16 U	0.15 U	0.15 U	0.16 U
Tetraethyldithiopyrophosphate	**8141A**	0.17 U	--	--	--	0.17 U	0.16 U	0.16 U	0.17 U
Toxaphene	**8081A**	0.35 U	--	--	--	0.39 U	0.35 U	0.38 U	0.4 U
Zinophos	**8141A**	0.32 U	--	--	--	0.32 U	0.3 U	0.3 U	0.32 U

TABLE 21
CHLORINATED PESTICIDES, HERBICIDES, AND POLYCHLORINATED BYPHENYLS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		HAR-33	PZ-035	PZ-060	PZ-060	PZ-060	PZ-060	PZ-129	PZ-139
SampleType:		Primary	Primary	Primary	Split	Field Duplicate	Primary	Primary	Primary
Sample Name:		HAR-33_042511_01	PZ-035_042611_01	PZ-060_012811_01	PZ-060_012811_03	PZ-060_012811_36	PZ-060_042711_01	PZ-129_012611_01	PZ-139_020311_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/25/2011	4/26/2011	1/28/2011	1/28/2011	1/28/2011	4/27/2011	1/26/2011	2/3/2011
Analyte (ug/L)	**Method**								
2,4,5-T	**8151A**	0.19 U	0.19 U	--	--	--	0.19 U	--	--
2,4,5-Trichlorophenoxypropionicacid	**8151A**	0.17 U	0.17 U	--	--	--	0.17 U	--	--
2,4-DichlorophenoxyaceticAcid(2,4-D)	**8151A**	0.21 U	0.21 U	--	--	--	0.21 U	--	--
4,4'-DDD	**8081A**	0.0075 U	0.0076 U	0.0075 U	0.004 U	0.0076 U	0.0076 UJ	--	--
4,4'-DDE	**8081A**	0.0073 U	0.0074 U	0.0073 U	0.003 U	0.0074 U	0.0074 UJ	--	--
4,4'-DDT	**8081A**	0.014 U	0.015 U	0.014 U	0.004 U	0.015 U	0.015 UJ	--	--
Aldrin	**8081A**	0.0058 U	0.0058 U	0.0057 U	0.0015 U	0.0058 U	0.0058 UJ	--	--
alpha-BHC	**8081A**	0.0052 U	0.0052 U	0.0052 U	0.0025 U	0.0052 U	0.0052 UJ	--	--
Aroclor1016	**8082**	0.12 U	0.12 U	--	--	--	0.12 U	0.12 U	0.13 U
Aroclor1221	**8082**	0.21 U	0.21 U	--	--	--	0.21 U	0.21 U	0.22 U
Aroclor1232	**8082**	0.16 U	0.16 U	--	--	--	0.16 U	0.17 U	0.17 U
Aroclor1242	**8082**	0.1 U	0.1 U	--	--	--	0.1 U	0.1 U	0.11 U
Aroclor1248	**8082**	0.089 U	0.09 U	--	--	--	0.09 U	0.091 U	0.095 U
Aroclor1254	**8082**	0.11 U	0.11 U	--	--	--	0.11 U	0.11 U	0.12 U
Aroclor1260	**8082**	0.16 U	0.16 U	--	--	--	0.16 U	0.16 U	0.17 U
beta-BHC	**8081A**	0.0085 U	0.0086 U	0.0085 U	0.004 U	0.0086 U	0.0086 UJ	--	--
Chlordane	**8081A**	0.14 U	0.14 U	0.14 U	0.079 U	0.14 U	0.14 UJ	--	--
Chlorobenzilate	**8081A**	0.041 U	0.042 U	0.041 U	--	0.042 U	0.042 UJ	--	--
delta-BHC	**8081A**	0.0057 U	0.0057 U	0.0056 U	0.0035 U	0.0057 U	0.0057 UJ	--	--
Diallate	**8081A**	0.19 U	0.19 U	0.19 U	--	0.19 U	0.19 UJ	--	--
Dieldrin	**8081A**	0.0061 U	0.0062 U	0.0061 U	0.002 U	0.0062 U	0.0062 UJ	--	--
Dimethoate	**8141A**	0.44 U	0.44 UJ	--	--	--	0.46 U	--	--
Dinoseb	**8151A**	0.18 U	0.18 U	--	--	--	0.18 U	--	--
Disulfoton	**8141A**	0.32 U	0.32 UJ	--	--	--	0.33 U	--	--
EndosulfanI	**8081A**	0.0057 U	0.0057 U	0.0056 U	0.002 U	0.0057 U	0.0057 UJ	--	--
EndosulfanII	**8081A**	0.0068 U	0.0069 U	0.0068 U	0.003 U	0.0069 U	0.0069 UJ	--	--
Endosulfansulfate	**8081A**	0.0056 U	0.0056 U	0.0055 U	0.003 U	0.0056 U	0.0056 UJ	--	--
Endrin	**8081A**	0.0077 U	0.0078 U	0.0077 U	0.002 U	0.0078 U	0.0078 UJ	--	--
Endrinaldehyde	**8081A**	0.0086 U	0.0087 U	0.0086 U	0.002 U	0.0087 U	0.0087 UJ	--	--
Famphur	**8141A**	0.18 U	0.18 UJ	--	--	--	0.18 U	--	--
gamma-BHC	**8081A**	0.0067 U	0.0068 U	0.0067 U	0.003 U	0.0068 U	0.0068 UJ	--	--
Heptachlor	**8081A**	0.0075 U	0.0076 U	0.0075 U	0.003 U	0.0076 U	0.0076 UJ	--	--
Heptachlorepoxide	**8081A**	0.0073 U	0.0074 U	0.0073 U	0.0025 U	0.0074 U	0.0074 UJ	--	--
Kepone	**8081A**	0.34 U	0.34 U	0.34 U	--	0.34 U	0.34 UJ	--	--
Methylparathion	**8141A**	0.14 U	0.14 UJ	--	--	--	0.14 U	--	--
p,p'-Methoxychlor	**8081A**	0.013 U	0.013 U	0.013 U	0.0035 U	0.013 U	0.013 UJ	--	--
Parathion	**8141A**	0.14 U	0.14 UJ	--	--	--	0.15 U	--	--
Phorate	**8141A**	0.15 U	0.15 UJ	--	--	--	0.16 U	--	--
Tetraethyldithiopyrophosphate	**8141A**	0.17 U	0.17 UJ	--	--	--	0.17 U	--	--
Toxaphene	**8081A**	0.36 U	0.36 U	0.36 U	0.25 U	0.36 U	0.36 UJ	--	--
Zinophos	**8141A**	0.31 U	0.31 UJ	--	--	--	0.32 U	--	--

TABLE 21
CHLORINATED PESTICIDES, HERBICIDES, AND POLYCHLORINATED BYPHENYLS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-139	PZ-139	PZ-139	PZ-139	PZ-140	PZ-140	PZ-140	PZ-140
SampleType:		Field Duplicate	Primary	Primary	Split	Primary	Primary	Split	Primary
Sample Name:		PZ-139_020311_36	PZ-139_042611_01	PZ-139_071211_01	PZ-139_071211_03	PZ-140_012411_01	PZ-140_042111_01	PZ-140_042111_03	PZ-140_080911_01A
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Irvine	TA- Denver
Collection Date:		2/3/2011	4/26/2011	7/12/2011	7/12/2011	1/24/2011	4/21/2011	4/21/2011	8/9/2011
Analyte (ug/L)	**Method**								
2,4,5-T	**8151A**	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenoxypropionicacid	**8151A**	--	--	--	--	--	--	--	--
2,4-DichlorophenoxyaceticAcid(2,4-D)	**8151A**	--	--	--	--	--	--	--	--
4,4'-DDD	**8081A**	--	--	--	--	--	--	--	--
4,4'-DDE	**8081A**	--	--	--	--	--	--	--	--
4,4'-DDT	**8081A**	--	--	--	--	--	--	--	--
Aldrin	**8081A**	--	--	--	--	--	--	--	--
alpha-BHC	**8081A**	--	--	--	--	--	--	--	--
Aroclor1016	**8082**	0.13 U	0.12 U	0.12 U	0.25 U	0.12 U	0.13 U	0.24 U	0.12 U
Aroclor1221	**8082**	0.22 U	0.2 U	0.21 U	0.25 U	0.21 U	0.22 U	0.24 U	0.2 U
Aroclor1232	**8082**	0.17 U	0.16 U	0.16 U	0.25 U	0.16 U	0.17 U	0.24 U	0.16 U
Aroclor1242	**8082**	0.11 U	0.099 U	0.1 U	0.25 U	0.1 U	0.11 U	0.24 U	0.099 U
Aroclor1248	**8082**	0.093 U	0.087 U	0.089 U	0.25 U	0.089 U	0.094 U	0.24 U	0.087 U
Aroclor1254	**8082**	0.12 U	0.11 U	0.11 U	0.25 U	0.11 U	0.12 U	0.24 U	0.11 U
Aroclor1260	**8082**	0.16 U	0.15 U	0.16 U	0.25 U	0.15 U	0.16 U	0.24 U	0.15 U
beta-BHC	**8081A**	--	--	--	--	--	--	--	--
Chlordane	**8081A**	--	--	--	--	--	--	--	--
Chlorobenzilate	**8081A**	--	--	--	--	--	--	--	--
delta-BHC	**8081A**	--	--	--	--	--	--	--	--
Diallate	**8081A**	--	--	--	--	--	--	--	--
Dieldrin	**8081A**	--	--	--	--	--	--	--	--
Dimethoate	**8141A**	--	--	--	--	--	--	--	--
Dinoseb	**8151A**	--	--	--	--	--	--	--	--
Disulfoton	**8141A**	--	--	--	--	--	--	--	--
EndosulfanI	**8081A**	--	--	--	--	--	--	--	--
EndosulfanII	**8081A**	--	--	--	--	--	--	--	--
Endosulfansulfate	**8081A**	--	--	--	--	--	--	--	--
Endrin	**8081A**	--	--	--	--	--	--	--	--
Endrinaldehyde	**8081A**	--	--	--	--	--	--	--	--
Famphur	**8141A**	--	--	--	--	--	--	--	--
gamma-BHC	**8081A**	--	--	--	--	--	--	--	--
Heptachlor	**8081A**	--	--	--	--	--	--	--	--
Heptachlorepoxide	**8081A**	--	--	--	--	--	--	--	--
Kepone	**8081A**	--	--	--	--	--	--	--	--
Methylparathion	**8141A**	--	--	--	--	--	--	--	--
p,p'-Methoxychlor	**8081A**	--	--	--	--	--	--	--	--
Parathion	**8141A**	--	--	--	--	--	--	--	--
Phorate	**8141A**	--	--	--	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8141A**	--	--	--	--	--	--	--	--
Toxaphene	**8081A**	--	--	--	--	--	--	--	--
Zinophos	**8141A**	--	--	--	--	--	--	--	--

TABLE 21
CHLORINATED PESTICIDES, HERBICIDES, AND POLYCHLORINATED BYPHENYLS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-140	PZ-141	PZ-141	PZ-141	PZ-141	PZ-144	PZ-144	PZ-144
SampleType:		Field Duplicate	Primary	Split	Primary	Primary	Primary	Primary	Field Duplicate
Sample Name:		PZ-140_080911_36A	PZ-141_020411_01	PZ-141_020411_03	PZ-141_041211_01	PZ-141_080111_01A	PZ-144_020111_01	PZ-144_041311_01	PZ-144_041311_36
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/9/2011	2/4/2011	2/4/2011	4/12/2011	8/1/2011	2/1/2011	4/13/2011	4/13/2011
Analyte (ug/L)	**Method**								
2,4,5-T	**8151A**	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenoxypropionicacid	**8151A**	--	--	--	--	--	--	--	--
2,4-DichlorophenoxyaceticAcid(2,4-D)	**8151A**	--	--	--	--	--	--	--	--
4,4'-DDD	**8081A**	--	--	--	--	--	--	--	--
4,4'-DDE	**8081A**	--	--	--	--	--	--	--	--
4,4'-DDT	**8081A**	--	--	--	--	--	--	--	--
Aldrin	**8081A**	--	--	--	--	--	--	--	--
alpha-BHC	**8081A**	--	--	--	--	--	--	--	--
Aroclor1016	**8082**	0.13 U	0.12 U	0.25 U	0.12 U	0.12 U	0.12 U	0.12 U	0.13 U
Aroclor1221	**8082**	0.22 U	0.2 U	0.25 U	0.21 U	0.2 U	0.21 U	0.21 U	0.22 U
Aroclor1232	**8082**	0.17 U	0.16 U	0.25 U	0.16 U	0.16 U	0.17 U	0.16 U	0.17 U
Aroclor1242	**8082**	0.11 U	0.099 U	0.25 U	0.1 U	0.099 U	0.1 U	0.1 U	0.11 U
Aroclor1248	**8082**	0.094 U	0.087 U	0.25 U	0.089 U	0.087 U	0.092 U	0.089 U	0.095 U
Aroclor1254	**8082**	0.12 U	0.11 U	0.25 U	0.11 U	0.11 U	0.11 U	0.11 U	0.12 U
Aroclor1260	**8082**	0.16 U	0.15 U	0.25 U	0.16 U	0.15 U	0.16 U	0.16 U	0.17 U
beta-BHC	**8081A**	--	--	--	--	--	--	--	--
Chlordane	**8081A**	--	--	--	--	--	--	--	--
Chlorobenzilate	**8081A**	--	--	--	--	--	--	--	--
delta-BHC	**8081A**	--	--	--	--	--	--	--	--
Diallate	**8081A**	--	--	--	--	--	--	--	--
Dieldrin	**8081A**	--	--	--	--	--	--	--	--
Dimethoate	**8141A**	--	--	--	--	--	--	--	--
Dinoseb	**8151A**	--	--	--	--	--	--	--	--
Disulfoton	**8141A**	--	--	--	--	--	--	--	--
EndosulfanI	**8081A**	--	--	--	--	--	--	--	--
EndosulfanII	**8081A**	--	--	--	--	--	--	--	--
Endosulfansulfate	**8081A**	--	--	--	--	--	--	--	--
Endrin	**8081A**	--	--	--	--	--	--	--	--
Endrinaldehyde	**8081A**	--	--	--	--	--	--	--	--
Famphur	**8141A**	--	--	--	--	--	--	--	--
gamma-BHC	**8081A**	--	--	--	--	--	--	--	--
Heptachlor	**8081A**	--	--	--	--	--	--	--	--
Heptachlorepoxide	**8081A**	--	--	--	--	--	--	--	--
Kepone	**8081A**	--	--	--	--	--	--	--	--
Methylparathion	**8141A**	--	--	--	--	--	--	--	--
p,p'-Methoxychlor	**8081A**	--	--	--	--	--	--	--	--
Parathion	**8141A**	--	--	--	--	--	--	--	--
Phorate	**8141A**	--	--	--	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8141A**	--	--	--	--	--	--	--	--
Toxaphene	**8081A**	--	--	--	--	--	--	--	--
Zinophos	**8141A**	--	--	--	--	--	--	--	--

TABLE 21
CHLORINATED PESTICIDES, HERBICIDES, AND POLYCHLORINATED BYPHENYLS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-144	PZ-146	PZ-146	PZ-147	PZ-147	PZ-148	PZ-149	PZ-149
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-144_080111_01	PZ-146_042911_01	PZ-146_080311_01	PZ-147_042811_01	PZ-147_080911_01	PZ-148_042811_01	PZ-149_041111_01	PZ-149_072811_01A
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		8/1/2011	4/29/2011	8/3/2011	4/28/2011	8/9/2011	4/28/2011	4/11/2011	7/28/2011
Analyte (ug/L)	**Method**								
2,4,5-T	**8151A**	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenoxypropionicacid	**8151A**	--	--	--	--	--	--	--	--
2,4-DichlorophenoxyaceticAcid(2,4-D)	**8151A**	--	--	--	--	--	--	--	--
4,4'-DDD	**8081A**	--	--	--	--	--	--	--	--
4,4'-DDE	**8081A**	--	--	--	--	--	--	--	--
4,4'-DDT	**8081A**	--	--	--	--	--	--	--	--
Aldrin	**8081A**	--	--	--	--	--	--	--	--
alpha-BHC	**8081A**	--	--	--	--	--	--	--	--
Aroclor1016	**8082**	0.13 U	0.12 U	0.14 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
Aroclor1221	**8082**	0.22 U	0.2 U	0.25 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
Aroclor1232	**8082**	0.17 U	0.16 U	0.19 U	0.16 U	0.17 U	0.17 U	0.17 U	0.17 U
Aroclor1242	**8082**	0.1 U	0.099 U	0.12 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Aroclor1248	**8082**	0.092 U	0.087 U	0.1 U	0.091 U	0.091 U	0.092 U	0.092 U	0.092 U
Aroclor1254	**8082**	0.12 U	0.11 U	0.13 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
Aroclor1260	**8082**	0.16 U	0.15 U	0.18 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
beta-BHC	**8081A**	--	--	--	--	--	--	--	--
Chlordane	**8081A**	--	--	--	--	--	--	--	--
Chlorobenzilate	**8081A**	--	--	--	--	--	--	--	--
delta-BHC	**8081A**	--	--	--	--	--	--	--	--
Diallate	**8081A**	--	--	--	--	--	--	--	--
Dieldrin	**8081A**	--	--	--	--	--	--	--	--
Dimethoate	**8141A**	--	--	--	--	--	--	--	--
Dinoseb	**8151A**	--	--	--	--	--	--	--	--
Disulfoton	**8141A**	--	--	--	--	--	--	--	--
EndosulfanI	**8081A**	--	--	--	--	--	--	--	--
EndosulfanII	**8081A**	--	--	--	--	--	--	--	--
Endosulfansulfate	**8081A**	--	--	--	--	--	--	--	--
Endrin	**8081A**	--	--	--	--	--	--	--	--
Endrinaldehyde	**8081A**	--	--	--	--	--	--	--	--
Famphur	**8141A**	--	--	--	--	--	--	--	--
gamma-BHC	**8081A**	--	--	--	--	--	--	--	--
Heptachlor	**8081A**	--	--	--	--	--	--	--	--
Heptachlorepoxide	**8081A**	--	--	--	--	--	--	--	--
Kepone	**8081A**	--	--	--	--	--	--	--	--
Methylparathion	**8141A**	--	--	--	--	--	--	--	--
p,p'-Methoxychlor	**8081A**	--	--	--	--	--	--	--	--
Parathion	**8141A**	--	--	--	--	--	--	--	--
Phorate	**8141A**	--	--	--	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8141A**	--	--	--	--	--	--	--	--
Toxaphene	**8081A**	--	--	--	--	--	--	--	--
Zinophos	**8141A**	--	--	--	--	--	--	--	--

TABLE 21
CHLORINATED PESTICIDES, HERBICIDES, AND POLYCHLORINATED BYPHENYLS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-152	PZ-154	PZ-154	PZ-154	PZ-155	PZ-155	PZ-157	PZ-158
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-152_042911_01	PZ-154_012811_01	PZ-154_042111_01	PZ-154_072711_01A	PZ-155_041211_01	PZ-155_072911_01A	PZ-157_072211_01	PZ-158_013111_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/29/2011	1/28/2011	4/21/2011	7/27/2011	4/12/2011	7/29/2011	7/22/2011	1/31/2011
Analyte (ug/L)	**Method**								
2,4,5-T	**8151A**	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenoxypropionicacid	**8151A**	--	--	--	--	--	--	--	--
2,4-DichlorophenoxyaceticAcid(2,4-D)	**8151A**	--	--	--	--	--	--	--	--
4,4'-DDD	**8081A**	--	--	--	--	--	--	--	--
4,4'-DDE	**8081A**	--	--	--	--	--	--	--	--
4,4'-DDT	**8081A**	--	--	--	--	--	--	--	--
Aldrin	**8081A**	--	--	--	--	--	--	--	--
alpha-BHC	**8081A**	--	--	--	--	--	--	--	--
Aroclor1016	**8082**	0.13 U	0.12 U	0.13 U	0.13 U	0.12 U	0.13 U	0.13 U	0.13 U
Aroclor1221	**8082**	0.22 U	0.21 U	0.22 U	0.22 U	0.2 U	0.22 U	0.22 U	0.22 U
Aroclor1232	**8082**	0.17 U	0.16 U	0.17 U	0.17 U	0.16 U	0.17 U	0.17 U	0.17 U
Aroclor1242	**8082**	0.11 U	0.1 U	0.11 U	0.11 U	0.099 U	0.11 U	0.1 U	0.11 U
Aroclor1248	**8082**	0.095 U	0.09 U	0.094 U	0.095 U	0.087 U	0.094 U	0.092 U	0.093 U
Aroclor1254	**8082**	0.12 U	0.11 U	0.12 U	0.12 U	0.11 U	0.12 U	0.12 U	0.12 U
Aroclor1260	**8082**	0.17 U	0.16 U	0.16 U	0.17 U	0.15 U	0.16 U	0.16 U	0.16 U
beta-BHC	**8081A**	--	--	--	--	--	--	--	--
Chlordane	**8081A**	--	--	--	--	--	--	--	--
Chlorobenzilate	**8081A**	--	--	--	--	--	--	--	--
delta-BHC	**8081A**	--	--	--	--	--	--	--	--
Diallate	**8081A**	--	--	--	--	--	--	--	--
Dieldrin	**8081A**	--	--	--	--	--	--	--	--
Dimethoate	**8141A**	--	--	--	--	--	--	--	--
Dinoseb	**8151A**	--	--	--	--	--	--	--	--
Disulfoton	**8141A**	--	--	--	--	--	--	--	--
EndosulfanI	**8081A**	--	--	--	--	--	--	--	--
EndosulfanII	**8081A**	--	--	--	--	--	--	--	--
Endosulfansulfate	**8081A**	--	--	--	--	--	--	--	--
Endrin	**8081A**	--	--	--	--	--	--	--	--
Endrinaldehyde	**8081A**	--	--	--	--	--	--	--	--
Famphur	**8141A**	--	--	--	--	--	--	--	--
gamma-BHC	**8081A**	--	--	--	--	--	--	--	--
Heptachlor	**8081A**	--	--	--	--	--	--	--	--
Heptachlorepoxide	**8081A**	--	--	--	--	--	--	--	--
Kepone	**8081A**	--	--	--	--	--	--	--	--
Methylparathion	**8141A**	--	--	--	--	--	--	--	--
p,p'-Methoxychlor	**8081A**	--	--	--	--	--	--	--	--
Parathion	**8141A**	--	--	--	--	--	--	--	--
Phorate	**8141A**	--	--	--	--	--	--	--	--
Tetraethyldithiopyrophosphate	**8141A**	--	--	--	--	--	--	--	--
Toxaphene	**8081A**	--	--	--	--	--	--	--	--
Zinophos	**8141A**	--	--	--	--	--	--	--	--

TABLE 21
CHLORINATED PESTICIDES, HERBICIDES, AND POLYCHLORINATED BYPHENYLS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		PZ-158	PZ-158	RD-08	RD-104	RD-11	RD-12	RD-49C	RS-08
SampleType:		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Name:		PZ-158_042911_01	PZ-158_072211_01	RD-08_041111_01	RD-104_042911_01	RD-11_041111_01	RD-12_041111_01	RD-49C_041511_01	RS-08_041311_01
Groundwater Unit:		Shallow	Shallow	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Chatsworth	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/29/2011	7/22/2011	4/11/2011	4/29/2011	4/11/2011	4/11/2011	4/15/2011	4/13/2011
Analyte (ug/L)	**Method**								
2,4,5-T	**8151A**	--	--	0.2 U	0.19 U	0.19 U	0.19 U	0.18 U	0.18 UJ
2,4,5-Trichlorophenoxypropionicacid	**8151A**	--	--	0.18 U	0.17 U	0.17 U	0.17 U	0.17 U	0.16 UJ
2,4-DichlorophenoxyaceticAcid(2,4-D)	**8151A**	--	--	0.22 U	0.22 U	0.21 U	0.21 U	0.2 U	0.2 UJ
4,4'-DDD	**8081A**	--	--	0.0078 U	0.0077 U	0.0076 U	0.0074 U	0.0076 U	0.0073 U
4,4'-DDE	**8081A**	--	--	0.0076 U	0.0075 U	0.0074 U	0.0072 U	0.0074 U	0.0071 U
4,4'-DDT	**8081A**	--	--	0.015 U	0.015 U	0.015 U	0.014 U	0.015 U	0.014 UJ
Aldrin	**8081A**	--	--	0.006 U	0.0059 U	0.0059 U	0.0056 U	0.0058 U	0.0056 UJ
alpha-BHC	**8081A**	--	--	0.0054 U	0.0053 U	0.0053 U	0.0051 U	0.0052 U	0.005 U
Aroclor1016	**8082**	0.12 U	0.12 U	0.13 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
Aroclor1221	**8082**	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.2 U	0.21 U	0.2 U
Aroclor1232	**8082**	0.16 U	0.17 U	0.17 U	0.17 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor1242	**8082**	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.099 U
Aroclor1248	**8082**	0.089 U	0.092 U	0.093 U	0.091 U	0.091 U	0.088 U	0.09 U	0.087 U
Aroclor1254	**8082**	0.11 U	0.11 U	0.12 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
Aroclor1260	**8082**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.15 U	0.16 U	0.15 U
beta-BHC	**8081A**	--	--	0.0088 U	0.0087 U	0.0086 U	0.0083 U	0.0085 U	0.0083 U
Chlordane	**8081A**	--	--	0.14 U	0.14 U	0.14 U	0.13 U	0.14 U	0.13 U
Chlorobenzilate	**8081A**	--	--	0.043 U	0.042 U	0.042 U	0.041 U	0.042 U	0.04 U
delta-BHC	**8081A**	--	--	0.0059 U	0.0058 U	0.0058 U	0.0055 U	0.0057 U	0.0055 U
Diallate	**8081A**	--	--	0.2 U	0.19 U	0.19 U	0.18 U	0.19 U	0.18 U
Dieldrin	**8081A**	--	--	0.0064 U	0.0063 U	0.0063 U	0.006 U	0.0062 U	0.006 UJ
Dimethoate	**8141A**	--	--	0.48 U	0.45 U	0.43 U	0.43 U	0.45 U	0.43 U
Dinoseb	**8151A**	--	--	0.19 U	0.18 U	0.18 U	0.18 U	0.17 U	0.17 U
Disulfoton	**8141A**	--	--	0.34 U	0.32 U	0.31 U	0.31 U	0.33 U	0.31 U
EndosulfanI	**8081A**	--	--	0.0059 U	0.0058 U	0.0058 U	0.0055 U	0.0057 U	0.0055 U
EndosulfanII	**8081A**	--	--	0.0071 U	0.007 U	0.0069 U	0.0067 U	0.0069 U	0.0067 U
Endosulfansulfate	**8081A**	--	--	0.0058 U	0.0057 U	0.0057 U	0.0055 U	0.0056 U	0.0054 U
Endrin	**8081A**	--	--	0.008 U	0.0079 U	0.0078 U	0.0076 U	0.0078 U	0.0075 U
Endrinaldehyde	**8081A**	--	--	0.0089 U	0.0088 U	0.0087 U	0.0084 U	0.0086 U	0.0084 U
Famphur	**8141A**	--	--	0.19 U	0.18 U	0.17 U	0.17 U	0.18 U	0.17 U
gamma-BHC	**8081A**	--	--	0.007 U	0.0069 U	0.0068 U	0.0066 U	0.0068 U	0.0066 UJ
Heptachlor	**8081A**	--	--	0.0078 U	0.0077 U	0.0076 U	0.0074 U	0.0076 U	0.0073 UJ
Heptachlorepoxide	**8081A**	--	--	0.0076 U	0.0075 U	0.0074 U	0.0072 U	0.0074 U	0.0071 U
Kepone	**8081A**	--	--	0.35 U	0.35 U	0.35 U	0.33 U	0.34 U	0.33 U
Methylparathion	**8141A**	--	--	0.15 U	0.14 U	0.13 U	0.14 U	0.14 U	0.13 U
p,p'-Methoxychlor	**8081A**	--	--	0.013 U	0.013 U	0.013 U	0.012 U	0.013 U	0.012 U
Parathion	**8141A**	--	--	0.15 U	0.14 U	0.14 U	0.14 U	0.15 U	0.14 U
Phorate	**8141A**	--	--	0.16 U	0.15 U	0.15 U	0.15 U	0.16 U	0.15 U
Tetraethyldithiopyrophosphate	**8141A**	--	--	0.18 U	0.17 U	0.16 U	0.16 U	0.17 U	0.16 U
Toxaphene	**8081A**	--	--	0.37 U	0.37 U	0.36 U	0.35 U	0.36 U	0.35 U
Zinophos	**8141A**	--	--	0.33 U	0.31 U	0.3 U	0.3 U	0.32 U	0.3 U

TABLE 21
CHLORINATED PESTICIDES, HERBICIDES, AND POLYCHLORINATED BYPHENYLS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		RS-13	RS-29	RS-33	RS-34	SH-03	SH-03	SH-03	SH-03	SH-04
SampleType:		Primary	Primary	Primary	Primary	Primary	Split	Field Duplicate	Primary	Primary
Sample Name:		RS-13_042811_01	RS-29_041311_01	RS-33_040711_01	RS-34_042711_01	SH-03_020211_01	SH-03_020211_03	SH-03_020211_36	SH-03_040811_01	SH-04_040711_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver
Collection Date:		4/28/2011	4/13/2011	4/7/2011	4/27/2011	2/2/2011	2/2/2011	2/2/2011	4/8/2011	4/7/2011
Analyte (ug/L)	**Method**									
2,4,5-T	**8151A**	--	--	0.18 U	0.18 U	--	--	--	0.18 U	0.18 U
2,4,5-Trichlorophenoxypropionicacid	**8151A**	--	--	0.16 U	0.16 U	--	--	--	0.16 U	0.16 U
2,4-DichlorophenoxyaceticAcid(2,4-D)	**8151A**	--	--	0.2 U	0.2 U	--	--	--	0.2 U	0.2 U
4,4'-DDD	**8081A**	--	--	0.0075 U	0.0074 U	0.0074 U	0.0038 U	0.0073 U	0.0073 U	0.008 U
4,4'-DDE	**8081A**	--	--	0.0073 U	0.0072 U	0.0072 U	0.0029 U	0.0071 U	0.0071 U	0.0078 U
4,4'-DDT	**8081A**	--	--	0.014 U	0.014 U	0.014 UJ	0.0038 U	0.014 UJ	0.014 U	0.015 U
Aldrin	**8081A**	--	--	0.0058 U	0.0057 U	0.0056 U	0.0014 U	0.0056 U	0.0056 U	0.0061 U
alpha-BHC	**8081A**	--	--	0.0052 U	0.0051 U	0.0051 U	0.0024 U	0.005 U	0.005 U	0.0055 U
Aroclor1016	**8082**	0.12 U	0.12 U	0.12 U	0.12 U	--	--	--	0.12 U	0.13 U
Aroclor1221	**8082**	0.2 U	0.21 U	0.21 U	0.21 U	--	--	--	0.2 U	0.22 U
Aroclor1232	**8082**	0.16 U	0.16 U	0.16 U	0.16 U	--	--	--	0.16 U	0.17 U
Aroclor1242	**8082**	0.099 U	0.1 U	0.1 U	0.1 U	--	--	--	0.099 U	0.11 U
Aroclor1248	**8082**	0.087 U	0.088 U	0.089 U	0.088 U	--	--	--	0.087 U	0.095 U
Aroclor1254	**8082**	0.11 U	0.11 U	0.11 U	0.11 U	--	--	--	0.11 U	0.12 U
Aroclor1260	**8082**	0.15 U	0.15 U	0.16 U	0.15 U	--	--	--	0.15 U	0.17 U
beta-BHC	**8081A**	--	--	0.0085 U	0.0084 U	0.0083 U	0.0038 U	0.0083 U	0.0083 U	0.0091 U
Chlordane	**8081A**	--	--	0.14 U	0.13 U	0.13 U	0.076 U	0.13 U	0.13 U	0.15 U
Chlorobenzilate	**8081A**	--	--	0.041 U	0.041 U	0.041 U	--	0.04 U	0.04 U	0.044 U
delta-BHC	**8081A**	--	--	0.0057 U	0.0056 U	0.0055 UJ	0.0033 U	0.0055 UJ	0.0055 U	0.006 U
Diallate	**8081A**	--	--	0.19 U	0.19 U	0.18 U	--	0.18 U	0.18 U	0.2 U
Dieldrin	**8081A**	--	--	0.0061 U	0.0061 U	0.006 U	0.0019 U	0.006 U	0.006 U	0.0066 U
Dimethoate	**8141A**	--	--	0.44 U	0.43 U	--	--	--	0.42 U	0.43 U
Dinoseb	**8151A**	--	--	0.17 U	0.17 U	--	--	--	0.17 J	0.17 U
Disulfoton	**8141A**	--	--	0.31 U	0.31 U	--	--	--	0.3 U	0.31 U
EndosulfanI	**8081A**	--	--	0.0057 U	0.0056 U	0.0055 U	0.0019 U	0.0055 U	0.0055 U	0.006 U
EndosulfanII	**8081A**	--	--	0.0068 U	0.0067 U	0.0067 U	0.0029 U	0.0067 U	0.0067 U	0.0073 U
Endosulfansulfate	**8081A**	--	--	0.0056 U	0.0055 U	0.0054 U	0.0029 U	0.0054 U	0.0054 U	0.0059 U
Endrin	**8081A**	--	--	0.0077 U	0.0076 U	0.0075 U	0.0019 U	0.0075 U	0.0075 U	0.0082 U
Endrinaldehyde	**8081A**	--	--	0.0086 U	0.0085 U	0.0084 U	0.0019 U	0.0084 U	0.0084 U	0.0092 U
Famphur	**8141A**	--	--	0.17 U	0.17 U	--	--	--	0.17 U	0.17 U
gamma-BHC	**8081A**	--	--	0.0067 U	0.0066 U	0.0066 UJ	0.0029 U	0.0066 UJ	0.0066 U	0.0072 U
Heptachlor	**8081A**	--	--	0.0075 U	0.0074 U	0.0074 UJ	0.0029 U	0.0073 UJ	0.0073 U	0.008 U
Heptachlorepoxide	**8081A**	--	--	0.0073 U	0.0072 U	0.0072 U	0.0024 U	0.0071 U	0.0071 U	0.0078 U
Kepone	**8081A**	--	--	0.34 U	0.34 U	0.33 U	--	0.33 U	0.33 U	0.36 U
Methylparathion	**8141A**	--	--	0.14 U	0.13 U	--	--	--	0.13 U	0.13 U
p,p'-Methoxychlor	**8081A**	--	--	0.013 U	0.013 U	0.012 U	0.0033 U	0.012 U	0.012 U	0.014 U
Parathion	**8141A**	--	--	0.14 U	0.14 U	--	--	--	0.14 U	0.14 U
Phorate	**8141A**	--	--	0.15 U	0.15 U	--	--	--	0.15 U	0.15 U
Tetraethyldithiopyrophosphate	**8141A**	--	--	0.16 U	0.16 U	--	--	--	0.16 U	0.16 U
Toxaphene	**8081A**	--	--	0.36 U	0.35 U	0.35 U	0.24 U	0.35 U	0.35 U	0.38 U
Zinophos	**8141A**	--	--	0.3 U	0.3 U	--	--	--	0.29 U	0.3 U

TABLE 21
CHLORINATED PESTICIDES, HERBICIDES, AND POLYCHLORINATED BYPHENYLS ANALYTICAL RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CA

Well Identifier:		SH-09	SH-09	SH-09	SH-09	SH-11
SampleType:		Primary	Split	Field Duplicate	Primary	Primary
Sample Name:		SH-09_020711_01	SH-09_020711_03	SH-09_020711_36	SH-09_041111_01	SH-11_040611_01
Groundwater Unit:		Shallow	Shallow	Shallow	Shallow	Shallow
Lab Name:		TA- Denver	TA- Irvine	TA- Denver	TA- Denver	TA- Denver
Collection Date:		2/7/2011	2/7/2011	2/7/2011	4/11/2011	4/6/2011
Analyte (ug/L)	**Method**					
2,4,5-T	**8151A**	0.18 U	0.13 U	0.18 U	0.19 U	0.97 U
2,4,5-Trichlorophenoxypropionicacid	**8151A**	0.16 U	0.11 U	0.17 U	0.17 U	0.16 U
2,4-DichlorophenoxyaceticAcid(2,4-D)	**8151A**	0.2 U	0.21 U	0.2 U	0.82 J	0.2 U
4,4'-DDD	**8081A**	--	--	--	0.008 U	0.0075 U
4,4'-DDE	**8081A**	--	--	--	0.0078 U	0.0073 U
4,4'-DDT	**8081A**	--	--	--	0.015 U	0.014 U
Aldrin	**8081A**	--	--	--	0.0061 U	0.0058 U
alpha-BHC	**8081A**	--	--	--	0.0055 U	0.0052 U
Aroclor1016	**8082**	--	--	--	0.13 U	0.12 U
Aroclor1221	**8082**	--	--	--	0.22 U	0.21 U
Aroclor1232	**8082**	--	--	--	0.17 U	0.16 U
Aroclor1242	**8082**	--	--	--	0.11 U	0.1 U
Aroclor1248	**8082**	--	--	--	0.095 U	0.089 U
Aroclor1254	**8082**	--	--	--	0.12 U	0.11 U
Aroclor1260	**8082**	--	--	--	0.17 U	0.16 U
beta-BHC	**8081A**	--	--	--	0.0091 U	0.0085 U
Chlordane	**8081A**	--	--	--	0.15 U	0.14 U
Chlorobenzilate	**8081A**	--	--	--	0.044 U	0.041 U
delta-BHC	**8081A**	--	--	--	0.006 U	0.0057 U
Diallate	**8081A**	--	--	--	0.2 U	0.19 U
Dieldrin	**8081A**	--	--	--	0.0066 U	0.0061 U
Dimethoate	**8141A**	--	--	--	0.45 U	0.44 U
Dinoseb	**8151A**	0.17 U	0.19 U	0.18 U	0.48 J	0.17 U
Disulfoton	**8141A**	--	--	--	0.32 U	0.31 U
EndosulfanI	**8081A**	--	--	--	0.006 U	0.0057 U
EndosulfanII	**8081A**	--	--	--	0.0073 U	0.0068 U
Endosulfansulfate	**8081A**	--	--	--	0.0059 U	0.0056 U
Endrin	**8081A**	--	--	--	0.0082 U	0.0077 U
Endrinaldehyde	**8081A**	--	--	--	0.018 J	0.0086 U
Famphur	**8141A**	--	--	--	0.18 U	0.17 U
gamma-BHC	**8081A**	--	--	--	0.0072 U	0.0067 U
Heptachlor	**8081A**	--	--	--	0.008 U	0.0075 U
Heptachlorepoxide	**8081A**	--	--	--	0.0078 U	0.0073 U
Kepone	**8081A**	--	--	--	0.36 U	0.34 U
Methylparathion	**8141A**	--	--	--	0.14 U	0.14 U
p,p'-Methoxychlor	**8081A**	--	--	--	0.014 U	0.013 U
Parathion	**8141A**	--	--	--	0.14 U	0.14 U
Phorate	**8141A**	--	--	--	0.15 U	0.15 U
Tetraethyldithiopyrophosphate	**8141A**	--	--	--	0.17 U	0.16 U
Toxaphene	**8081A**	--	--	--	0.38 U	0.36 U
Zinophos	**8141A**	--	--	--	0.31 U	0.3 U

NOTES AND ABBREVIATIONS

Chatsworth - Chatsworth Formation groundwater unit
Shallow - Near-surface groundwater unit

µg/L - micrograms per liter

-- Not available
J - Result is estimated
U - Not detected above the method detection limit (MDL) or reporting limit (RL)
UJ - The result is not detected; the RL/MDL is estimated, however

TABLE 22
VERIFICATION AND FOLLOW-UP SAMPLING RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Monitoring Program	Constituent(s)	Samples Scheduled	Units	Sample Concentrations				
					Primary Sample	Duplicate Sample	Split Sample	Equipment Rinse Blank	Field Blank
FIRST QUARTER									
HAR-30	Evaluation-aff	Cyanides	Verification	mg/L	0.003 J	0.002 U	0.0022 U	NA	0.002 U
		Sulfide	Verification	mg/L	0.39	0.33	0.42 J	NA	0.007 U
PZ-060	Evaluation-aff	Acetophenone	Verification	ug/L	0.24 U	0.24 U	3.8 U	0.23 U	0.23 U
		Kepone	Verification	ug/L	0.34 U	0.34 U	33 U	0.34 U	0.34 U
RS-08	Evaluation-aff	Sulfide	Verification	mg/L	0.007 U	0.007 U	NA	NA	0.007 U
SH-03	Evaluation-aff	1,2,3-Trichloropropane	Verification	ug/L	0.0086	0.0086	0.01	0.0017 U	0.0017 U
		4,4'-DDT	Verification	ug/L	0.014 UJ	0.014 UJ	0.0038 U	NA	0.014 UJ
SH-09	Evaluation-aff	1,2,3-Trichloropropane	Verification	ug/L	0.0035 J	0.0036 J	0.0053	0.0017 U	0.0017 U
		Dinoseb	Verification	ug/L	0.17 U	0.18 U	0.19 U	0.18 U	0.18 U
SH-11	Evaluation-aff	bis(2-ethylhexyl)phthalate	Verification	ug/L	0.86 J	1.1 J	3.2 U	0.55 U	0.53 U
SECOND QUARTER									
SH-11	Evaluation-aff	bis(2-ethylhexyl)phthalate	Verification	µg/L	0.55 U	9.7 U	3.8 U	0.77 J	0.64 J
THIRD QUARTER									
ES-17	Evaluation-aff	Dichlorodifluoromethane	Verification	µg/L	6.2 J	6.1 J	10 U	NA	0.31 U
HAR-01	Evaluation-aff	Cyanides	Verification	mg/L	0.0022 J	0.003 U	0.0022 U	NA	0.0021 J
		2,4-Dichlorophenoxyacetic Acid (2,4-D)	Verification	µg/L	0.2 U	0.2 U	0.21 U	NA	0.2 U
HAR-02	Evaluation-aff	1,2,3,4,6,7,8-Heptachlorodibenzofuran	Verification	Not Sampled - Insufficient Water					
		1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	Verification						
		Octachlorodibenzofuran	Verification						
		Octachlorodibenzo-p-dioxin	Verification						
HAR-07	Evaluation-aff	Octachlorodibenzofuran	Verification	pg/L	3.6 U	5.2 U	2.5 U	NA	4.8 U
HAR-09	Evaluation-aff	Dinoseb	Verification	µg/L	0.22 J	0.23 J	0.19 U	NA	0.18 UJ
HAR-12	Evaluation-aff	2,4-Dichlorophenoxyacetic Acid (2,4-D)	Verification	µg/L	0.21 U	0.21 U	0.21 U	NA	0.21 U
HAR-14	Evaluation-aff	Dinoseb	Verification	µg/L	0.17 UJ	0.18 UJ	0.19 U	NA	0.18 UJ
		Benzyl alcohol	Verification	µg/L	10 U	0.23 U	3.3 U	NA	1.4 J
HAR-16	Evaluation-aff	2,4-Dichlorophenoxyacetic Acid (2,4-D)	Verification	µg/L	0.21 U	0.21 U	0.21 UJ	NA	0.21 U
HAR-20	Evaluation-aff	Dichlorodifluoromethane	Verification	µg/L	0.31 UJ	0.31 UJ	0.26 UJ	NA	0.31 UJ
HAR-25	Evaluation-aff	2,4-Dichlorophenoxyacetic Acid (2,4-D)	Verification	µg/L	0.21 U	0.20 U	0.21 U	NA	0.20 U
HAR-26	Evaluation-aff	Cyanides	Verification	mg/L	0.002 U	0.0026 J	0.0022 U	NA	0.002 U
		bis(2-Ethylhexyl) phthalate	Verification	µg/L	0.54 U	0.54 U	3.8 U	NA	0.53 U
HAR-27	Evaluation-aff	Cyanides	Verification	mg/L	0.0023 U	0.0051 U	0.003 U	NA	0.0049 J
		Dinoseb	Verification	µg/L	0.17 J	0.17 UJ	0.19 U	NA	0.19 UJ

See Table 7 for analyte lists and analysis methods

TABLE 22
VERIFICATION AND FOLLOW-UP SAMPLING RESULTS, 2011
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Monitoring Program	Constituent(s)	Samples Scheduled	Units	Sample Concentrations				
					Primary Sample	Duplicate Sample	Split Sample	Equipment Rinse Blank	Field Blank
HAR-33	Evaluation-aff	Octachlorodibenzo-p-dioxin	Verification	pg/L	2.4 U	1.5 U	7.7 U	NA	1.8 U
PZ-060	Evaluation-aff	Sulfide	Verification	mg/L	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
		n-Nitrosodi-n-propylamine	Verification	µg/L	0.36 U	0.37 U	3.4 U	0.34 U	0.37 U
RD-11	Evaluation-aff	Cyanides	Verification	mg/L	0.002 U	0.002 U	0.0022 U	NA	0.002 U
		Sulfide	Verification	mg/L	0.088 J	0.091 J	0.084 J	NA	0.007 U
		Octachlorodibenzofuran	Verification	pg/L	1.3 U	2.1 U	1.2 U	NA	1.9 U
RD-12	Evaluation-aff	Cyanides	Verification	mg/L	0.0023 J	0.002 U	0.0031 J	NA	0.002 U
RS-33	Evaluation-aff	Fluoranthene	Verification	µg/L	0.19 U	0.19 U	2.8 U	NA	0.19 U
		Phenanthrene	Verification	µg/L	0.25 U	0.25 U	3.3 U	NA	0.25 U
RS-34	Evaluation-aff	Octachlorodibenzo-p-dioxin	Verification	pg/L	17 J	16 J	3.9 U	NA	2.0 U
SH-03	Evaluation-aff	Dinoseb	Verification	Not Sampled - Insufficient Water					
		1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	Verification						
		Octachlorodibenzofuran	Verification						
		Octachlorodibenzo-p-dioxin	Verification						
SH-04	Evaluation	bis(2-Ethylhexyl) phthalate	Verification	µg/L	10 U	0.6 U	4.1 U	0.53 U	0.56 U
SH-09	Evaluation-aff	2,4-Dichlorophenoxyacetic Acid (2,4-D)	Verification	Not Sampled - Insufficient Water					
		Dinoseb	Verification						
		Endrin aldehyde	Verification						
		1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	Verification						
SH-11	Evaluation	Diethyl phthalate	Verification	µg/L	0.4 U	0.36 U	3.5 U	0.39 U	0.37 U

NOTES AND ABREVIATIONS

Verification - Primary, duplicate, split, and field blank samples
Follow-up - Primary, duplicate, and split samples
mg/L -milligrams per liter
pg/L -picograms per liter
µg/L - micrograms per liter
NA - not analyzed
U - Not detected above the method detection limit (MDL) or reporting limit (RL).
J - result is estimated
UJ - The result is not detected; however, the RL/MDL is estimated

No samples were scheduled for follow-up sampling in 2011.

TABLE 23
PROPOSED VERIFICATION AND FOLLOW-UP SAMPLING, FIRST QUARTER 2012
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Monitoring Program	Constituent(s)	Samples Scheduled
HAR-02	Evaluation-aff	1,2,3,4,6,7,8-Heptachlorodibenzofuran	Verification
	Evaluation-aff	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	Verification
	Evaluation-aff	Octachlorodibenzofuran	Verification
	Evaluation-aff	Octachlorodibenzo-p-dioxin	Verification
SH-03	Evaluation-aff	Dinoseb	Verification
	Evaluation-aff	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	Verification
	Evaluation-aff	Octachlorodibenzofuran	Verification
	Evaluation-aff	Octachlorodibenzo-p-dioxin	Verification
SH-09	Evaluation-aff	Dinoseb	Verification
	Evaluation-aff	2,4-Dichlorophenoxyacetic Acid (2,4-D)	Verification
	Evaluation-aff	Endrin aldehyde	Verification
	Evaluation-aff	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	Verification

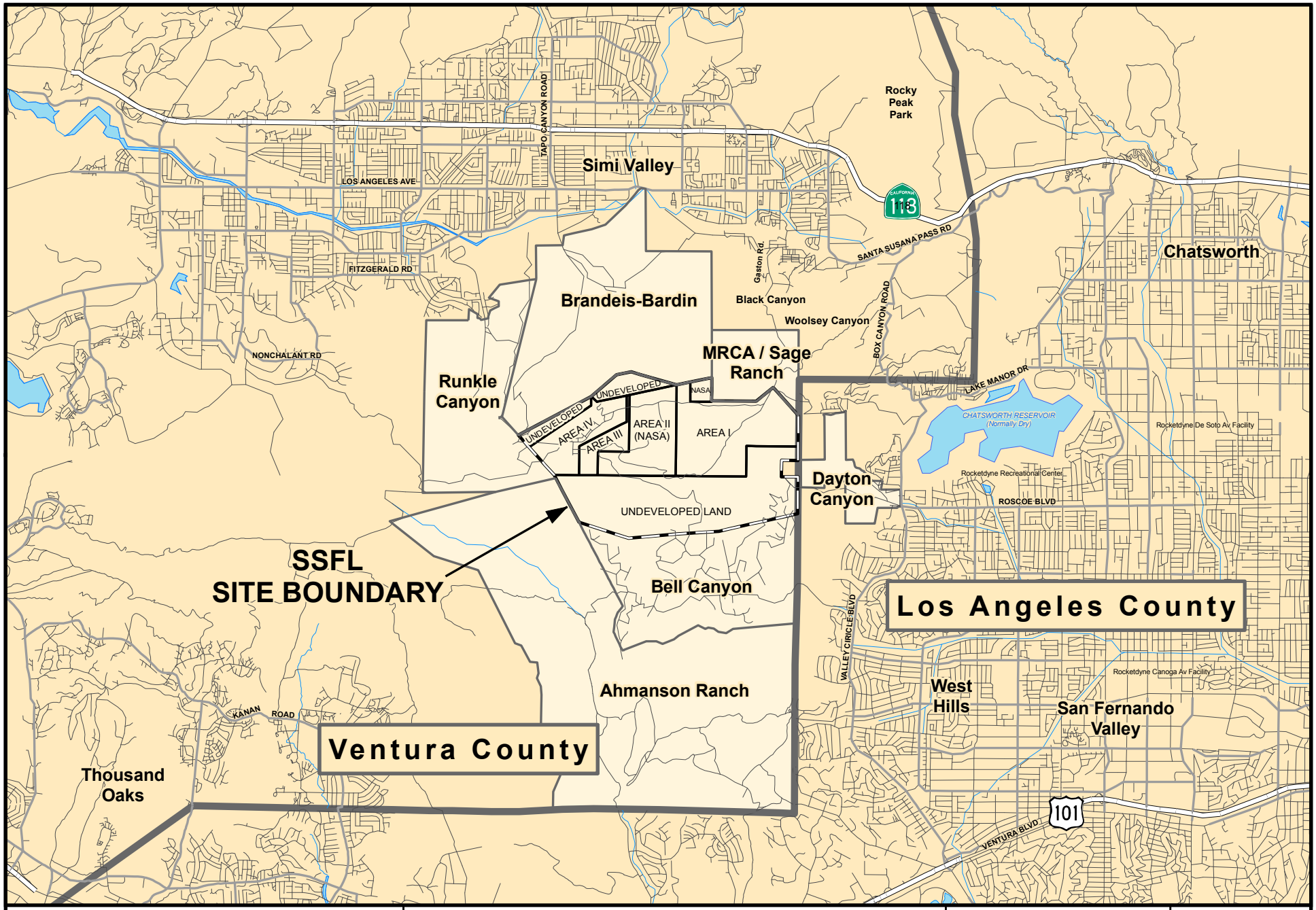
NOTES

Verification - Primary, duplicate, split, equipment rinse blank, and field blank samples

Follow-up - Primary, duplicate, and split samples

No samples are proposed for follow-up sampling in first quarter 2012.

FIGURES


Rocky Peak Park
Simi Valley
LOS ANGELES AVE
TAPO CANYON ROAD
FITZGERALD RD
NONCHALANT RD
Brandeis-Bardin
Runkle Canyon
Gaston Rd.
Black Canyon
Woolsey Canyon
SANTA SUSANA PASS RD
BOX CANYON ROAD
Chatsworth
MRCA / Sage Ranch
LAKE MANOR DR
CHATSWORTH RESERVOIR (Normally Dry)
Rocketdyne De Soto Av Facility
Rocketdyne Recreational Center
ROSCOE BLVD
UNDEVELOPED
UNDEVELOPED
NASA
AREA IV
AREA III
AREA II (NASA)
AREA I
Dayton Canyon
UNDEVELOPED LAND
SSFL SITE BOUNDARY
Bell Canyon
Los Angeles County
VALLEY CIRCLE BLVD
Rocketdyne Canoga Av Facility
West Hills
San Fernando Valley
Ahmanson Ranch
KANAN ROAD
Ventura County
Thousand Oaks
101
VENTURA BLVD
1 inch = 1.5 miles
Miles
0
1.5
3
SANTA SUSANA FIELD LABORATORY
Facility Location Map
Figure 1

LEGEND

- PROPERTY BOUNDARY
- AREA BOUNDARY
- FINER GRAINED UNIT
- AREA IN WHICH FINER-GRAIND UNIT MAY BE DISCONTINUOUS
- FAULT LOCATION
- DEFORMATION BAND LOCATION
- STRUCTURE LOCATION
- INFERRED FAULT LOCATION BASED ON ONE OR A NUMBER OF THE FOLLOWING: DISPLACEMENT OF GEOLOGIC CONTACT, LINEAR TOPOGRAPHIC FEATURE ASSOCIATED WITH A DISPLACED GEOLOGIC CONTACT AND/OR SMALL SCALE STRUCTURES OBSERVED IN CORE
- INFERRED FAULT LOCATION BASED PRIMARILY ON AERIAL PHOTO ANALYSIS
- GEOLOGIC CONTACT
- THINNER FINE PEBBLE CONGLOMERATE BED
- THINNER SANDSTONE BED
- CONTINUOUS BED
- CONGLOMERATE
- SMALL-SCALE FAULT
- SHALE FLOAT OBSERVED
- OUTCROP OF SHALE OBSERVED
- DIABASE DIKE
- CARBONATE VEIN
- BRECCIATED SANDSTONE W/CALCITE FILLING SPACES BETWEEN SANDSTONE FRAGMENTS
- ZONE OF ANASTOMOTIZING FRACTURES AND/OR DEFORMATION BANDS
- MAJOR DIABASE DIKE
- MAJOR CARBONATE VEIN
- 36 — STRIKE AND DIP OF BEDDING
- 82 — STRIKE AND DIP OF FAULT
- ATTITUDE OF VERTICAL FAULT
- 82 — STRIKE AND DIP OF DEFORMATION BAND
- ATTITUDE OF VERTICAL DEFORMATION BAND
- 82 — STRIKE AND DIP OF CARBONATE VEIN
- RD-29 — CHATSWORTH FORMATION GROUNDWATER MONITORING WELL

- C-4 — COREHOLE LOCATION
- OS-12 — SPRING LOCATION
- Tm — UNDIFFERENTIATED MIOCENE FORMATIONS
- Tsus — SANTA SUSANA FORMATION
- Tlv — LAS VIRGENES FORMATION
- Tsi — SIMI FORMATION
- Kc — CHATSWORTH FORMATION, UNDIFFERENTIATED
- Kcss — CHATSWORTH FORMATION, SANDSTONE
- Kcsh — CHATSWORTH FORMATION, SHALE
- Kccg — CHATSWORTH FORMATION, CONGLOMERATE

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of this figure should not be used because it may not accurately represent the information presented.

DRAFT

From Draft Site-wide Groundwater Remedial Investigation Report (MWH, 2009)

0 FEET 1500
SCALE

N

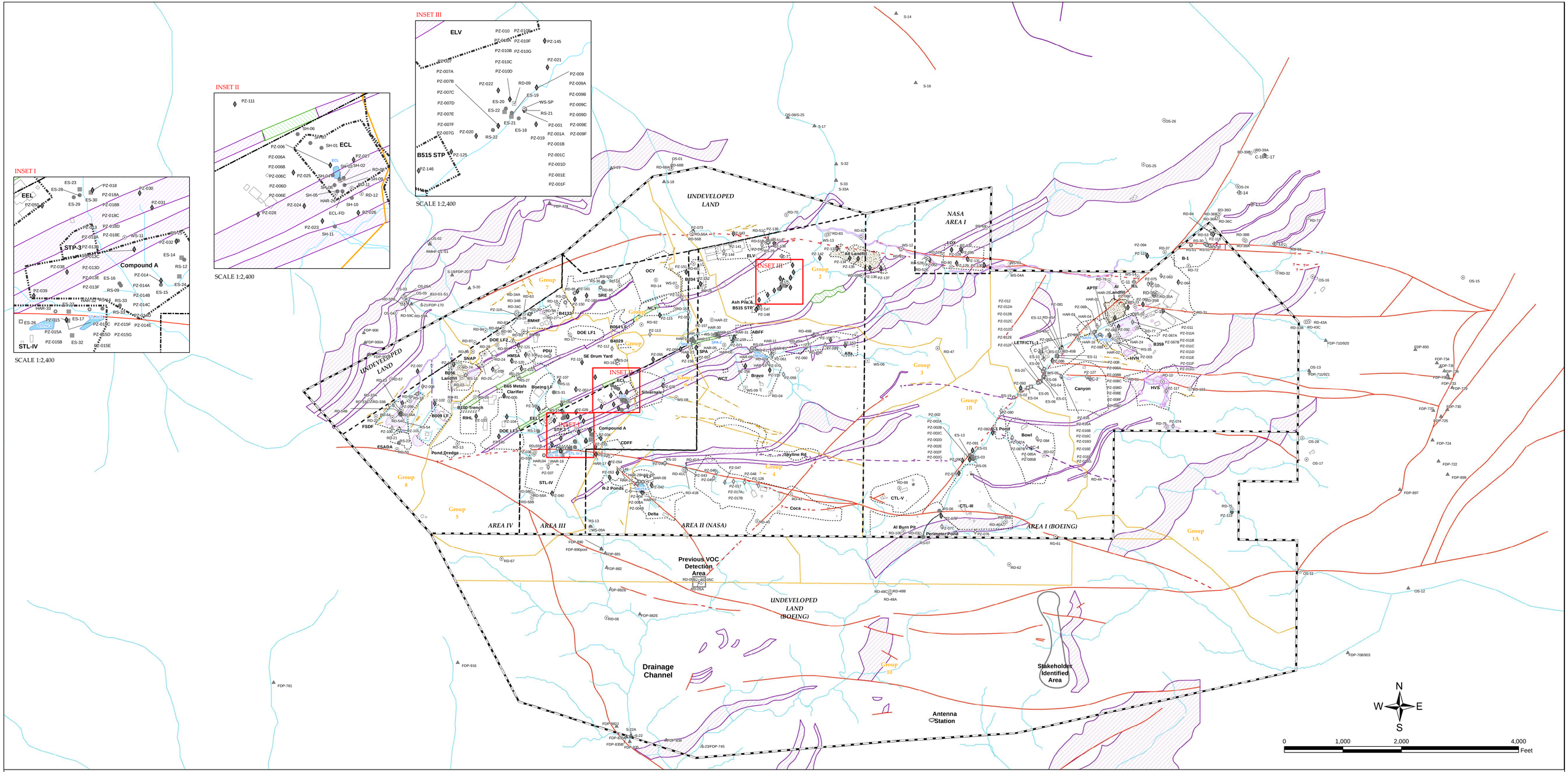
MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

SSFL GEOLOGIC MAP

FIGURE 2

FILE No. CAD MLUEBKE\BOEING SANTA SUSANA\GW RI REPORT\SSFL GEO MAP NO ANNOTATIONS 3 11



LEGEND

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Excavation
- Landfill
- Post-Closure Impoundments
- Investigation Areas

Geology

- Faults - Dashed where inferred
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous
- Structure
- Deformation Band

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
Al Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
Al Burn Pit	Area I Burn Pit

Group 2

All Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

LOCATIONS OF WELLS, PIEZOMETERS AND SEEPS
FIGURE 3

File: N:Industrial Projects\GIS\BoeingSantaSusana\MXD\GW Monitoring\2011_4Q\Fig2_Wells_Piez_Springs.mxd

INSET I

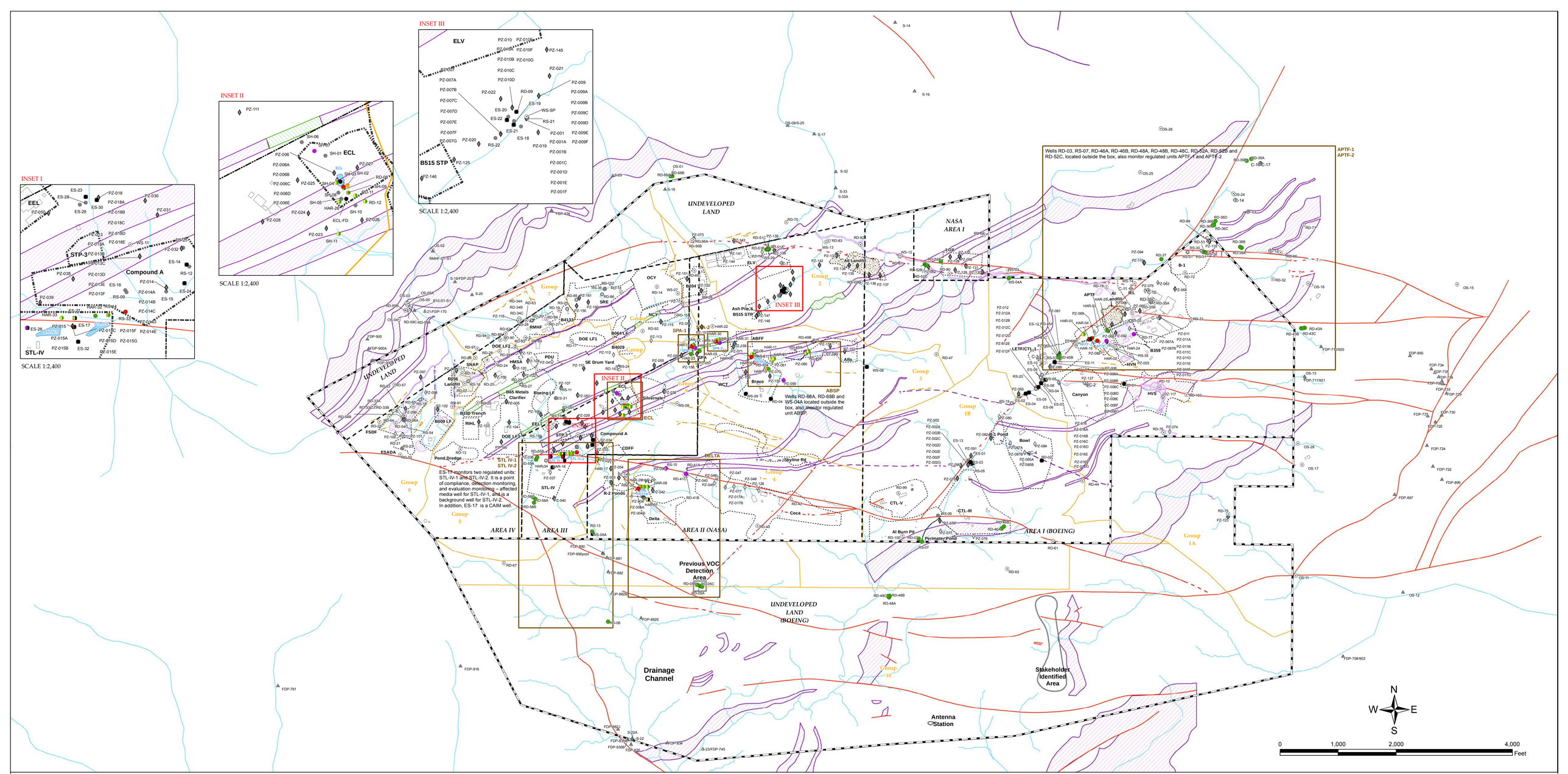
SCALE 1:2,400

INSET II

SCALE 1:2,400

INSET III

SCALE 1:2,400



0 1,000 2,000 4,000 Feet

LEGEND

Regulated Unit Program Monitoring Locations

- Point of Compliance Detection Monitoring and Evaluation Monitoring - Affected Media
- Detection Monitoring
- Evaluation Monitoring
- Evaluation Monitoring - Affected Media
- Detection Monitoring and Evaluation Monitoring
- Background Monitoring
- Corrective Action Interim Monitoring

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults - Dashed where inferred
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous
- Structure
- Deformation Band

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Excavation
- Landfill
- Post-Closure Impoundments
- Investigation Areas

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
Al Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
Al Burn Pit	Area I Burn Pit

Group 2

All Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

REGULATED UNIT PROGRAM MONITORING LOCATIONS
FIGURE 4

File: N:Industrial Projects\GIS\BoeingSantaSusana\MXD\GW Monitoring\2011_4Q\Fig4_Regulated_Unit.mxd

Wells OS-09 and OS-09R, located 4,800 feet to the north of wells RD-68A and RD-68B, are also monitored under the Site-wide Program

INSET I

SCALE 1:2,400

INSET II

SCALE 1:2,400

INSET III

SCALE 1:2,400

0 1,000 2,000 4,000 Feet

N W E S

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2012

SITE-WIDE AND LUFT PROGRAM MONITORING LOCATIONS
FIGURE 5

LEGEND

Site-wide and LUFT Program Monitoring Locations

- Site-wide Program
- LUFT Program
- Site-wide and LUFT Program

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults - Dashed where inferred
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous
- Structure
- Deformation Band

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Excavation
- Landfill
- Post-Closure Impoundments
- Investigation Areas

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
AI Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
AI Burn Pit	Area I Burn Pit

Group 2

AII Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

File: N:Industrial Projects\GIS\BoeingSantaSusana\MXD\GW Monitoring\2011_4Q\Fig5_Sitewide_LUFT.mxd

INSET I

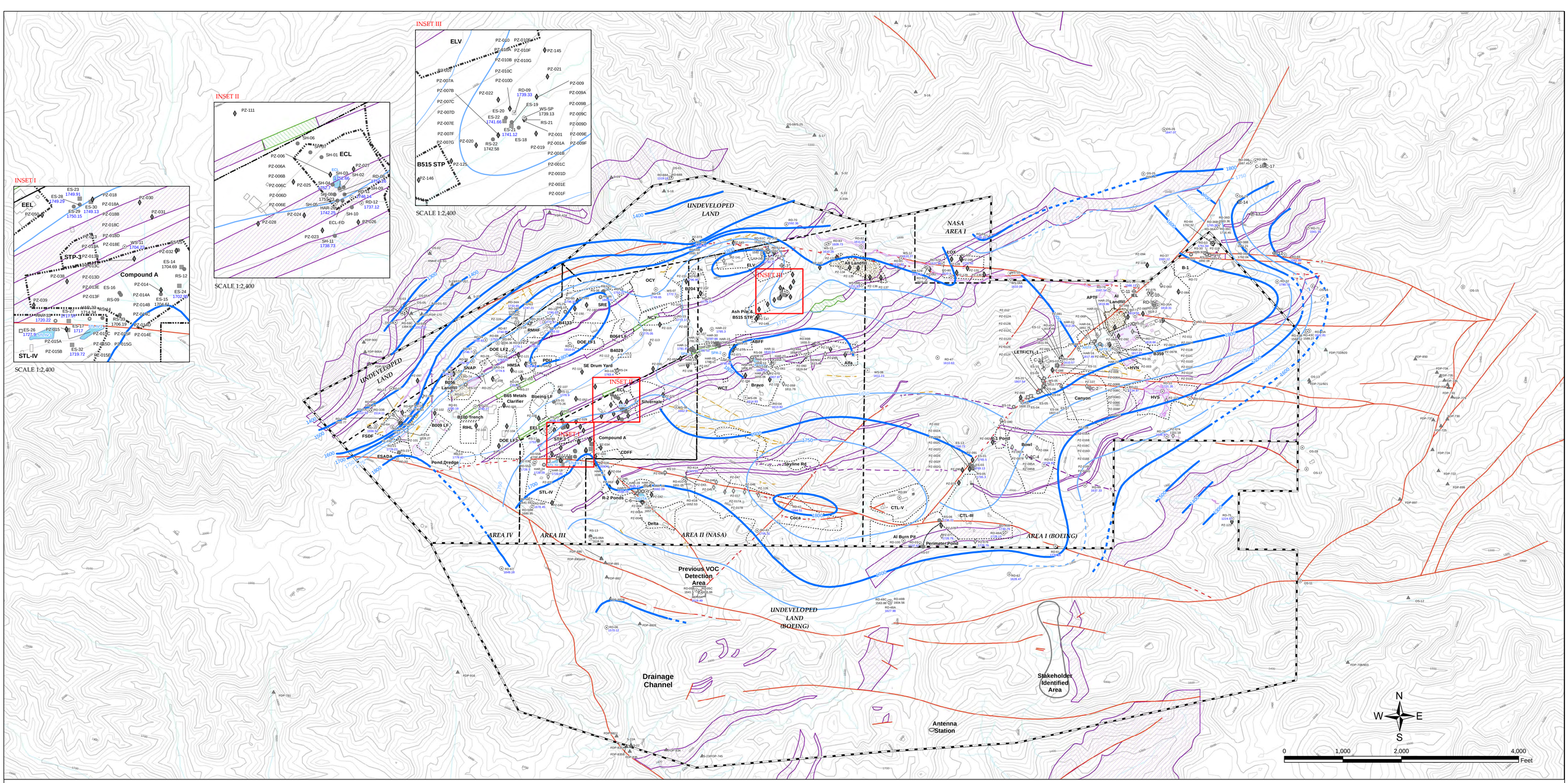
SCALE 1:2,400

INSET II

SCALE 1:2,400

INSET III

SCALE 1:2,400



LEGEND

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Approximate Groundwater Elevation Contours (feet above sea level)

- 25-foot Contour
- 50-foot Contour
- 100-foot Contour
- 1629.2 — Groundwater Level Elevation in Feet Above Mean Sea Level
- 1629.2 — Groundwater Level Elevation in Feet Above Mean Sea Level Water level was not used to generate contour line

Basemap

- Administrative Area Boundary
- RI Site Boundary
- Excavation
- Landfill
- Post-Closure Impoundments
- Investigation Areas

Geology

- Faults - Dashed where inferred
- Structure
- Drainages
- Deformation Band
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
Al Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
Al Burn Pit	Area I Burn Pit

Group 2

All Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

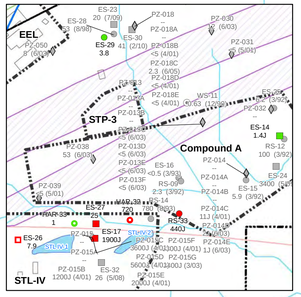
MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2012

GROUNDWATER ELEVATION CONTOUR MAP
OCTOBER 2011
FIGURE 6

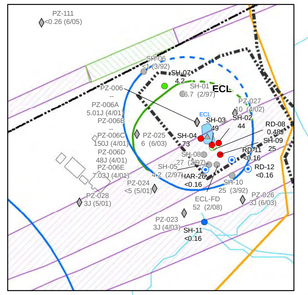
File:\\Uswck1netapp1\NRII\Industrial Projects\GIS\BoeingSantaSusana\MXD\GW Monitoring\2011_4Q\Fig3_WaterTable.mxd

INSET I



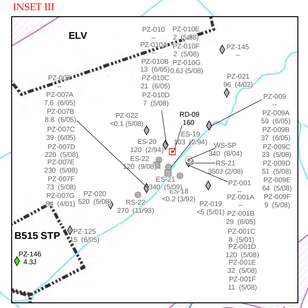
SCALE 1:2,400

INSET II

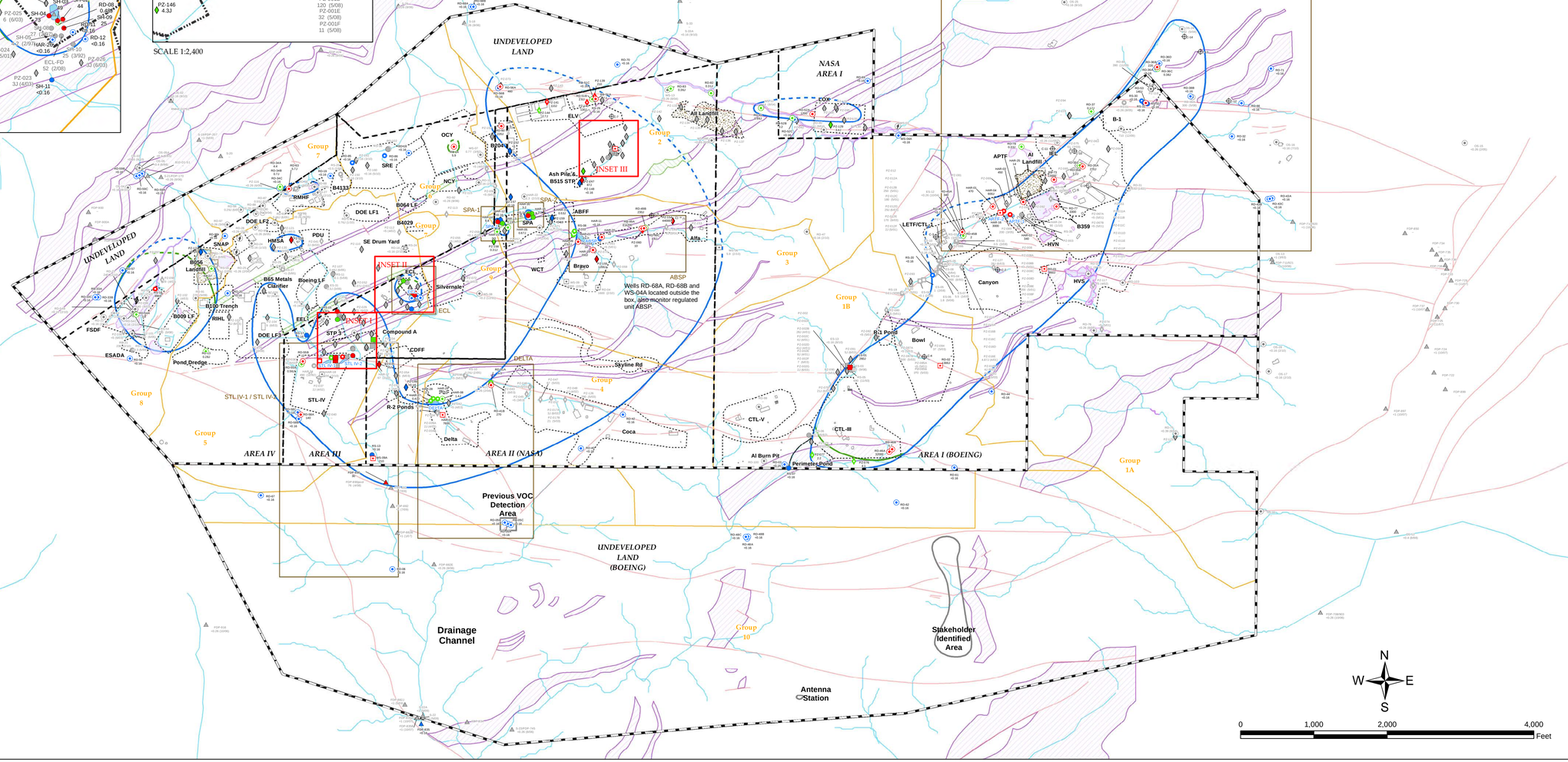


SCALE 1:2,400

INSET III



SCALE 1:2,400



LEGEND

Symbol Color for 2011 Groundwater Results

- Detection exceeding screening level at least once in 2011 dataset
- Detected below screening level in 2011 dataset
- Not detected in 2011 dataset
- Detection limit exceeds screening level for all 2011 results at this location
- Not sampled/analyzed in 2011 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2011 at each location.

Values posted at locations with no 2011 results are for the most recent analytical result with collection date shown in parentheses.

Only primary results are shown.

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Excavation
- Landfill

Areas of Impacted Groundwater

- Trichloroethene in Groundwater above Primary MCL of 5 ug/L from 2010 Report on Annual Groundwater Monitoring (areas of impacted groundwater from Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2010)
- Adjusted Boundaries based on 2011 Results

- Regulated Units
- Post-Closure Impoundments
- Investigation Areas

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
Al Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
Al Burn Pit	Area I Burn Pit

Group 2

All Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2012

EXTENT OF TRICHLOROETHENE IN GROUNDWATER, 2011
FIGURE 7

Printing Date: 2/20/2012
N:\Industrial Projects\GIS\BoeingSantaSusana\MXD\GW Monitoring\2011_4Q

INSET I

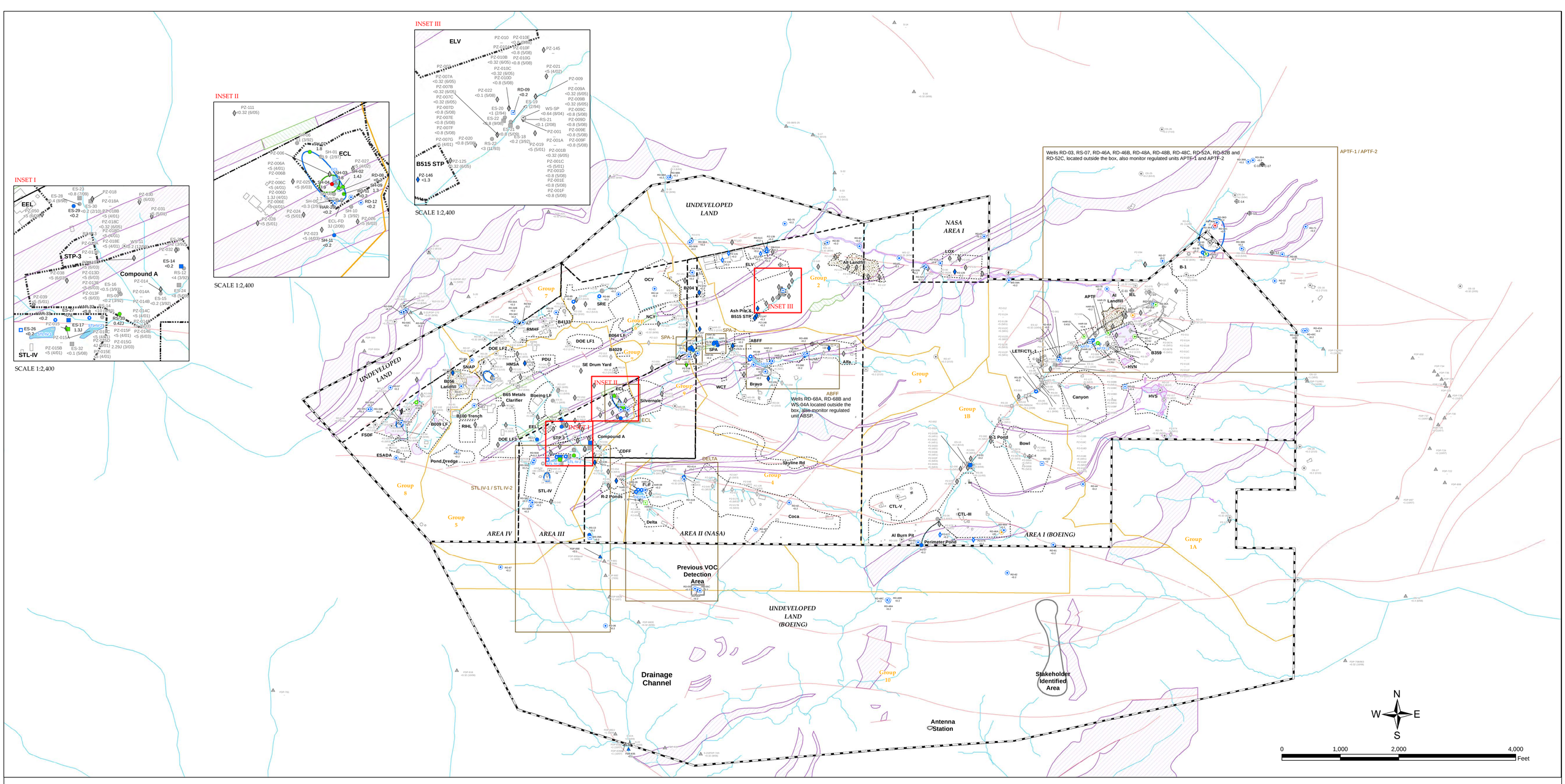
SCALE 1:2,400

INSET II

SCALE 1:2,400

INSET III

SCALE 1:2,400



LEGEND

Symbol Color for 2011 Groundwater Results

- Detection exceeding screening level at least once in 2011 dataset
- Detected below screening level in 2011 dataset
- Not detected in 2011 dataset
- Detection limit exceeds screening level for all 2011 results at this location
- Not sampled/analyzed in 2011 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2011 at each location.

Values posted at locations with no 2011 results are for the most recent analytical result with collection date shown in parentheses.

Only primary results are shown.

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Excavation
- Landfill

Areas of Impacted Groundwater

- Tetrachloroethene in Groundwater above Primary MCL of 5 ug/L from Groundwater RI Report (MWH, 2010) based on historical dataset through 2nd Quarter 2010
- Adjusted Boundaries based on 2011 Results
- No longer present above screening value
- Regulated Units
- Post-Closure Impoundments
- Investigation Areas

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
AI Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
AI Burn Pit	Area I Burn Pit

Group 2

AII Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2012

EXTENT OF TETRACHLOROETHENE IN GROUNDWATER, 2011
FIGURE 8

Printing Date: 2/20/2012
N:\Industrial Projects\GIS\BoeingSantaSusana\MXD\GW Monitoring\2011_4Q

INSET I

SCALE 1:2,400

INSET II

SCALE 1:2,400

INSET III

SCALE 1:2,400

Wells RD-03, RS-07, RD-46A, RD-46B, RD-48A, RD-48B, RD-48C, RD-52A, RD-52B and RD-52C, located outside the box, also monitor regulated units APTF-1 and APTF-2

APTF-1 / APTF-2

Wells RD-68A, GD-68B and WS-04A, loaded outside the box, also monitor regulated unit ABSP.

ABSP

Previous VOC Detection Area

Drainage Channel

Stakeholder Identified Area

Antenna Station

UNDEVELOPED LAND

UNDEVELOPED LAND (BOEING)

NASA AREA I

AREA I (BOEING)

AREA II (NASA)

AREA III

AREA IV

STL IV-1 / STL IV-2

N

W

E

S

0 1,000 2,000 4,000 Feet

LEGEND

Symbol Color for 2011 Groundwater Results

- Detection exceeding screening level at least once in 2011 dataset
- Detected below screening level in 2011 dataset
- Not detected in 2011 dataset
- Detection limit exceeds screening level for all 2011 results at this location
- Not sampled/analyzed in 2011 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2011 at each location.

Values posted at locations with no 2011 results are for the most recent analytical result with collection date shown in parentheses.

Only primary results are shown.

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Excavation
- Landfill

Areas of Impacted Groundwater

- cis-1,2-Dichloroethene in Groundwater above Cal MCL of 6 ug/L from 2010 Report on Annual Groundwater Monitoring (areas of impacted groundwater from Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2010)
- Adjusted Boundaries based on 2011 Results
- Regulated Units
- Post-Closure Impoundments
- Investigation Areas

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
AI Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
AI Burn Pit	Area I Burn Pit

Group 2

AII Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2012

EXTENT OF CIS-1,2-DICHLOROETHENE IN GROUNDWATER, 2011
FIGURE 9

Printing Date: 2/21/2012
N:\Industrial Projects\GIS\BoeingSantaSusana\MXD\GW Monitoring\2011_4Q

INSET I

SCALE 1:2,400

INSET II

SCALE 1:2,400

INSET III

SCALE 1:2,400

Wells RD-03, RS-07, RD-46A, RD-46B, RD-48A, RD-48B, RD-48C, RD-52A, RD-52B and RD-52C, located outside the box, also monitor regulated units APTF-1 and APTF-2

APTF-1 / APTF-2

Wells RD-68A, RD-68B and WS-04A located outside the box, also monitor regulated unit ABSP.

ABSP

UNDEVELOPED LAND

NASA AREA I

UNDEVELOPED LAND

AREA IV

AREA III

AREA II (NASA)

AREA I (BOING)

UNDEVELOPED LAND (BOEING)

Previous VOC Detection Area

Drainage Channel

Stakeholder Identified Area

Antenna Station

N

W

E

S

0 1,000 2,000 4,000 Feet

LEGEND

Symbol Color for 2011 Groundwater Results

- Detection exceeding screening level at least once in 2011 dataset
- Detected below screening level in 2011 dataset
- Not detected in 2011 dataset
- Detection limit exceeds screening level for all 2011 results at this location
- Not sampled/analyzed on 2011 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2011 at each location.

Values posted at locations with no 2011 results are for the most recent analytical result with collection date shown in parentheses.

Only primary results are shown.

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Excavation
- Landfill

Areas of Impacted Groundwater

- trans-1,2-Dichloroethene in Groundwater above Cal MCL of 10 ug/L from 2010 Report on Annual Groundwater Monitoring (areas of impacted groundwater from Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2010)
- Adjusted Boundaries based on 2011 Results
- Regulated Units
- Post-Closure Impoundments
- Investigation Areas

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
AI Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
AI Burn Pit	Area I Burn Pit

Group 2

All Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

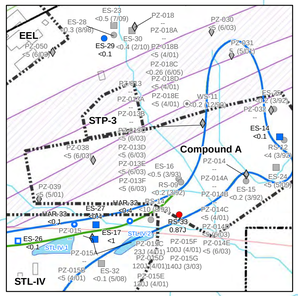
MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2012

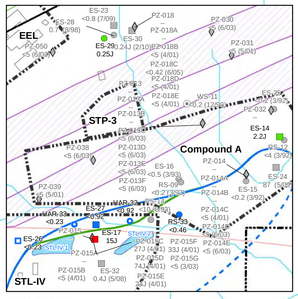
EXTENT OF TRANS-1,2-DICHLOROETHENE IN GROUNDWATER, 2011
FIGURE 10

Printing Date: 2/20/2012
N:\Industrial Projects\GIS\BoeingSantaSusana\MXD\GW Monitoring\2011_4Q

INSET I


EEL
STP-3
Compound A
STL-IV
ES-23
ES-28
PZ-018
PZ-018A
PZ-018B
PZ-018C
PZ-018D
PZ-018E
PZ-030
PZ-031
PZ-032
PZ-033
PZ-034
PZ-035
PZ-036
PZ-037
PZ-038
PZ-039
PZ-040
PZ-041
PZ-042
PZ-043
PZ-044
PZ-045
PZ-046
PZ-047
PZ-048
PZ-049
PZ-050
PZ-051
PZ-052
PZ-053
PZ-054
PZ-055
PZ-056
PZ-057
PZ-058
PZ-059
PZ-060
PZ-061
PZ-062
PZ-063
PZ-064
PZ-065
PZ-066
PZ-067
PZ-068
PZ-069

INSET I


EEL
STP-3
Compound A
STL-IV
ES-28
ES-23
ES-20
0.25J
ES-30
PZ-018
PZ-018A
PZ-018B
PZ-018C
PZ-018D
PZ-018E
PZ-030
PZ-031
PZ-032
PZ-033
PZ-034
PZ-035
PZ-036
PZ-037
PZ-038
PZ-039
PZ-040
PZ-041
PZ-042
PZ-043
PZ-044
PZ-045
PZ-046
PZ-047
PZ-048
PZ-049
PZ-050
PZ-051
PZ-052
PZ-053
PZ-054
PZ-055
PZ-056
PZ-057
PZ-058
PZ-059
PZ-060
PZ-061
PZ-062
PZ-063
PZ-064
PZ-065
PZ-066
PZ-067
PZ-068
PZ-069

INSET I

SCALE 1:2,400

INSET II

SCALE 1:2,400

INSET III

SCALE 1:2,400

Wells RD-03, RS-07, RD-46A, RD-46B, RD-48A, RD-48B, RD-48C, RD-52A, RD-52B and RD-52C, located outside the box, also monitor regulated units APTF-1 and APTF-2

APTF-1 / APTF-2

ABSP

Wells RD-68A, RD-68B and WS-04A located outside the box, also monitor regulated unit ABSP.

UNDEVELOPED LAND

NASA AREA I

UNDEVELOPED LAND

AREA IV

AREA III

AREA II (NASA)

AREA I (BOEING)

UNDEVELOPED LAND (BOEING)

Previous VOC Detection Area

Drainage Channel

Stakeholder Identified Area

Antenna Station

Group 1A

Group 1B

Group 2

Group 3

Group 4

Group 5

Group 7

Group 8

Group 10

STL IV-1 / STL IV-2

0 1,000 2,000 4,000 Feet

N W E S

LEGEND

Symbol Color for 2011 Groundwater Results

- Detection exceeding screening level at least once in 2011 dataset
- Detected below screening level in 2011 dataset
- Not detected in 2011 dataset
- Detection limit exceeds screening level for all 2011 results at this location
- Not sampled/analyzed in 2011 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2011 at each location.

Values posted at locations with no 2011 results are for the most recent analytical result with collection date shown in parentheses.

Only primary results are shown.

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Excavation
- Landfill

Areas of Impacted Groundwater

- 1,2-Dichloroethane in Groundwater above Cal MCL of 0.5 ug/L from 2010 Report on Annual Groundwater Monitoring (areas of impacted groundwater from Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2010)
- Adjusted Boundaries based on 2011 Results

- Regulated Units
- Post-Closure Impoundments
- Investigation Areas

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
AI Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
AI Burn Pit	Area I Burn Pit

Group 2

All Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

Printing Date: 2/20/2012
N:\Industrial\ Projects\GIS\BoeingSantaSusana\MXD\GW Monitoring\2011_4Q

MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2012

EXTENT OF 1,2-DICHLOROETHANE IN GROUNDWATER, 2011
FIGURE 13

INSET I

SCALE 1:2,400

INSET II

SCALE 1:2,400

INSET III

SCALE 1:2,400

Wells RD-03, RS-07, RD-46A, RD-46B, RD-48A, RD-48B, RD-48C, RD-52A, RD-52B and RD-52C, located outside the box, also monitor regulated units APTF-1 and APTF-2

APTF-1 / APTF-2

ABSP

Wells RD-68A, RD-68B and WS-04A located outside the box, also monitor regulated unit ABSP.

UNDEVELOPED LAND

NASA AREA I

UNDEVELOPED LAND

UNDEVELOPED LAND (BOEING)

AREA IV

AREA III

AREA II (NASA)

AREA I (BOEING)

Previous VOC Detection Area

Drainage Channel

Stakeholder Identified Area

Antenna Station

Group 1A

Group 1B

Group 2

Group 3

Group 4

Group 5

Group 7

Group 8

Group 10

N

W

E

S

0 1,000 2,000 4,000 Feet

LEGEND

Symbol Color for 2011 Groundwater Results

- Detection exceeding screening level at least once in 2011 dataset
- Detected below screening level in 2011 dataset
- Not detected in 2011 dataset
- Detection limit exceeds screening level for all 2011 results at this location
- Not sampled/analyzed in 2011 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2011 at each location.

Values posted at locations with no 2011 results are for the most recent analytical result with collection date shown in parentheses.

Only primary results are shown.

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Excavation
- Landfill

Areas of Impacted Groundwater

- 1,1-Dichloroethane in Groundwater above Cal MCL of 5 ug/L from 2010 Report on Annual Groundwater Monitoring (areas of impacted groundwater from Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2010)
- Adjusted Boundaries based on 2011 Results
- No longer present above screening value
- Regulated Units
- Post-Closure Impoundments
- Investigation Areas

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
AI Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
Al Burn Pit	Area I Burn Pit

Group 2

All Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2012

EXTENT OF 1,1-DICHLOROETHANE IN GROUNDWATER, 2011
FIGURE 14

Printing Date: 2/20/2012
N:\Industrial\ Projects\GIS\BoeingSantaSusana\MXD\GW Monitoring\2011_4Q

INSET I

SCALE 1:2,400

INSET II

SCALE 1:2,400

INSET III

SCALE 1:2,400

Wells RD-03, RS-07, RD-46A, RD-46B, RD-48A, RD-48B, RD-48C, RD-52A, RD-52B and RD-52C, located outside the box, also monitor regulated units APTF-1 and APTF-2

APTF-1 / APTF-2

ABSP

Wells RD-68A, RD-68B and WS-04A located outside the box, also monitor regulated unit ABSP.

UNDEVELOPED LAND

NASA AREA I

UNDEVELOPED LAND

UNDEVELOPED LAND (BOEING)

AREA IV

AREA III

AREA II (NASA)

AREA I (BOEING)

Previous VOC Detection Area

Drainage Channel

Stakeholder Identified Area

Antenna Station

Group 1A

Group 1B

Group 2

Group 3

Group 4

Group 5

Group 6

Group 7

Group 8

Group 9

Group 10

N

W

E

S

0 1,000 2,000 4,000 Feet

LEGEND

Symbol Color for 2011 Groundwater Results

- Detection exceeding screening level at least once in 2011 dataset
- Detected below screening level in 2011 dataset
- Not detected in 2011 dataset
- Detection limit exceeds screening level for all 2011 results at this location
- Not sampled/analyzed in 2011 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2011 at each location.

Values posted at locations with no 2011 results are for the most recent analytical result with collection date shown in parentheses.

Only primary results are shown.

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Excavation
- Landfill

Areas of Impacted Groundwater

- 1,4-Dioxane in Groundwater above Notification Level of 1 ug/L from 2010 Report on Annual Groundwater Monitoring (areas of impacted groundwater from Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2010)
- Adjusted Boundaries based on 2011 Results
- No longer present above screening value
- Regulated Units
- Post-Closure Impoundments
- Investigation Areas

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
AI Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
AI Burn Pit	Area I Burn Pit

Group 2

All Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2012

EXTENT OF 1,4-DIOXANE IN GROUNDWATER, 2011
FIGURE 15

Printing Date: 2/20/2012
N:\Industrial Projects\GIS\BoeingSantaSusana\MXD\GW Monitoring\2011_4Q

INSET I

SCALE 1:2,400

INSET II

SCALE 1:2,400

INSET III

SCALE 1:2,400

Wells RD-03, RS-07, RD-46A, RD-46B, RD-48A, RD-48B, RD-48C, RD-52A, RD-52B and RD-52C, located outside the box, also monitor regulated units APTF-1 and APTF-2

APTF-1 / APTF-2

ABFF
Wells RD-68A, RD-68B and WS-04A located outside the box, also monitor regulated unit ABSP.

UNDEVELOPED LAND

NASA AREA I

UNDEVELOPED LAND

AREA IV

AREA III

AREA II (NASA)

AREA I (BOEING)

UNDEVELOPED LAND (BOEING)

Previous VOC Detection Area

Drainage Channel

Stakeholder Identified Area

Antenna Station

Group 1A

Group 1B

Group 2

Group 3

Group 4

Group 5

Group 6

Group 7

Group 8

Group 9

Group 10

STL IV-1 / STL IV-2

N

W

E

S

0 1,000 2,000 4,000 Feet

LEGEND

Symbol Color for 2011 Groundwater Results

- Detection exceeding screening level at least once in 2011 dataset
- Detected below screening level in 2011 dataset
- Not detected in 2011 dataset
- Detection limit exceeds screening level for all 2011 results at this location
- Not sampled/analyzed in 2011 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2011 at each location.

Values posted at locations with no 2011 results are for the most recent analytical result with collection date shown in parentheses.

Only primary results are shown.

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Excavation
- Landfill

Areas of Impacted Groundwater

- Carbon Tetrachloride in Groundwater above Cal MCL of 0.5 ug/L from 2010 Report on Annual Groundwater Monitoring (areas of impacted groundwater from Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustements based on results through 2010)
- Adjusted Boundaries based on 2011 Results
- Regulated Units
- Post-Closure Impoundments
- Investigation Areas

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
AI Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
Al Burn Pit	Area I Burn Pit

Group 2

All Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

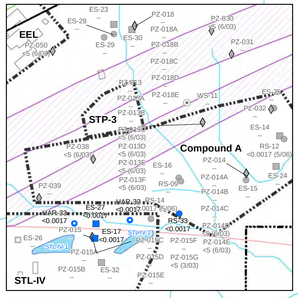
MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2012

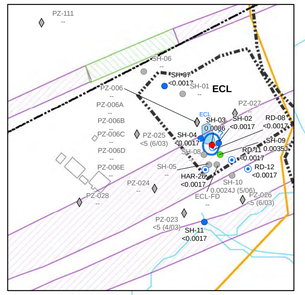
EXTENT OF CARBON TETRACHLORIDE IN GROUNDWATER, 2011
FIGURE 16

Printing Date: 2/21/2012
N:\Industrial Projects\GIS\BoeingSantaSusana\MXD\GW Monitoring\2011_4Q

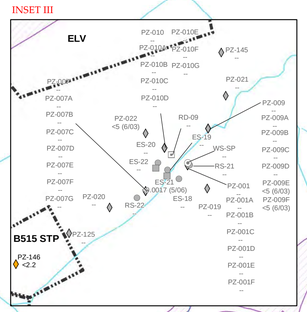
INSET I



INSET II



INSET III



Wells RD-03, RS-07, RD-46A, RD-46B, RD-48A, RD-48B, RD-48C, RD-52A, RD-52B and RD-52C, located outside the box, also monitor regulated units APTF-1 and APTF-2

APTF-1 / APTF-2

ABFF
Wells RD-68A, RD-68B and WS-04A located outside the box, also monitor regulated unit ABSP.

Previous VOC Detection Area

Drainage Channel

Stakeholder Identified Area

Antenna Station

UNDEVELOPED LAND

UNDEVELOPED LAND (BOEING)

NASA AREA I

AREA I (BOEING)

AREA II (NASA)

AREA III

AREA IV

Group 1A

Group 1B

Group 2

Group 3

Group 4

Group 5

Group 6

Group 7

Group 8

Group 9

Group 10

N
W
E
S

0 1,000 2,000 4,000 Feet

LEGEND

Symbol Color for 2011 Groundwater Results

- Detection exceeding screening level at least once in 2011 dataset
- Detected below screening level in 2011 dataset
- Not detected in 2011 dataset
- Detection limit exceeds screening level for all 2011 results at this location
- Not sampled/analyzed in 2011 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2011 at each location.

Values posted at locations with no 2011 results are for the most recent analytical result with collection date shown in parentheses.

Only primary results are shown.

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Excavation
- Landfill

Areas of Impacted Groundwater

- 1,2,3-Trichloropropane in Groundwater above Notification Level of 0.005 ug/L from 2010 Report on Annual Groundwater Monitoring (areas of impacted groundwater fom Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2010)
- Adjusted Boundaries based on 2011 Results
- No longer present above screening value
- Regulated Units
- Post-Closure Impoundments
- Investigation Areas

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
AI Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
Al Burn Pit	Area I Burn Pit

Group 2

All Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2012

EXTENT OF 1,2,3-TRICHLOROPROPANE IN GROUNDWATER, 2011
FIGURE 17

Printing Date: 2/20/2012
N:\Industrial Projects\GIS\BoeingSantaSusana\MXD\GW Monitoring\2011_4Q

INSET I

SCALE 1:2,400

INSET II

SCALE 1:2,400

INSET III

SCALE 1:2,400

Wells RD-03, RS-07, RD-46A, RD-46B, RD-48A, RD-48B, RD-48C, RD-52A, RD-52B and RD-52C, located outside the box, also monitor regulated units APTF-1 and APTF-2

APTF-1 / APTF-2

ABSP
Wells RD-68A, RD-68B and WS-04A located outside the box, also monitor regulated unit ABSP.

Previous VOC Detection Area

0 1,000 2,000 4,000 Feet

N W E S

LEGEND

Symbol Color for 2011 Groundwater Results

- Detection exceeding screening level at least once in 2011 dataset
- Detected below screening level in 2011 dataset
- Not detected in 2011 dataset
- Detection limit exceeds screening level for all 2011 results at this location
- Not sampled/analyzed in 2011 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2011 at each location.

Values posted at locations with no 2011 results are for the most recent analytical result with collection date shown in parentheses.

Only primary results are shown.

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Excavation
- Landfill

Areas of Impacted Grounwater

- Formaldehyde in Groundwater above Notification Level of 100 ug/L from 2010 Report on Annual Groundwater Monitoring (areas of impacted groundwater from Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2010)
- Adjusted Boundaries based on 2011 Results
- No longer present above screening value
- Regulated Units
- Post-Closure Impoundments
- Investigation Areas

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
Al Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
Al Burn Pit	Area I Burn Pit

Group 2

All Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2012

EXTENT OF FORMALDEHYDE IN GROUNDWATER, 2011
FIGURE 18

Printing Date: 2/20/2012
N:\Industrial Projects\GIS\BoeingSantaSusana\MXD\GW Monitoring\2011_4Q

INSET I

SCALE 1:2,400

INSET II

SCALE 1:2,400

INSET III

SCALE 1:2,400

Wells RD-03, RS-07, RD-46A, RD-46B, RD-48A, RD-48B, RD-48C, RD-52A, RD-52B and RD-52C, located outside the box, also monitor regulated units APTF-1 and APTF-2

APTF-1 / APTF-2

ABSP
Wells RD-68A, RD-68B and WS-04A located outside the box, also monitor regulated unit ABSP.

Previous VOC Detection Area

Drainage Channel

Stakeholder Identified Area

Antenna Station

0 1,000 2,000 4,000 Feet

N W E S

LEGEND

Symbol Color for 2011 Groundwater Results

- Detection exceeding screening level at least once in 2011 dataset
- Detected below screening level in 2011 dataset
- Not detected in 2011 dataset
- Detection limit exceeds screening level for all 2011 results at this location
- Not sampled/analyzed in 2011 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2011 at each location.

Values posted at locations with no 2011 results are for the most recent analytical result with collection date shown in parentheses.

Only primary results are shown.

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Excavation
- Landfill

Areas of Impacted Groundwater

- TPH in Groundwater above Taste/Odor Threshold of 100 ug/L for TPH C12-C30, and reporting limit of 50 ug/L for TPH C4-C12 from 2010 Report on Annual Groundwater Monitoring (areas of impacted groundwater from Groundwater Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustements based on results through 2010).
- Adjusted Boundaries based on 2011 Results

Note 1: Data Presented in the figure are a combination of Gasoline Range Organic hydrocarbon, Diesel Range Organic hydrocarbon, or other Total Petroleum hydrocarbon type analysis results for various carbon-chain ranges from C4 to C30.

Note 2: Gasoline Range Organics groundwater data were screened against the typical laboratory reporting limit of 50 ug/L rather than the Taste/Odor Threshold of 5 ug/L.

- Regulated Units
- Post-Closure Impoundments
- Investigation Areas

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
Alfa	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
Al Burn Pit	Area I Burn Pit

Group 2

All Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2012

EXTENT OF TOTAL PETROLEUM HYDROCARBONS C4-C30 IN GROUNDWATER, 2011
FIGURE 19

Printing Date: 2/23/2012
N:\Industrial Projects\GIS\BoeingSantaSusana\MXD\GW Monitoring\2011_4Q

INSET I

SCALE 1:2,400

INSET II

SCALE 1:2,400

INSET III

SCALE 1:2,400

Wells RD-03, RS-07, RD-46A, RD-46B, RD-48A, RD-48B, RD-48C, RD-52A, RD-52B and RD-52C, located outside the box, also monitor regulated units APTF-1 and APTF-2

APTF-1 / APTF-2

ABSP

Wells RD-68A, RD-68B and WS-04A located outside the box, also monitor regulated unit ABSP.

UNDEVELOPED LAND

NASA AREA I

UNDEVELOPED LAND

UNDEVELOPED LAND (BOEING)

AREA IV

AREA III

AREA II (NASA)

AREA I (BOEING)

Previous VOC Detection Area

Drainage Channel

Stakeholder Identified Area

Antenna Station

N

W

E

S

0 1,000 2,000 4,000 Feet

LEGEND

Symbol Color for 2011 Groundwater Results

- Detection exceeding screening level at least once in 2011 dataset
- Detected below screening level in 2011 dataset
- Not detected in 2011 dataset
- Detection limit exceeds screening level for all 2011 results at this location
- Not sampled/analyzed in 2011 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2011 at each location.

Values posted at locations with no 2011 results are for the most recent analytical result with collection date shown in parentheses.

Only primary results are shown.

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Excavation
- Landfill

Areas of Impacted Groundwater

- NDMA in Groundwater above Notification Level of 0.01 ug/L from 2010 Report on Groundwater Monitoring (areas of impacted groundwater from Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustements based on results through 2010)
- Adjusted Boundaries based on 2011 Results
- No longer present above screening value
- Regulated Units
- Post-Closure Impoundments
- Investigation Areas

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
AI Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
AI Burn Pit	Area I Burn Pit

Group 2

All Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2012

EXTENT OF N-NITROSODIMETHYLAMINE IN GROUNDWATER, 2011
FIGURE 20

Printing Date: 2/20/2012
N:\Industrial Projects\GIS\BoeingSantaSusana\MXD\GW Monitoring\2011_4Q

INSET I

SCALE 1:2,400

INSET II

SCALE 1:2,400

INSET III

SCALE 1:2,400

Wells RD-03, RS-07, RD-46A, RD-46B, RD-48A, RD-48B, RD-48C, RD-52A, RD-52B and RD-52C, located outside the box, also monitor regulated units APTF-1 and APTF-2

APTF-1 / APTF-2

ABSP
Wells RD-68A, RD-68B and WS-04A located outside the box, also monitor regulated unit ABSP.

UNDEVELOPED LAND

NASA AREA I

AREA IV

AREA III

AREA II (NASA)

AREA I (BOEING)

UNDEVELOPED LAND (BOEING)

Previous VOC Detection Area

Drainage Channel

Stakeholder Identified Area

Antenna Station

N
W E
S

0 1,000 2,000 4,000 Feet

LEGEND

Symbol Color for 2011 Groundwater Results

- Detection exceeding screening level at least once in 2011 dataset
- Detected below screening level in 2011 dataset
- Not detected in 2011 dataset
- Detection limit exceeds screening level for all 2011 results at this location
- Not sampled/analyzed in 2011 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2011 at each location.

Values posted at locations with no 2011 results are for the most recent analytical result with collection date shown in parentheses.

Only primary results are shown.

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Excavation
- Landfill

Areas of Impacted Groundwater

- Perchlorate in Groundwater above Cal MCL of 6 ug/L from 2010 Report on Annual Groundwater Monitoring (areas of impacted groundwater from Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2010)
- Adjusted Boundaries based on 2011 Results
- Regulated Units
- Post-Closure Impoundments
- Investigation Areas

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
AI Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
AI Burn Pit	Area I Burn Pit

Group 2

AII Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2012

EXTENT OF PERCHLORATE IN GROUNDWATER, 2011
FIGURE 21

Printing Date: 2/21/2012
N:\Industrial Projects\GIS\BoeingSantaSusana\MXD\GW Monitoring\2011_4Q

INSET I

SCALE 1:2,400

INSET II

SCALE 1:2,400

INSET III

SCALE 1:2,400

Wells RD-03, RS-07, RD-46A, RD-46B, RD-48A, RD-48B, RD-48C, RD-52A, RD-52B and RD-52C, located outside the box, also monitor regulated units APTF-1 and APTF-2

APTF-1 / APTF-2

ABSP
Wells RD-68A, RD-68B and WS-04A located outside the box, also monitor regulated unit ABSP.

N
W E
S

0 1,000 2,000 4,000 Feet

LEGEND

Symbol Color for 2011 Groundwater Results

- Detection exceeding screening level at least once in 2011 dataset
- Detected below screening level in 2011 dataset
- Not detected in 2011 dataset
- Detection limit exceeds screening level for all 2011 results at this location
- Not sampled/analyzed in 2011 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2011 at each location.

Values posted at locations with no 2011 results are for the most recent analytical result with collection date shown in parentheses.

Only primary results are shown.

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Excavation
- Landfill

Areas of Impacted Groundwater

- Nitrate-NO3 in Groundwater above Cal MCL of 45000 ug/L from 2010 Report on Annual Groundwater Monitoring (areas of impacted groundwater from Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2010)
- Adjusted Boundaries based on 2011 Results
- Regulated Units
- Post-Closure Impoundments
- Investigation Areas

RI Sites

Group 1A

APTF	**Advanced Propulsion Test Facility**
AI Landfill	**Area I Landfill**
B-1	**B-1 Area**
B359	**Building 1359 Area**
Canyon	**Canyon Area**
HVN	**Happy Valley North**
HVS	**Happy Valley South**
IEL	**Instrument and Equipment Laboratories**
LETF/CTL-I	**Laser Engineering Test Facility/ Component Test Laboratory I**

Group 1B

Bowl	**Bowl Area**
CTL-III	**Component Test Laboratory III**
CTL-V	**Component Test Laboratory V**
Perimeter Pond	**Perimeter Pond**
R-1 Pond	**R-1 Pond**
Al Burn Pit	**Area I Burn Pit**

Group 2

All Landfill	**Area II Landfill**
Ash Pile & B515 STP	**Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant**
ELV	**Expendable Launch Vehicle**
LOX	**Liquid Oxygen Plant**

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2012

EXTENT OF NITRATE-NO3 IN GROUNDWATER, 2011
FIGURE 22

Printing Date: 2/21/2012
N:\Industrial Projects\GIS\BoeingSantaSusana\MXD\GW Monitoring\2011_4Q

INSET I

SCALE 1:2,400

INSET II

SCALE 1:2,400

INSET III

SCALE 1:2,400

Wells RD-03, RS-07, RD-46A, RD-46B, RD-48A, RD-48B, RD-48C, RD-52A, RD-52B and RD-52C, located outside the box, also monitor regulated units APTF-1 and APTF-2

APTF-1 / APTF-2

ABSP
Wells RD-68A, RD-68B and WS-04A located outside the box, also monitor regulated unit ABSP.

Please Note: The original version of this figure includes colorized features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

MWH

SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA
FEBRUARY 2012

EXTENT OF FLUORIDE IN GROUNDWATER, 2011
FIGURE 23

LEGEND

Symbol Color for 2011 Groundwater Results

- Detection exceeding screening level at least once in 2011 dataset
- Detected below screening level in 2011 dataset
- Not detected in 2011 dataset
- Detection limit exceeds screening level for all 2011 results at this location
- Not sampled/analyzed in 2011 dataset

Values posted beneath well identifiers are maximum concentrations in micrograms per liter (ug/L) detected in 2011 at each location.

Values posted at locations with no 2011 results are for the most recent analytical result with collection date shown in parentheses.

Only primary results are shown.

* Not included in bounded extent of area with concentrations in groundwater above the screening value – fluoride occurs naturally in SSFL groundwater. Elevated fluoride concentrations in off-site areas are likely naturally occurring and unrelated to any potential SSFL contaminant sources.

Printing Date: 2/20/2012
N:\Industrial Projects\GIS\BoeingSantaSusana\MXD\GW Monitoring\2011_4Q

Well Type and Groundwater Zone

Groundwater Extraction Wells

- Groundwater Extraction Well, Perched
- Groundwater Extraction Well, Near Surface (Monitors Regional Water Table)
- Groundwater Extraction Well, Chatsworth Formation

Groundwater Monitoring Wells

- Groundwater Monitoring Well, Perched
- Groundwater Monitoring Well, Near Surface (Monitors Regional Water Table)
- Groundwater Monitoring Well, Chatsworth Formation

Piezometers

- Piezometer, Perched
- Piezometer, Near Surface (Monitors Regional Water Table)
- Piezometer, Chatsworth Formation

Seeps/Springs

- Seep/spring

Other

- Abandoned Well
- Core Holes

Geology

- Faults
- Drainages
- Outcrops
- Finer Grained Unit (shale/siltstone)
- Area in Which Finer Grained Unit May Be Discontinuous

Basemap

- Administrative Area Boundary
- RI Site Boundary
- SMOU Reporting Group Boundary
- Excavation
- Landfill

Areas of Impacted Groundwater

- Fluoride in Groundwater above SSFL Comparison of 800 ug/L from 2010 Report on Annual Groundwater Monitoring (areas of impacted groundwater from Groundwater RI Report (MWH, 2009) based on historical dataset through 2nd Quarter 2008 with adjustments based on results through 2010)
- Adjusted Boundaries based on 2011 Results
- Regulated Units
- Post-Closure Impoundments
- Investigation Areas

RI Sites

Group 1A

APTF	Advanced Propulsion Test Facility
AI Landfill	Area I Landfill
B-1	B-1 Area
B359	Building 1359 Area
Canyon	Canyon Area
HVN	Happy Valley North
HVS	Happy Valley South
IEL	Instrument and Equipment Laboratories
LETF/CTL-I	Laser Engineering Test Facility/ Component Test Laboratory I

Group 1B

Bowl	Bowl Area
CTL-III	Component Test Laboratory III
CTL-V	Component Test Laboratory V
Perimeter Pond	Perimeter Pond
R-1 Pond	R-1 Pond
AI Burn Pit	Area I Burn Pit

Group 2

AII Landfill	Area II Landfill
Ash Pile & B515 STP	Former Area II Incinerator Ash Pile & Building 515 Sewage Treatment Plant
ELV	Expendable Launch Vehicle
LOX	Liquid Oxygen Plant

Group 3

ABFF	Alfa/Bravo Fuel Farm
Alfa	Alfa Area
B204	Building 204 Area
Bravo	Bravo Area
WCT	Hazardous Waste Coolant Tank
SPA	Storable Propellant Area
Skyline Rd	Skyline Road Area

Group 4

Coca	Coca Area
Delta	Delta Area
PLF	Propellant Load Facility

Group 5

B100 Trench	Building 100 Trench
B65 Metals Clarifier	Building 65 Metals Laboratory Clarifier
Boeing LF	Boeing Area IV Leach Fields
Compound A	Compound A Facility
DOE LF1	Department of Energy Leach Field 1
DOE LF2	Department of Energy Leach Field 2
DOE LF3	Department of Energy Leach Field 3
ECL	Engineering Chemistry Laboratory
EEL	Environmental Effects Laboratory
HMSA	Hazardous Material Storage Area
PDU	Process Development Unit
Pond Dredge	Pond Dredge Area
RIHL	Rockwell International Hot Laboratory
SE Drum Yard	Southeast Drum Storage Yard
SNAP	Systems for Nuclear Auxiliary Power Facility
STL-IV	Systems Test Laboratory IV
STP-3	Area III Sewage Treatment Plant

Group 6

B064 LF	Building 064 Leach Field
NCY	New Conservation Yard
OCY	Old Conservation Yard
SRE	Sodium Reactor Experiment

Group 7

RMHF	Radioactive Materials Handling Facility
B4029	Building 4029 Reactive Metals Storage Yard
B4133	Building 4133 Sodium Burn Facility

Group 8

B009 LF	Building 009 Leach Field
B056 Landfill	Building 056 Landfill
ESADA	Empire State Atomic Development Authority
FSDF	Former Sodium Disposal Facility

Group 9

CDFF	Coca/Delta Fuel Farm
R-2 Ponds	R-2A and R-2B Ponds
Silvernale	Silvernale Resevoir

APPENDICES

PROVIDED ELECTRONICALLY ON DISC

Appendix A
Monitoring Well and Piezometer Construction Data

TABLE A-1
WELL CONSTRUCTION DATA
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Area No.	Effective Borehole Depth (feet)	Borehole		Casing		Sealed Interval (feet)	Perforated Interval (feet)	Measuring Point Elevation (ft MSL)	Date Drilling Completed
			Diameter (inches)	Interval (feet)	Inside Diameter (inches)	Interval (feet)				
Shallow Wells										
SH-01	III	10	16	0 - 10	4	0 - 10	0 - 5	5.5 - 10	1772.84	12/11/84
SH-02	III	10.6	16	0 - 10.6	4	0 - 10.6	0 - 5	6 - 10.6	1762.76	12/11/84
SH-03	III	9.5	16	0 - 9.5	4	0 - 9.5	0 - 4.6	5 - 9.5	1762.53	12/12/84
SH-04	III	17	16	0 - 17	4	0 - 13	0 - 8	9 - 13	1765.08	12/12/84
SH-05	III	10.5	16	0 - 10.5	4	0 - 10.5	0 - 5.6	6 - 10.5	1762.97	12/13/84
SH-06	III	11.5	16	0 - 11.5	4	0 - 11.5	0 - 6.2	7 - 11.5	1776.99	12/17/84
SH-07	III	13.5	16	0 - 13.5	4	0 - 13.5	0 - 8.5	9.5 - 13.5	1775.11	01/16/85
SH-08	III	12	16	0 - 12	4	0 - 11.4	0 - 5.2	5.9 - 11.4	1763.25	01/17/85
SH-09	III	9	16	0 - 9	4	0 - 9	0 - 3.5	4 - 9	1761.19	01/18/85
SH-10	III	8	16	0 - 8	4	0 - 7.5	0 - 2	3 - 7.5	1757.69	01/18/85
SH-11	III	17.5	16	0 - 17.5	4	0 - 17.5	0 - 11	13 - 17.5	1756.00	01/16/85
RS-01	I	24.5	16	0 - 24.5	4	0 - 24.5	0 - 12.5	14.5 - 24.5	1879.68	06/08/85
RS-02	I	26	16	0 - 26	4	0 - 26	0 - 15	16 - 26	1901.08	06/08/85
RS-03	I	21	16	0 - 21	4	0 - 21	0 - 10	11 - 21	1834.22	06/08/85
RS-04	I	30	16	0 - 30	4	0 - 30	0 - 18	20 - 30	1826.56	06/08/85
RS-05	I	20	16	0 - 20	4	0 - 20	0 - 7.5	10 - 20	1783.73	06/07/85
RS-06	I	18	16	0 - 18	4	0 - 18	0 - 7	8 - 18	1757.43	06/07/85
RS-07	I	7.5	16	0 - 7.5	4	0 - 7.5	0 - 1.6	2.5 - 7.5	1732.27	06/07/85
RS-08	II	12.5	16	0 - 12.5	4	0 - 12.5	0 - 5	7 - 12.5	1821.46	06/09/85
RS-09	III	26.2	16	0 - 26.2	4	0 - 26.2	0 - 14.2	16 - 26.2	1735.52	09/11/85
RS-10	II	17	16	0 - 17	4	0 - 17	0 - 6	7.3 - 17	1762.08	06/10/85
RS-11	IV	17.5	16	0 - 17.5	4	0 - 17.5	0 - 9	10 - 17.5	1790.39	06/10/85
RS-12	III	15.3	16	0 - 15.3	4	0 - 15.3	0 - 4	5 - 15.3	1727.48	06/09/85
RS-13	II	22.8	16	0 - 22.8	4	0 - 22.8	0 - 15	17 - 22.8	1645.13	06/11/85
RS-14	III	16	16	0 - 16	4	0 - 16	0 - 5	6 - 16	1734.78	06/09/85
RS-15	III	12	16	0 - 12	4	0 - 12	0 - 4.5	5 - 12	1764.86	06/10/85
RS-16	IV	20.5	16	0 - 20.5	4	0 - 20.5	0 - 14.5	16.5 - 20.5	1811.05	06/11/85
RS-17	III	16	16	0 - 16	4	0 - 16	0 - 4	6.4 - 16	1766.52	06/10/85
RS-18	IV	13	16	0 - 13	4	0 - 13	0 - 6	7.5 - 13	1802.86	06/12/85
RS-19	I	15	16	0 - 15	4	0 - 15	0 - 4.8	4.8 - 15	1812.42	09/12/85
RS-20	I	20.5	16	0 - 20.5	4	0 - 20.5	0 - 8.5	10.5 - 20.5	1823.77	09/12/85
RS-21	II	29	16	0 - 29	4	0 - 24.6	0 - 3.5	14.5 - 24.6	1767.36	10/23/85
RS-22	II	31	16	0 - 31	4	0 - 31	0 - 4	21 - 31	1771.23	10/23/85
RS-23	IV	13	12	0 - 13	4	0 - 13	0 - 6.8	8 - 13	1887.25	08/23/88

TABLE A-1
WELL CONSTRUCTION DATA
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Area No.	Effective Borehole Depth (feet)	Borehole		Casing		Sealed Interval (feet)	Perforated Interval (feet)	Measuring Point Elevation (ft MSL)	Date Drilling Completed
			Diameter (inches)	Interval (feet)	Inside Diameter (inches)	Interval (feet)				
RS-24	IV	8.5	12	0 - 8.5	4	0 - 8.5	0 - 3	4 - 8.5	1809.24	08/25/88
RS-25	IV	13.5	Trenched	0 - 13.5	4	0 - 13.5	0 - 2	8.5 - 13.5	1862.71	08/25/88
RS-26	Destroyed July 1989 During Soils Removal									
RS-27	IV	9	8	0 - 9	4	0 - 9	0 - 3	5 - 9	1804.78	08/02/88
RS-28	IV	19	8	0 - 19	4	0 - 19	0 - 9	14 - 19	1768.59	08/17/89
RS-29	II	38	9-7/8	0 - 38	4	0 - 37.5	0 - 17	27 - 37.5	1833.09	02/20/93
RS-30	I	23	12	0 - 23	4	0 - 21	0 - 9	10.5 - 21	1909.01	03/20/91
RS-31	I	18	12	0 - 18	4	0 - 17.5	0 - 6	7 - 17.5	1909.03	03/19/91
RS-32	I	18	12	0 - 18	4	0 - 17	0 - 6	6.5 - 17	1908.99	03/19/91
RS-33	III	35	8-1/2	0 - 35	4	0 - 35	0 - 12.2	14.5 - 34.5	1728.89	06/22/10
RS-34	II	35	8-1/2	0 - 35	4	0 - 35	0 - 12	14.5 - 34.5	1808.87	07/20/10
RS-35	I	28	8-1/2	0 - 28	4	0 - 28	0 - 15	17.5 - 27.5	1900.07	06/18/10
RS-36	IV	19.5	9-5/8	0 - 19.5	12 9-5/8	0 - 15 ---	0 - 15 ---	Open Hole	1817.73	11/21/11
RS-54	IV	38	11-1/4 5-7/8	0 - 7 7 - 38	6-1/4 ---	0 – 7 ---	0 - 7	Open Hole	1846.66	08/09/93
ES-01	I	26	15	0 - 26	6	(v)1.3 - 25.5	0 - 6	15.5 - 25.5	1782.70	10/20/86
ES-02	I	17.5	15	0 - 17.5	6	(v)1.5 - 16.7	0 - 4.8	6.7 - 16.7	1814.60	10/20/86
ES-03	I	27	15	0 - 27	6	(v)1.3 - 27	0 - 9.4	17 - 27	1783.39	10/21/86
ES-04	I	20	15	0 - 20	6	(v)1.4 - 20	0 - 4	5.8 - 20	1817.24	10/21/86
ES-05	I	19	15	0 - 19	6	(v)1.3 - 19	0 - 5.8	9 - 19	1818.13	10/21/86
ES-06	I	25	15	0 - 25	6	0 - 25	0 - 5.6	11.6 - 25	1825.41	11/04/86
ES-07	I	23.2	15	0 - 23.2	6	0 - 23.2	0 - 6.5	8.5 - 23.2	1826.53	11/05/86
ES-08	I	24.1	15	0 - 24.1	6	0.6 - 24.1	0 - 4.7	12.1 - 24.1	1826.60	11/05/86
ES-09	I	24.2	15	0 - 24.2	6	0 - 24.2	0 - 3.4	11.9 - 24.2	1827.80	11/05/86
ES-10	I	20	15	0 - 20	6	0 - 20	0 - 5	9.7 - 20	1829.46	11/05/86
ES-11	I	27	15	0 - 27	6	0 - 27	0 - 4.2	7.2 - 27	1835.07	11/06/86
ES-12	I	22.5	15	0 - 22.5	6	0 - 22.5	0 - 6.9	10.9 - 22.5	1838.19	11/06/86
ES-13	I	30	15	0 - 30	6	(v)1.2 - 23.6	0 - 3.1	6 - 23.6	1782.58	11/06/86
ES-14	III	24.6	15	0 - 24.6	6	0 - 23.5	0 - 9.4	12.9 - 23.5	1727.85	11/10/86
ES-15	III	24	15	0 - 24	6	0 - 24	0 -10.8	13.5 - 24	1730.21	11/10/86
ES-16	III	24.8	15	0 - 24.8	6	0 - 24.8	0 - 4.3	8.1 - 24.8	1737.90	11/10/86
ES-17	III	28	15	0 - 28	6	0 - 28	0 - 7.9	10.4 - 28	1739.24	11/11/86
ES-18	II	35	15	0 - 35	6	0 - 26.9	0 - 9.1	12.9 - 26.9	1770.25	11/11/86
ES-19	II	33	15	0 - 33	6	0 - 26.3	0 - 6.3	10.3 - 26.3	1769.44	11/11/86

TABLE A-1
WELL CONSTRUCTION DATA
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Area No.	Effective Borehole Depth (feet)	Borehole		Casing		Sealed Interval (feet)	Perforated Interval (feet)	Measuring Point Elevation (ft MSL)	Date Drilling Completed
			Diameter (inches)	Interval (feet)	Inside Diameter (inches)	Interval (feet)				
ES-20	II	35	15	0 - 35	6	0 - 23	0 - 3.5	9.8 - 23	1770.58	11/13/86
ES-21	II	35	12	0 - 35	6	0 - 35	0 - 2.2	15.8 - 35	1769.62	01/26/87
ES-22	II	35.5	12	0 - 35.5	6	0 - 35.5	0 - 5.2	17.5 - 35.5	1770.93	01/27/87
ES-23	III	20	12	0 - 20	6	0 - 20	0 - 2.4	10.6 - 20	1760.73	01/27/87
ES-24	III	30	12	0 - 30	6	0 - 30	0 -11.7	18.3 - 30	1728.67	01/28/87
ES-25	III	35	12	0 - 35	6	0 - 35	0 - 9.2	19.5 - 35	1737.78	01/28/87
ES-26	III	35	12	0 - 35	6	0 - 34.5	0 - 8.7	17.5 - 34.5	1748.04	01/28/87
ES-27	III	35	12	0 - 35	6	0 - 35	0 - 9.5	15.3 - 35	1740.34	01/28/87
ES-28	III	21	12	0 - 21	6	0 - 21	0 - 1.7	8.9 - 21	1759.15	01/28/87
ES-29	III	28	12	0 - 28	6	0 - 28	0 - 8.4	11.6 - 28	1761.06	01/29/87
ES-30	III	25	12	0 - 25	6	0 - 25	0 - 5.5	10.1 - 25	1759.51	01/29/87
ES-31	IV	25	12	0 - 25	6	0 - 25	0 - 9.7	11.6 - 25	1787.01	01/29/87
ES-32	III	25	12	0 - 25	6	0 - 21.5	0 - 4.6	7.5 - 21.5	1740.65	01/29/87
HAR-02	I	30	8	0 - 30	4	(v)1.1 - 30	0 - 6.2	15.4 - 30	1886.38	05/12/87
HAR-03	I	30	8	0 - 30	4	0 - 30	0 - 6.2	14.7 - 30	1875.35	05/13/87
HAR-04	I	29	8	0 - 29	4	0 - 29	0 - 6.4	12.1 - 29	1873.40	05/13/87
HAR-09	II	30.5	8	0 - 30.5	4	0 - 30.5	0 - 5.9	16.1 - 30.5	1821.42	05/16/87
HAR-11	II	31	8	0 - 31	4	0 - 31	0 - 5	11.2 - 31	1827.78	05/16/87
HAR-12	III	30.5	8	0 - 30.5	4	0 - 30.5	0 - 3.5	15.5 - 30.5	1797.23	05/17/87
HAR-13	III	31.6	8	0 - 31.6	4	0 - 31.6	0 - 5.5	17.4 - 31.6	1801.09	05/17/87
HAR-14	III	40	8	0 - 40	4	0 - 40	0 - 5.5	11.8 - 40	1796.91	05/19/87
HAR-15	II	40	8	0 - 40	4	0 - 40	0 - 5	10.2 - 40	1809.57	05/19/87
HAR-27	II	40	8	0 - 40	4	0 - 40	0 - 3	21 - 40	1719.28	06/14/87
HAR-28	II	40	8	0 - 40	4	0 - 40	0 - 6	20 - 40	1720.06	06/14/87
HAR-29	II	40.2	8	0 - 40.2	4	0 - 40.2	0 - 7	20 - 40.2	1724.04	06/14/87
HAR-30	II	35	8	0 - 35	4	0 - 35	0 - 6.5	14 - 35	1807.05	06/15/87
HAR-31	II	40	8	0 - 40	4	0 - 40	0 - 6	22 - 40	1812.32	06/15/87
HAR-32	III	40	8	0 - 40	4	0 - 40	0 - 6	21 - 40	1736.49	06/17/87
HAR-33	III	35	8	0 - 35	4	0 - 35	0 - 6	18 - 35	1744.56	06/17/87
HAR-34	III	23	8	0 - 23	4	0 - 23	0 - 3	9 - 23	1751.17	06/17/87

TABLE A-1
WELL CONSTRUCTION DATA
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Area No.	Effective Borehole Depth (feet)	Borehole		Casing		Sealed Interval (feet)	Perforated Interval (feet)	Measuring Point Elevation (ft MSL)	Date Drilling Completed
			Diameter (inches)	Interval (feet)	Inside Diameter (inches)	Interval (feet)				
CHATSWORTH FORMATION										
RD-01	I	506	15 8-5/8	0 - 26 26 - 506	10-1/8 ---	0 - 26 ---	0 - 26	Open Hole	1935.88	01/09/86
RD-02	I	400	15 8-5/8	0 - 26 26 - 400	10-1/8 ---	0 - 26 ---	0 - 26	Open Hole	1873.89	01/16/86
RD-03	I	300	15 8-5/8	0 - 27 27 - 300	10-1/8 ---	0 - 27 ---	0 - 27	Open Hole	1743.53	01/10/86
RD-04	II	496	15 8-5/8	0 - 27 27 - 496	10-1/8 ---	0 - 27 ---	0 - 27	Open Hole	1883.85	01/22/86
RD-05A	UL-S	158	12-1/4 6-1/4	0 - 29.5 29.5 - 158	8-1/4 ---	0 - 29.5 ---	0 - 29.5	Open Hole	1704.78	02/17/93
RD-05B	UL-S	310	15 9-7/8	0 - 27 27 - 310	10-1/8 5	0 - 27 0 - 310	0 - 27 0 - 248	257.6 - 310	1706.19	05/20/93
RD-05C	UL-S	480	17-1/2 11-7/8 6-1/4	0 - 29 29 - 421 421 - 480	12-1/8 6-1/4 ---	0 - 28 0 - 418 ---	0 - 29 0 - 421	Open Hole	1705.27	06/27/94
RD-06	UL-S	260	15 9-7/8 8-5/8	0 - 27 27 - 136 136 - 260	10-1/8 6-1/4 ---	0 - 27 0 - 140 ---	0 - 27	70 - 140 Open Hole	1617.22	01/31/86
RD-07	IV	300	15 8-5/8	0 - 25 25 - 300	10-1/8 ---	0 - 25 ---	0 - 25	Open Hole	1812.82	01/08/86
RD-08	III	50	15 8-5/8	0 - 27 27 - 50	10-1/8 ---	0 - 27 ---	0 - 27	Open Hole	1763.70	01/29/86
RD-09	II	200	15 8-5/8	0 - 37 37 - 200	10-1/8 ---	0 - 37 ---	0 - 37	Open Hole	1768.26	01/28/86
RD-10	I	400	15 8-3/8	0 - 30 30 - 400	10-1/8 ---	0 - 30 ---	0 - 30	Open Hole	1904.48	05/07/86
RD-11	III	71	15 8-3/8	0 - 30 30 - 71	10-1/8 ---	0 - 30 ---	0 - 30	Open Hole	1762.84	10/23/86
RD-12	III	72	15 8-3/8	0 - 30 30 - 72	10-1/8 ---	0 - 30 ---	0 - 30	Open Hole	1762.62	10/23/86

TABLE A-1
WELL CONSTRUCTION DATA
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Area No.	Effective Borehole Depth (feet)	Borehole		Casing		Sealed Interval (feet)	Perforated Interval (feet)	Measuring Point Elevation (ft MSL)	Date Drilling Completed
			Diameter (inches)	Interval (feet)	Inside Diameter (inches)	Interval (feet)				
RD-13	IV	160	12 6-1/2	0 - 30 30 - 160	8-1/4 ---	0 - 30 ---	0 - 30	 Open Hole	1840.01	07/25/89
RD-14	IV	125	12 6-1/2	0 - 30 30 - 125	8-1/4 ---	0 - 30 ---	0 - 30	 Open Hole	1824.18	07/27/89
RD-15	IV	152	12 6-1/2	0 - 30 30 - 152	8-1/4 ---	0 - 30 ---	0 - 30	 Open Hole	1817.70	07/27/89
RD-16	IV	220	12 6-1/2	0 - 30 30 - 220	8-1/4 ---	0 - 30 ---	0 - 30	 Open Hole	1808.99	08/15/89
RD-17	IV	125	12 6-1/2	0 - 30 30 - 125	8-1/4 ---	0 - 30 ---	0 - 30	 Open Hole	1836.30	08/10/89
RD-18	IV	240	12 6-1/2	0 - 30 30 - 240	8-1/4 ---	0 - 30 ---	0 - 30	 Open Hole	1839.51	07/28/89
RD-19	IV	135	12 6-1/2	0 - 30 30 - 135	8-1/4 ---	0 - 30 ---	0 - 30	 Open Hole	1853.16	07/31/89
RD-20	IV	127	12 6-1/2	0 - 30 30 - 127	8-1/4 ---	0 - 30 ---	0 - 30	 Open Hole	1819.52	07/27/89
RD-21	IV	175	12 6-1/2	0 - 30 30 - 175	8-1/4 ---	0 - 30 ---	0 - 30	 Open Hole	1866.96	08/11/89
RD-22	IV	440	12 6-1/2	0 - 30 30 - 440	8-1/4 ---	0 - 30 ---	0 - 30	 Open Hole	1853.41	08/15/89
RD-23	IV	440	12 6-1/2	0 - 30 30 - 440	8-1/4 ---	0 - 30 ---	0 - 30	 Open Hole	1838.19	08/16/89
RD-24	IV	150	12 6-1/2	0 - 30 30 - 150	8-1/4 ---	0 - 30 ---	0 - 30	 Open Hole	1809.93	08/09/89
RD-25	IV	Well abandoned April 2004 as part of Building 4059 demolition.								
RD-26	II	160	12 6-1/2	0 - 30 30 - 160	8-1/4 ---	0 - 30 ---	0 - 30	 Open Hole	1880.39	08/03/89
RD-27	IV	150	12 6-1/2	0 - 30 30 - 150	8-1/4 ---	0 - 30 ---	0 - 30	 Open Hole	1841.67	08/10/89
RD-28	IV	Well abandoned April 2004 as part of Building 4059 demolition.								
RD-29	IV	100	12 6-1/2	0 - 30 30 - 100	8-1/4 ---	0 - 30 ---	0 - 30	 Open Hole	1806.29	08/10/89
RD-30	IV	75	12 6-1/2	0 - 30 30 - 75	8-1/4 ---	0 - 30 ---	0 - 30	 Open Hole	1768.69	08/11/89

TABLE A-1
WELL CONSTRUCTION DATA
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Area No.	Effective Borehole Depth (feet)	Borehole		Casing		Sealed Interval (feet)	Perforated Interval (feet)	Measuring Point Elevation (ft MSL)	Date Drilling Completed
			Diameter (inches)	Interval (feet)	Inside Diameter (inches)	Interval (feet)				
RD-31	I	542	12 6-1/2 3.8	0 - 30 30 - 178 178 - 542	8-1/4 --- ---	0 - 30 --- ---	0 - 30	 Open Hole Open Hole	1944.55	08/16/89 11/14/05
RD-32	OS	150	17-1/2 11-7/8 5-7/8	0 - 19 19 - 99 99 - 150	12-1/8 6-1/4 ---	0 - 19 0 - 99 ---	0 - 19 0 - 99	 Open Hole	1808.15	02/09/94
RD-33A	UL-N	320	17-1/2 11 5-1/2	0 - 11 11 - 100 100 - 320	12-1/8 6-1/4 ---	0 - 11 0 - 100 ---	0 - 11 0 - 100	 Open Hole	1792.97	09/27/91
RD-33B	UL-N	415	17-1/2 11 6-1/4	0 - 20 20 - 360 360 - 415	12-1/8 6-1/4 ---	0 - 20 0 - 360 ---	0 - 20 20 - 360	 Open Hole	1793.72	09/27/91
RD-33C	UL-N	520	17-1/2 11 6-1/4	0 - 10 10 - 480 480 - 520	12-1/8 6-1/4 ---	0 - 10 0 - 480 ---	0 - 10 0 - 480	 Open Hole	1793.61	09/21/91
RD-34A	UL-N	60	12-1/4 6-1/2	0 - 16 16 - 60	8-1/4 ---	0 - 16 ---	0 - 16	 Open Hole	1761.91	07/25/91
RD-34B	UL-N	240	17-1/2 11 6-1/4	0 - 30 30 - 180 180 - 240	12-1/8 6-1/4 ---	0 - 30 0 - 180 ---	0 - 30 0 - 180	 Open Hole	1762.51	08/11/91
RD-34C	UL-N	450	17-1/2 11 6-1/4	0 - 30 30 - 380 380 - 450	12-1/8 6-1/4 ---	0 - 30 0 - 380 ---	0 - 30 0 - 380	 Open Hole	1762.79	08/10/91
RD-35A	I	110	12-1/4 6-1/4	0 - 19.5 19.5 - 110	8-1/4 4	0 - 19.5 0 - 105.5	0 - 19.5 0 - 30	 65 - 105.5	1907.92	01/24/93
RD-35B	I	328	24 17-1/2 9-7/8 3	0 – 10 10 – 162 162 – 328 328 – 359	18 12 4 ---	0 - 10 0 - 158 0 - 324 ---	0 - 10 0 - 162 0 - 292 328 - 359	 303 - 324	1905.54	01/18/99
RD-36A	OS	95	17-1/2 6-1/4	0 – 20 20 – 95	12-1/8 ---	0 - 20 ---	0 - 20	 Open Hole	1913.09	01/14/94
RD-36B	OS	170	17-1/2 11-7/8 5-7/8	0 – 20.5 20.5 – 120 120 – 170	12-1/8 6-1/4 ---	0 - 20.5 0 - 120 ---	0 - 20.5 0 - 120	 Open Hole	1915.54	03/13/94

TABLE A-1
WELL CONSTRUCTION DATA
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Area No.	Effective Borehole Depth (feet)	Borehole		Casing		Sealed Interval (feet)	Perforated Interval (feet)	Measuring Point Elevation (ft MSL)	Date Drilling Completed
			Diameter (inches)	Interval (feet)	Inside Diameter (inches)	Interval (feet)				
RD-36C	OS	466	26 15 5-7/8	0 – 20 20 – 198 198 – 466	20 10-1/8 4	0 - 20 0 - 197 0 - 455.5	0 - 20 0 - 198 0 - 381	 405 - 455.5	1913.80	04/23/94
RD-36D	OS	605	24-1/2 15 9-7/8	0 – 10 10 – 554 554 – 608	18 10 4	0 - 10 0 - 550 0 - 605	0 - 10 0 - 550 0 - 560	 575 - 605	1920.23	09/10/97
RD-37	OS	400	17-1/2 11-7/8 7-7/8	0 – 38 38 – 260 260 – 400	12-1/8 4	0 - 38 0 - 377	0 - 38	 272 - 377	1869.61	01/28/94
RD-38A	OS	120	17-1/2 6-1/2	0 – 20 20 – 120	12-1/8 ---	0 - 20 ---	0 - 20	 Open Hole	1879.62	02/12/94
RD-38B	OS	370	24 17-1/2 11-7/8 5-1/2	0 - 6 6 - 170 170 - 279 279 - 370	18 12 6 ---	0 - 6 0 - 161 0 - 277 ---	0 - 6 0 - 170 0 - 279	 Open Hole	1880.96	12/15/98
RD-39A	OS	159	17-1/2 6-1/2	0 – 20 20 – 159	12-1/8 ---	0 - 20 ---	0 - 20	 Open Hole	1960.53	02/02/94
RD-39B	OS	477	24 15 9-1/2 6-1/2	0 – 12 12 – 213 213 – 477 477 – 500	16 10 4 ---	0 - 12 0 - 210 0 – 470 ---	0 - 12 0 - 213 0 – 424 477 – 500	 440 - 470	1959.73	11/11/97
RD-40	II	300	12-1/4 6-1/4	0 - 19.5 19.5 - 300	8-1/4 ---	0 - 19.5 ---	0 - 19.5	 Open Hole	1972.22	01/08/93
RD-41A	II	120	12-1/4 6-1/4	0 - 19.5 19.5 - 120	8-1/4 ---	0 - 19.5 ---	0 - 19.5	 Open Hole	1774.61	01/10/93
RD-41B	II	390	17-1/2 11-7/8 5-7/8	0 - 19.5 19.5 - 340 340 - 390	12-1/8 6-1/4 ---	0 - 19.5 0 - 336 ---	0 - 19.5 0 - 340	 Open Hole	1774.94	10/19/93
RD-41C	II	558	17-1/2 11-1/4 6-1/4	0 - 19.5 19.5 - 492 492 - 558	12-1/8 6-1/4 ---	0 - 19.5 0 - 491 ---	0 - 19.5 0 - 492	 Open Hole	1773.73	10/05/93
RD-42	II	120	12-1/4 6-1/4	0 - 19.5 19.5 - 120	8-1/4 ---	0 - 19.5 ---	0 - 19.5	 Open Hole	1945.48	01/09/93

TABLE A-1
WELL CONSTRUCTION DATA
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Area No.	Effective Borehole Depth (feet)	Borehole		Casing		Sealed Interval (feet)	Perforated Interval (feet)	Measuring Point Elevation (ft MSL)	Date Drilling Completed
			Diameter (inches)	Interval (feet)	Inside Diameter (inches)	Interval (feet)				
RD-43A	OS	98	17-1/2 6-1/2	0 - 19.5 19.5 - 98	12-1/8 ---	0 - 19.5 ---	0 - 19.5	Open Hole	1680.66	09/09/94
RD-43B	OS	295	17-1/2 11-7/8 6-1/2	0 - 20 20 - 240.5 240.5 – 295	12-1/8 6-1/4 ---	0 - 20 0 – 240.5 ---	0 - 20 0 – 30.5 115.5 – 240.5	Open Hole	1680.11	10/25/94
RD-43C	OS	439.5	17-1/2 11-7/8 6-1/2	0 - 20 20 - 370 370 - 439.5	12-1/8 6-1/4 ---	0 - 20 0 - 370 ---	0 - 20 5 - 140 183 - 219 318 - 368	Open Hole	1680.11	10/10/94
RD-44	I	485	17-1/2 6-1/4	0 - 20 20 - 485	12-1/8 ---	0 - 20 ---	0 - 20	Open Hole	2036.04	03/13/93
RD-45A	I	480	17-1/2 6-1/2	0 - 19.5 19.5 - 480	12-1/8 ---	0 - 19.5 ---	0 - 19.5	Open Hole	1841.59	02/06/93
RD-45B	I	590	17-1/2 11-7/8 6-1/2	0 - 20 20 - 538 538 - 590	12-1/8 6-1/4 ---	0 - 20 0 - 538 ---	0 - 20 0 - 127 471 - 538	Open Hole	1840.01	09/11/94
RD-45C	I	798	24 11-7/8 6-1/4	0 - 20 20 - 750 750 - 798	16 6-1/4 ---	0 - 19 0 - 750 ---	0 - 20 0 - 135 483 - 540 590 - 750	Open Hole	1836.33	08/26/94
RD-46A	I	140	12-1/4 6-1/4	0 - 29.5 29.5 - 140	8-1/4 ---	0 - 29.5 ---	0 - 29.5	Open Hole	1806.25	01/13/93
RD-46B	I	328	24 17-1/2 9-7/8 3	0 - 20 20 - 193 193 - 328 328 - 366	18 12 4 ---	0 - 20 0 - 190 0 - 325 ---	0 - 20 0 - 193 0 - 281 328 - 366	293 - 325	1806.93	12/19/98
RD-47	I	710	17-1/2 6-1/2	0 - 19 19.0 - 710	12-1/8 ---	0 - 19 ---	0 - 19	Open Hole	2045.72	04/01/93
RD-48A	UL-S	110	12-1/4 6-1/2	0 - 20 20 - 110	8-1/4 ---	0 - 20 ---	0 - 20	Open Hole	1736.61	03/15/93
RD-48B	UL-S	248	17-1/2 11-1/4 6-1/4	0 - 29.5 29.5 - 200 200 - 248	12-1/8 6-1/4 ---	0 - 29.5 0 - 200 ---	0 - 29.5 0 - 198.5	Open Hole	1735.73	05/26/93

TABLE A-1
WELL CONSTRUCTION DATA
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Area No.	Effective Borehole Depth (feet)	Borehole		Casing		Sealed Interval (feet)	Perforated Interval (feet)	Measuring Point Elevation (ft MSL)	Date Drilling Completed
			Diameter (inches)	Interval (feet)	Inside Diameter (inches)	Interval (feet)				
RD-48C	UL-S	438	17-1/2 11-1/4 6-1/4	0 - 30 30 - 371 371 - 438	12-1/8 6-1/4 ---	0 - 30 0 - 371 ---	0 - 30 0 - 371	Open Hole	1735.10	05/16/93
RD-49A	II	50	12-3/4 6-1/4	0 - 18.5 18.5 - 50	8-1/4 ---	0 - 18.5 ---	0 - 18.5	Open Hole	1867.25	06/08/93
RD-49B	II	298	17-1/2 11-7/8 5-7/8	0 - 20 20 - 250 250 - 298	12-1/8 6-1/4 ---	0 - 20 0 - 250 ---	0 - 20 0 - 250	Open Hole	1868.11	06/14/93
RD-49C	II	558	17-1/2 11-7/8 6-1/4	0 - 19 19 - 500 500 - 558	12-1/8 6-1/4 ---	0 - 19 0 - 491 ---	0 - 19 0 - 491	Open Hole	1869.63	07/07/93
RD-50	IV	195	12-3/4 6-1/4	0 - 18.5 18.5 - 195	8-1/4 ---	0 - 18.5 ---	0 - 18.5	Open Hole	1914.88	05/28/93
RD-51A	II	250	24 11-3/4 5-1/2	0 - 50 50 - 160 160 - 250	12-1/8 6-1/4 ---	0 - 50 0 - 160 ---	0 - 50 0 - 160	Open Hole	1832.84	07/11/91
RD-51B	II	370	24 11-3/4 5-1/2	0 - 48 48 - 300 300 - 370	12-1/8 6-1/4 ---	0 - 48 0 - 300 ---	0 - 48 0 - 300	Open Hole	1832.76	07/11/91
RD-51C	II	602	14 11-3/4 5-1/2	0 - 13.5 13.5 - 510 510 - 602	12-1/8 6-1/4 ---	0 - 13.5 0 - 510 ---	0 - 13.5 0 - 510	Open Hole	1831.56	07/09/91
RD-52A	I	137	12-1/4 6-1/2	0 - 19.5 19.5 - 137	8-1/4 ---	0 - 19.5 ---	0 - 19.5	Open Hole	1755.17	01/25/93
RD-52B	I	318	17-1/2 11-1/4 5-7/8	0 - 24 24 - 200 200 - 318	12-1/8 6-1/4 ---	0 - 24 0 - 200 ---	0 - 24 0 - 199	Open Hole	1712.15	12/06/93
RD-52C	I	678	17-1/2 11-7/8 11-1/4 6-1/4	0 - 20 20 - 450 450 - 620 620 - 678	12-1/8 6-1/4 ---	0 - 20 0 - 620 ---	0 - 20 0 - 620	Open Hole	1713.15	11/29/93

TABLE A-1
WELL CONSTRUCTION DATA
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Area No.	Effective Borehole Depth (feet)	Borehole		Casing		Sealed Interval (feet)	Perforated Interval (feet)	Measuring Point Elevation (ft MSL)	Date Drilling Completed
			Diameter (inches)	Interval (feet)	Inside Diameter (inches)	Interval (feet)				
RD-53	I	159	14 12 5-1/2	0 - 20 20 - 77 77 - 159	12-1/8 6-1/4 ---	0 - 20 0 - 77 ---	0 - 20 0 - 77	Open Hole	1909.33	05/15/91
RD-54A	IV	278	17-1/2 11-1/4 5-7/8	0 - 19 19 - 119 119 - 278	12-1/8 6-1/4 ---	0 - 19 0 - 119 ---	0 - 19 0 - 119	Open Hole	1841.72	08/07/93
RD-54B	IV	437	17-1/2 11-1/4 5-7/8	0 - 19 19 - 379 379 - 437	12-1/8 6-1/4 ---	0 - 19 0 - 379 ---	0 - 19 0 - 379	Open Hole	1842.54	08/31/93
RD-54C	IV	638	17-1/2 11-1/4 6-1/4	0 - 20 20 - 558 558 - 638	12-1/8 6-1/4 ---	0 - 20 0 - 557 ---	0 - 20 0 - 557	Open Hole	1843.77	07/27/93
RD-55A	III	106	17-1/2 6-1/4	0 - 28 28 - 106	12-1/8 ---	0 - 28 ---	0 - 28	Open Hole	1755.78	02/19/93
RD-55B	III	250	17-1/2 11 5-7/8	0 - 20 20 - 199.5 199.5 - 250	12-1/8 6-1/4 ---	0 - 20 0 - 199.5 ---	0 - 20 0 - 199.5	Open Hole	1757.15	04/19/93
RD-56A	UL-N	397.5	17-1/2 6-1/2	0 - 20.5 20.5 - 397.5	12-1/8 ---	0 - 20.5 ---	0 - 20.5	Open Hole	1759.42	03/08/94
RD-56B	UL-N	463	22 15 6-1/2	0 - 10 10 - 453 453 - 463	16 10 ---	0 - 10 0 - 443 ---	0 -10 0 - 443	Open Hole	1761.83	07/24/97
RD-57	UL-N	419	17-1/2 6-1/2	0 - 19.5 19.5 - 419	12-1/8 ---	0 - 19.5 ---	0 - 19.5	Open Hole	1774.15	02/23/94
RD-58A	III	126	12-1/4 6-1/4	0 - 19.5 19.5 - 126	8-1/4 ---	0 - 19.5 ---	0 - 19.5	Open Hole	1756.02	02/01/93
RD-58B	III	268	17-1/2 11-7/8 6-1/2	0 - 20 20 - 220 220 - 268	12-1/8 6-1/4 ---	0 - 20 0 - 220 ---	0 - 20 0 - 220	Open Hole	1761.47	08/28/94
RD-58C	III	498	17-1/2 11-7/8 6-1/2	0 - 19 19 - 450 450 - 498	12-1/8 6-1/4 ---	0 - 19 0 - 450 ---	0 - 19 0 - 450	Open Hole	1759.19	08/09/94
RD-59A	OS	58	17-1/2 6-1/2	0 - 21 21 - 58	12-1/8 ---	0 - 21 ---	0 - 21	Open Hole	1340.59	05/19/94

TABLE A-1
WELL CONSTRUCTION DATA
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Area No.	Effective Borehole Depth (feet)	Borehole		Casing		Sealed Interval (feet)	Perforated Interval (feet)	Measuring Point Elevation (ft MSL)	Date Drilling Completed
			Diameter (inches)	Interval (feet)	Inside Diameter (inches)	Interval (feet)				
RD-59B	OS	214	17-1/2 6-1/2	0 - 19.5 19.5 - 214	12-1/8 2	0 - 19.5 0 - 209	0 - 19.5 0 - 161	 178 - 209	1342.49	07/02/94
RD-59C	OS	398	17-1/2 6-1/2	0 - 19 19 - 398	12-1/8 2	0 - 19 0 - 397	0 - 19 0 - 186 250 - 328	 345.5 - 397	1345.41	07/02/94
RD-60	III	126	12-1/4 6-1/4	0 - 19.5 19.5 - 126	8-1/4 ---	0 - 19.5 ---	0 - 19.5	 Open Hole	1868.88	01/21/93
RD-61	I	129	17-1/2 6-1/4	0 - 19 19 - 129	12-1/8 ---	0 - 19 ---	0 - 19	 Open Hole	1845.74	04/26/94
RD-62	UL-S	238	17-1/2 6-1/2	0 - 20.7 20.7 - 238	12-1/8 ---	0 - 20.7 ---	0 - 19.5	 Open Hole	1837.27	05/06/94
RD-63	IV	230	12-3/4 6-1/2	0 - 20 20 - 230	8-1/4 ---	0 - 20 ---	0 - 20	 Open Hole	1764.83	05/10/94
RD-64	IV	398	12-1/4 6-1/2	0 - 19 19 - 398	8-1/4 ---	0 - 19 ---	0 - 19	 Open Hole	1857.04	05/19/94
RD-65	IV	397	12-3/4 6-1/2	0 - 19 19 - 397	8-1/4 ---	0 - 19 ---	0 - 19	 Open Hole	1819.14	08/14/94
RD-66	OS	225	22 6-1/2	0 - 19 19 - 225	12 ---	0 - 19 ---	0 - 19	 Open Hole	1731.06	07/28/97
RD-67	UL-S	102	17-1/2 6-1/2	0 - 20 20 - 102	12 ---	0 - 20 ---	0 - 20	 Open Hole	1901.66	09/19/97
RD-68A	OS	90	17-1/2 6-1/4	0 - 19 19 - 90	12 ---	0 - 19 ---	0 - 19	 Open Hole	1307.64	06/05/97
RD-68B	OS	272	--- 11-7/8	0 - 52 52 - 272	12 4	0 - 52 0 - 270	0 - 224	240 - 270	1312.44	06/11/97
RD-69	I	103	17-1/2 6-1/4	0 - 19 19 - 103	12 ---	0 - 19 ---	0 - 19	 Open Hole	1831.23	06/16/97
RD-70	UL-N	278	17-1/2 6-1/2	0 - 19 19 - 278	12 ---	0 - 19 ---	0 - 19	 Open Hole	1732.44	06/14/97
RD-71	OS	281	17-1/2 6-1/2	0 - 20 20 - 281	12 ---	0 - 20 ---	0 - 20	 Open Hole	1740.02	07/27/97
RD-72	I	182	24 6-1/2	0 - 27 27 - 182	12 ---	0 - 27 ---	0 - 27	 Open Hole	1907.25	12/23/97
RD-73	I	141	12 6	0 - 20 20 - 141	10 ---	0 - 20 ---	0 - 20	 Open Hole	1901.60	07/19/95

TABLE A-1
WELL CONSTRUCTION DATA
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Area No.	Effective Borehole Depth (feet)	Borehole		Casing		Sealed Interval (feet)	Perforated Interval (feet)	Measuring Point Elevation (ft MSL)	Date Drilling Completed
			Diameter (inches)	Interval (feet)	Inside Diameter (inches)	Interval (feet)				
RD-74	IV	101	17-1/2 6-1/2	0 - 30 30 - 101	12 ---	0 - 30 ---	0 - 30	Open Hole	1810.90	01/21/99
RD-75	UL-S	425	12-3/4 4-4/5	0 - 30 30 - 425	8 ---	0 - 30 ---	0 - 30	Open Hole	1613.07	11/24/03
RD-76	I	153	12-3/4 6 5-1/2	0 - 30 30 - 153 153-185	8 4 ---	0 - 30 0 - 153 ---	0 - 30 --- Fill 153-185	133 - 153	1772.38	12/03/03
RD-77	I	170	12-3/4 4-4/5	0 - 46 46 - 170	8 ---	0 - 46 ---	0 - 46	Open Hole	1918.60	12/03/03
RD-78	I	333	12-3/4 5-1/2	0 - 40 40 - 333	8 ---	0 - 40 ---	0 - 40	Open Hole	1819.58	12/09/03
RD-80	I	224	12-3/4 4-4/5	0 - 19 19 - 224	8 ---	0 - 19 ---	0 - 19	Open Hole	1740.18	12/01/03
RD-81	I	205	12-3/4 6	0 - 20 20 - 205	8 ---	0 - 20 ---	0 - 20	Open Hole	1706.06	06/14/04
RD-82	II	197	12-3/4 6	0 - 20 20 - 197	8 ---	0 - 20 ---	0 - 20	Open Hole	1676.71	06/09/04
RD-83	II	143	12-3/4 6	0 - 20 20 - 143	8 ---	0 - 20 ---	0 - 20	Open Hole	1660.90	06/16/04
RD-84	I	171	10 4	0 - 40 40 - 171	5 ---	0 - 40 ---	0 - 40	Open Hole	1907.83	12/15/03
RD-85	IV	90	13-3/8 5	0 - 20 20 - 90	8 ---	0 - 20 ---	0 - 20	Open Hole	1849.36	08/04/04
RD-86	IV	80	13-3/8 5	0 - 20 20 - 80	8 ---	0 - 20 ---	0 - 20	Open Hole	1832.16	08/09/04
RD-87	IV	60	13-3/8 5	0 - 20 20 - 60	8 ---	0 - 20 ---	0 - 20	Open Hole	1789.09	08/11/04
RD-88	IV	30	13-3/8 5	0 - 20 20 - 30	8 ---	0 - 20 ---	0 - 20	Open Hole	1774.62	08/16/04
RD-89	IV	50	13 3.8	0 - 30 30 - 50	8 ---	0 - 30 ---	0 - 30	Open Hole	1814.18	05/18/05
RD-90	IV	125	12-3/4 6	0 - 20 20 - 125	8 ---	0 - 20 ---	0 - 20	Open Hole	1784.75	03/11/04
RD-91	IV	140	12-3/4 6	0 - 20 20 - 140	8 ---	0 - 20 ---	0 - 20	Open Hole	1818.04	03/12/04

TABLE A-1
WELL CONSTRUCTION DATA
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Area No.	Effective Borehole Depth (feet)	Borehole		Casing		Sealed Interval (feet)	Perforated Interval (feet)	Measuring Point Elevation (ft MSL)	Date Drilling Completed
			Diameter (inches)	Interval (feet)	Inside Diameter (inches)	Interval (feet)				
RD-92	IV	105	12-3/4 6	0 - 20 20 - 105	8 ---	0 - 20 ---	0 - 20	Open Hole	1833.74	03/16/04
RD-93	IV	60	13 3.8	0 - 20 20 - 60	8 ---	0 - 20 ---	0 - 20	Open Hole	1810.48	05/19/05
RD-94	UL, NW of IV	35	13 3.8	0 - 20.5 20.5 - 35	8 ---	0 - 20.5 ---	0 - 20.5	Open Hole	1744.38	05/15/05
RD-95	IV	80	13 3.8	0 - 50 50 - 80	8 ---	0 - 50 ---	0 - 50	Open Hole	1811.36	05/12/05
RD-96	IV	90	13 4	0 - 20 20 - 90	8 ---	0 - 20 ---	0 - 20	Open Hole	1805.49	05/03/06
RD-97	UL, NW of IV	74.5	13 4	0 - 20 20 - 74.5	8 ---	0 - 20 ---	0 - 20	Open Hole	1792.22	04/28/06
RD-98	IV	65	13-3/8 5-1/2	0 - 20 20 - 65	8-1/8 ---	0 - 20 ---	0 - 20 ---	Open hole	1808.73	06/04/08
RD-99	I	300	13-3/8 10-5/8 4	0 - 10 10 - 65 65 - 300	11-3/4 6 ---	0 - 10 0 - 65 ---	0 - 10 0 - 65 ---	Open hole	1894.85	09/26/11
RD-100	I	160	13-3/8 10-5/8 4	0 - 10 10 - 40 40 - 160	11-3/4 6 ---	0 - 10 0 - 40 ---	0 - 10 0 - 40 ---	Open hole	1768.17	11/04/11
RD-102	IV	100	10-5/8 4	0 - 30 30 - 100	6 ---	0 - 30 ---	0 - 30 ---	Open hole	1817.50	11/16/11
RD-103	I	400	 4	 60 - 400	6 ---	0 - 60 ---	0 - 60 ---	Open hole	1934.21	10/19/11
RD-104	II	 60.5	22 13-1/8 5-1/2	0-5 0 - 30 30 - 60.5	8 --- ---	0 - 29 --- ---	0 - 5 0 - 26	--- --- Open Hole	1826.49	07/26/10
WS-04A	I	502	13 10	0 - 300 300 - 502	10-1/4 ---	0 - 288 ---	Unknown	96 - 288 Open Hole	1750.94	1953
WS-05	I	2304	>12-1/4 12-1/4	0 - 40 40 - 2304	12 ---	0 - 40 ---	0 - 55	Open Hole	1830.20	1951
WS-06	I	1440	30 13 8-1/4	0 - 6 6 - 450 450 - 1440	12-1/8 ---	0 - 450 ---	0 - 6	306 - 450 Open Hole	1932.72	1953

TABLE A-1
WELL CONSTRUCTION DATA
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Area No.	Effective Borehole Depth (feet)	Borehole		Casing		Sealed Interval (feet)	Perforated Interval (feet)	Measuring Point Elevation (ft MSL)	Date Drilling Completed
			Diameter (inches)	Interval (feet)	Inside Diameter (inches)	Interval (feet)				
WS-07	IV	700	15 10	0 - 400 400 - 700	12-1/8 ---	0 - 400 ---	Unknown	216 - 400 Open Hole	1826.19	1954
WS-08	III	700	15 10	0 - 400 400 - 700	12-1/8 ---	0 - 400 ---	Unknown	192 - 400 Open Hole	1794.39	1954
WS-09	II	1800	30 15 10	0 - 17 17 - 690 690 - 1800	12-1/8 ---	0 - 17 ---	0 - 14	 Open Hole	1883.99	1955
WS-09A	II	541	30 15	0 - 34 34 - 541	14 12-1/8 8-1/4	0 - 34 0 - 541 0 - 539	0 - 20	 20 - 539	1647.61	1956
WS-09B	II	220	16	0 - 220	---	---	Unknown	Open Hole	1796.89	1956
WS-11	III	677	13 9	0 - 400 400 - 677	12-1/8 8-1/4	0 - 400 365.5 - 615	Unknown	200 - 400 365 - 615 Open Hole	1748.70	1956
WS-12	I	1768	15 12	0 - 408 408 - 1768	14 ---	0 - 375 ---	Unknown	 Open Hole	1705.98	1956
WS-13	II	940	>13 11-1/2	0 - 750 750 - 940	12-1/8 ---	0 - 750 ---	0 - 15	22 - 750 Open Hole	1658.62	1957
WS-14	I	1272	>16 12-3/4	0 - 40 40 - 1272	16 ---	0 - 40 ---	Unknown	 Open Hole	1878.23	1957
WS-SP	II	203	Unknown	0 - 203	6	0 - 203	Unknown	Unknown	1766.76	Unknown
HAR-01	I	110	15 8	0 - 30 30 - 110	10-1/8 ---	0 - 30 ---	0 - 30	 Open Hole	1874.13	05/16/87
HAR-05	II	180	15 8	0 - 30 30 - 180	10-1/8 ---	0 - 30 ---	0 - 30	 Open Hole	1812.72	05/16/87
HAR-06	II	160	15 8	0 - 30 30 - 160	10-1/8 ---	0 - 30 ---	0 - 30	 Open Hole	1815.03	05/16/87
HAR-07	II	100	15 8	0 - 30 30 - 100	10-1/8 ---	0 - 30 ---	0 - 30	 Open Hole	1728.61	05/20/87
HAR-08	II	130	15 8	0 - 30 30 - 130	10-1/8 ---	0 - 30 ---	0 - 30	 Open Hole	1730.73	05/20/87
HAR-16	I	120	15 8	0 - 30 30 - 120	10-1/8 ---	0 - 30 ---	0 - 30	 Open Hole	1872.61	05/20/87
HAR-17	II	100	15 8	0 - 30 30 - 100	10-1/8 ---	0 - 30 ---	0 - 30	 Open Hole	1711.59	05/20/87

TABLE A-1
WELL CONSTRUCTION DATA
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Area No.	Effective Borehole Depth (feet)	Borehole		Casing		Sealed Interval (feet)	Perforated Interval (feet)	Measuring Point Elevation (ft MSL)	Date Drilling Completed
			Diameter (inches)	Interval (feet)	Inside Diameter (inches)	Interval (feet)				
HAR-18	III	80	15 8	0 - 30 30 - 80	10-1/8 ---	0 - 30 ---	0 - 30	 Open Hole	1749.41	05/20/87
HAR-19	II	220	15 8	0 - 30 30 - 220	10-1/8 ---	0 - 30 ---	0 - 30	 Open Hole	1833.75	06/17/87
HAR-20	II	230	15 8	0 - 30 30 - 230	10-1/8 ---	0 - 30 ---	0 - 30	 Open Hole	1830.65	06/16/87
HAR-21	II	130	15 8	0 - 30 30 - 130	10-1/8 ---	0 - 30 ---	0 - 30	 Open Hole	1821.42	06/18/87
HAR-22	II	90	15 8	0 - 30 30 - 90	10-1/8 ---	0 - 30 ---	0 - 30	 Open Hole	1816.41	06/18/87
HAR-23	III	90	15 8	0 - 30 30 - 90	10-1/8 ---	0 - 30 ---	0 - 30	 Open Hole	1806.13	06/18/87
HAR-24	I	110	15 8	0 - 30 30 - 110	10-1/8 ---	0 - 30 ---	0 - 30	 Open Hole	1906.89	06/18/87
HAR-25	I	90	15 8	0 - 30 30 - 90	10-1/8 ---	0 - 30 ---	0 - 30	 Open Hole	1890.00	06/18/87
HAR-26	III	90	15 8	0 - 30 30 - 90	10-1/8 ---	0 - 30 ---	0 - 30	 Open Hole	1763.46	06/18/87
PRIVATE OFF-SITE WELLS AND SPRINGS										
OS-01 (converted to RD-68B in 1997)	OS	288	Unknown	Unknown	10 ---	0 - 52 ---	Unknown	 Open Hole	1310.34	Unknown
OS-02	OS	700	Unknown	Unknown	10 ---	0 - 17 ---	0 - 17	 Open Hole	1237.01	03/18/59
OS-03	OS	100	Drilled with cable tools		8-1/4 ---	0 - 59 ---	0 - 30	30 - 60 Open Hole	1298.15	06/12/50
OS-04	OS	Well Construction Data Unresolved or Not Available							1334.00	
OS-05	OS	Well Construction Data Unresolved or Not Available								
OS-08(S)	OS									
OS-09	OS	Well Construction Data Unresolved or Not Available								
OS-10	OS	600	18 12	0 - 10 10 - 600	12-1/8 ---	0 - 10 ---	0 - 10	 Open Hole	1016.97	12/54
OS-12(S)	OS									
OS-13(S)	OS									
OS-15	OS	218	Drilled with cable tools		8-1/4 ---	0 - 40 ---	0 - 40	 Open Hole	1404.86	08/27/60

TABLE A-1
WELL CONSTRUCTION DATA
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well Identifier	Area No.	Effective Borehole Depth (feet)	Borehole		Casing		Sealed Interval (feet)	Perforated Interval (feet)	Measuring Point Elevation (ft MSL)	Date Drilling Completed
			Diameter (inches)	Interval (feet)	Inside Diameter (inches)	Interval (feet)				
OS-16	OS	Well Construction Data Unresolved or Not Available							1785.05	
OS-17	OS	475	Drilled with cable tools		--- ---	0 - 25 ---		Open Hole	1564.07	04/64
OS-21	OS	Well Construction Data Unresolved or Not Available							1900.39	
OS-24	OS	515	10 6	0 - 40 40 - 515	6-1/4 ---	0 - 40 ---	0 - 40	Open Hole	1947.30	12/02/87
OS-25	OS	515	10 6	0 - 36 36 - 515	6-1/4 ---	0 - 36 ---	0 - 36	Open Hole	2043.58	12/10/87
OS-26	OS	515	10 6	0 - 40 40 - 515	6-1/4 ---	0 - 40 ---	0 - 40	Open Hole	2080.58	11/16/87
OS-27	OS	477	10-1/4 6-1/8	0 - 30 30 - 477	10 6	0 - 5.5 0 - 30	0 - 30	Open Hole	2043.90	05/16/95
OS-28	OS	245	10	0 - 245	6	0 - 242	0 - 182	182 - 242		04/25/95

es and Abbreviations:

1. easured in feet below land surface.
3. (---) = No casing installed over the borehole interval specified; open hole.
4. (v) = Top of well below land surface, installed inside zero-grade vault.
5. S = Seep; construction data not applicable.
6. UL-N = Undeveloped land in northern part of Facility.
7. UL-S = Undeveloped land in southern part of Facility.
8. OS = Off-site.

TABLE A-2a
CONSTRUCTION DETAILS OF PIEZOMETER MONITORING SYSTEMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

PIEZOMETER ID	LOCATION					PIEZOMETER DESIGN DETAILS						
	Area	SWMU	Northing	Easting	MP Elevation	Date Drilled	Total Depth	Screened Interval	Sand Interval	Bentonite Interval	Grout Interval	Concrete Interval
			[feet]	[feet]	[feet]	[m/d/y]	[feet bgs]	[feet bgs]	[feet bgs]	[feet bgs]	[feet bgs]	[feet bgs]
PZ-001A	II	RD-9 Area	268546.6	1789711.3	1768.50	10/31/2000	N/A	5.75-6.25	5-7	2-5	N/A	0-2
PZ-001B	II	RD-9 Area	268546.6	1789711.3	1768.50	10/31/2000	N/A	17.75-18.25	17-19	7-17	N/A	N/A
PZ-001C	II	RD-9 Area	268546.6	1789711.3	1768.50	10/31/2000	N/A	29.75-30.25	29-31	19-29	N/A	N/A
PZ-001D	II	RD-9 Area	268546.6	1789711.3	1768.50	10/31/2000	N/A	38.25-38.75	37.5-39.2	31-37.5	N/A	N/A
PZ-001E	II	RD-9 Area	268546.6	1789711.3	1768.50	10/31/2000	N/A	51.75-52.25	51-53	39.2-51	N/A	N/A
PZ-001F	II	RD-9 Area	268546.6	1789711.3	1768.50	10/31/2000	58.0	57.75-58.25	56.8-60	53-56.8	N/A	N/A
PZ-002A	I	CTL-III N	265543.1	1792828.1	1780.25	11/1/2000	N/A	5.75-6.25	5-7	2-5	N/A	0-2
PZ-002B	I	CTL-III N	265543.1	1792828.1	1780.25	11/1/2000	N/A	14.75-15.25	14-16	7-14	N/A	N/A
PZ-002C	I	CTL-III N	265543.1	1792828.1	1780.25	11/1/2000	N/A	26.75-27.25	26-28	16-26	N/A	N/A
PZ-002D	I	CTL-III N	265543.1	1792828.1	1780.25	11/1/2000	N/A	36.75-37.25	36-38	28-36	N/A	N/A
PZ-002E	I	CTL-III N	265543.1	1792828.1	1780.25	11/1/2000	N/A	51.75-52.25	51-53	38-51	N/A	N/A
PZ-002F	I	CTL-III N	265543.1	1792828.1	1780.25	11/1/2000	N/A	64.75-65.25	64-66	53-64	N/A	N/A
PZ-002G	I	CTL-III N	265543.1	1792828.1	1780.25	11/1/2000	82.0	79 [a]	78-81	66-78	N/A	N/A
PZ-003	I	APTF	Destroyed 6/18/2010									
PZ-004A	II	Delta / PLF	264973.5	1787246.6	1716.00	12/13/2000	16.0	5-15	4-16	2-4	N/A	0-2
PZ-004B	II	Delta / PLF	264969.6	1787241.5	1715.89	12/13/2000	36.0	20-30	18-31.5	15-18	2-15	0-2
PZ-005	IV	Central Area IV	266634.9	1784877.3	1800.97	11/7/2000	45.0	15-25	11.5-26.5	8.5-11.5	2-8.5	0-2
PZ-006A	III	ECL	266669.3	1786868.4	1765.82	11/7/2000	N/A	5.75-6.25	5-7	2-5	N/A	0-2
PZ-006B	III	ECL	266669.3	1786868.4	1765.82	11/7/2000	N/A	13.75-14.25	13-15	7-13	N/A	N/A
PZ-006C	III	ECL	266669.3	1786868.4	1765.82	11/7/2000	N/A	17.75-18.25	17-19	15-17	N/A	N/A
PZ-006D	III	ECL	266669.3	1786868.4	1765.82	11/7/2000	N/A	23.75-24.25	23-25	19-23	N/A	N/A
PZ-006E	III	ECL	266669.3	1786868.4	1765.82	11/7/2000	36.5	34.75-35.25	34-36.5	25-34	N/A	N/A
PZ-007A	II	RD-9 Area	268474.7	1789593.8	1771.84	11/7/2000	N/A	5.75-6.25	5-7	2-5	N/A	0-2
PZ-007B	II	RD-9 Area	268474.7	1789593.8	1771.84	11/7/2000	N/A	10.75-11.25	10-12	7-10	N/A	N/A
PZ-007C	II	RD-9 Area	268474.7	1789593.8	1771.84	11/7/2000	N/A	15.75-16.25	15-17	12-15	N/A	N/A
PZ-007D	II	RD-9 Area	268474.7	1789593.8	1771.84	11/7/2000	N/A	24.75-25.25	24-26	17-24	N/A	N/A
PZ-007E	II	RD-9 Area	268474.7	1789593.8	1771.84	11/7/2000	N/A	30.75-31.25	30-32	26-30	N/A	N/A
PZ-007F	II	RD-9 Area	268474.7	1789593.8	1771.84	11/7/2000	N/A	35.75-36.25	35-37	32-35	N/A	N/A
PZ-007G	II	RD-9 Area	268474.7	1789593.8	1771.84	11/7/2000	46.0	45 [a]	42.6-46	37-42.6	N/A	N/A
PZ-008A	I	LETF / CTL-I	267305.5	1794332.0	1836.12	11/8/2000	N/A	8.75-9.25	8-10	5-8	2-5	0-2
PZ-008B	I	LETF / CTL-I	267305.5	1794332.0	1836.12	11/8/2000	N/A	19.75-20.25	19-21	10-19	N/A	N/A
PZ-008C	I	LETF / CTL-I	267305.5	1794332.0	1836.12	11/8/2000	N/A	31.75-32.25	31-33	21-31	N/A	N/A

TABLE A-2a
CONSTRUCTION DETAILS OF PIEZOMETER MONITORING SYSTEMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

PIEZOMETER ID	LOCATION					PIEZOMETER DESIGN DETAILS						
	Area	SWMU	Northing	Easting	MP Elevation	Date Drilled	Total Depth	Screened Interval	Sand Interval	Bentonite Interval	Grout Interval	Concrete Interval
			[feet]	[feet]	[feet]	[m/d/y]	[feet bgs]	[feet bgs]	[feet bgs]	[feet bgs]	[feet bgs]	[feet bgs]
PZ-008D	I	LETF / CTL-I	267305.5	1794332.0	1836.12	11/8/2000	N/A	39.75-40.25	39-41	33-39	N/A	N/A
PZ-008E	I	LETF / CTL-I	267305.5	1794332.0	1836.12	11/8/2000	N/A	46.75-47.25	46-48	41-46	N/A	N/A
PZ-008F	I	LETF / CTL-I	267305.5	1794332.0	1836.12	11/8/2000	N/A	62.75-63.25	61-64	48-61	N/A	N/A
PZ-008G	I	LETF / CTL-I	267305.5	1794332.0	1836.12	11/8/2000	72.0	70 [a]	69-71	64-69	N/A	N/A
PZ-009A	II	RD-9 Area	268649.2	1789768.5	1761.44	11/14/2000	N/A	5.75-6.25	5-7	2-5	N/A	0-2
PZ-009B	II	RD-9 Area	268649.2	1789768.5	1761.44	11/14/2000	N/A	10.75-11.25	10-12	7-10	N/A	N/A
PZ-009C	II	RD-9 Area	268649.2	1789768.5	1761.44	11/14/2000	N/A	18.25-18.75	17.5-19.5	12-17.5	N/A	N/A
PZ-009D	II	RD-9 Area	268649.2	1789768.5	1761.44	11/14/2000	N/A	22.75-23.25	22-24	19.5-22	N/A	N/A
PZ-009E	II	RD-9 Area	268649.2	1789768.5	1761.44	11/14/2000	N/A	30.25-30.75	29.5-31.5	24-29.5	N/A	N/A
PZ-009F	II	RD-9 Area	268649.2	1789768.5	1761.44	11/14/2000	36.0	34.75-35.25	34-36	31.5-34	N/A	N/A
PZ-010A	II	RD-9 Area	268595.8	1789646.3	1767.80	11/14/2000	N/A	7.75-8.25	7-9	5-7	2-5	0-2
PZ-010B	II	RD-9 Area	268595.8	1789646.3	1767.80	11/14/2000	N/A	13.75-14.25	13-15	9-13	N/A	N/A
PZ-010C	II	RD-9 Area	268595.8	1789646.3	1767.80	11/14/2000	N/A	19.75-20.25	19-21	15-19	N/A	N/A
PZ-010D	II	RD-9 Area	268595.8	1789646.3	1767.80	11/14/2000	N/A	25.75-26.25	22-27	21-25	N/A	N/A
PZ-010E	II	RD-9 Area	268595.8	1789646.3	1767.80	11/14/2000	N/A	29.75-30.25	29-31	27-29	N/A	N/A
PZ-010F	II	RD-9 Area	268595.8	1789646.3	1767.80	11/14/2000	N/A	38.25-38.75	36.5-39.5	31-36.5	N/A	N/A
PZ-010G	II	RD-9 Area	268595.8	1789646.3	1767.80	11/14/2000	45.0	43 [a]	42-44.5	39.5-42	N/A	N/A
PZ-011A	I	IEL	268086.1	1796133.0	1914.48	11/14/2000	N/A	15.75-16.25	15-17	12-15	2-12	0-2
PZ-011B	I	IEL	268086.1	1796133.0	1914.48	11/14/2000	N/A	24.75-25.25	24-26	17-24	N/A	N/A
PZ-011C	I	IEL	268086.1	1796133.0	1914.48	11/14/2000	N/A	30.75-31.25	30-32	26-30	N/A	N/A
PZ-011D	I	IEL	268086.1	1796133.0	1914.48	11/14/2000	N/A	40.75-41.25	39-42	32-39	N/A	N/A
PZ-011E	I	IEL	268086.1	1796133.0	1914.48	11/14/2000	N/A	46.25-46.75	44.5-47.5	42-44.5	N/A	N/A
PZ-011F	I	IEL	268086.1	1796133.0	1914.48	11/14/2000	N/A	51.25-51.75	50.5-52.5	47.5-50.5	N/A	N/A
PZ-011G	I	IEL	268086.1	1796133.0	1914.48	11/14/2000	58.0	56 [a]	55-58	52.5-55	N/A	N/A
PZ-012A	I	LETF S	266871.1	1794033.3	1827.69	11/16/2000	N/A	4.75-5.25	4-6	2-4	N/A	0-2
PZ-012B	I	LETF S	266871.1	1794033.3	1827.69	11/16/2000	N/A	10.75-11.25	10-12	6-10	N/A	N/A
PZ-012C	I	LETF S	266871.1	1794033.3	1827.69	11/16/2000	N/A	16.75-17.25	16-18	12-16	N/A	N/A
PZ-012D	I	LETF S	266871.1	1794033.3	1827.69	11/16/2000	N/A	21.25-21.75	20.5-22.5	18-20.5	N/A	N/A
PZ-012E	I	LETF S	266871.1	1794033.3	1827.69	11/16/2000	N/A	26.75-27.25	25-28	22.5-25	N/A	N/A
PZ-012F	I	LETF S	266871.1	1794033.3	1827.69	11/16/2000	37.0	34.75-35.25	34-37	28-34	N/A	N/A
PZ-013A	III	Comp A	266008.7	1786153.4	1739.89	11/17/2000	N/A	5.75-6.25	5-7	2-5	N/A	0-2
PZ-013B	III	Comp A	266008.7	1786153.4	1739.89	11/17/2000	N/A	14.75-15.25	13-16	7-13	N/A	N/A

TABLE A-2a
CONSTRUCTION DETAILS OF PIEZOMETER MONITORING SYSTEMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

PIEZOMETER ID	LOCATION					PIEZOMETER DESIGN DETAILS						
	Area	SWMU	Northing	Easting	MP Elevation	Date Drilled	Total Depth	Screened Interval	Sand Interval	Bentonite Interval	Grout Interval	Concrete Interval
			[feet]	[feet]	[feet]	[m/d/y]	[feet bgs]	[feet bgs]	[feet bgs]	[feet bgs]	[feet bgs]	[feet bgs]
PZ-013C	III	Comp A	266008.7	1786153.4	1739.89	11/17/2000	N/A	20.75-21.25	20-22	16-20	N/A	N/A
PZ-013D	III	Comp A	266008.7	1786153.4	1739.89	11/17/2000	N/A	28.75-29.25	27-30	22-27	N/A	N/A
PZ-013E	III	Comp A	266008.7	1786153.4	1739.89	11/17/2000	N/A	39.75-40.25	39-41	30-39	N/A	N/A
PZ-013F	III	Comp A	266008.7	1786153.4	1739.89	11/17/2000	56.4	53.75-54.25	53-56.4	41-53	N/A	N/A
PZ-014A	III	Comp A	265865.4	1786275.4	1728.12	11/18/2000	N/A	5.75-6.25	5-7	2-5	N/A	0-2
PZ-014B	III	Comp A	265865.4	1786275.4	1728.12	11/18/2000	N/A	13.25-14.75	13.5-15.5	7-13.5	N/A	N/A
PZ-014C	III	Comp A	265865.4	1786275.4	1728.12	11/18/2000	N/A	19.75-20.25	19-21	15.5-19	N/A	N/A
PZ-014D	III	Comp A	265865.4	1786275.4	1728.12	11/18/2000	N/A	29.25-29.75	28.5-30.5	21-28.5	N/A	N/A
PZ-014E	III	Comp A	265865.4	1786275.4	1728.12	11/18/2000	42.0	38.75-39.25	37.8-41	30.5-37.8	N/A	N/A
PZ-015A	III	STL-IV	265687.4	1785844.7	1740.56	11/19/2000	N/A	5.75-6.25	5-7	2-5	N/A	0-2
PZ-015B	III	STL-IV	265687.4	1785844.7	1740.56	11/19/2000	N/A	13.75-14.25	13-15	7-13	N/A	N/A
PZ-015C	III	STL-IV	265687.4	1785844.7	1740.56	11/19/2000	N/A	24.25-24.75	23.5-25.5	15-23.5	N/A	N/A
PZ-015D	III	STL-IV	265687.4	1785844.7	1740.56	11/19/2000	N/A	32.75-33.25	31-34	25.5-31	N/A	N/A
PZ-015E	III	STL-IV	265687.4	1785844.7	1740.56	11/19/2000	N/A	37.75-38.25	37-39	34-37	N/A	N/A
PZ-015F	III	STL-IV	265687.4	1785844.7	1740.56	11/19/2000	N/A	43.25-43.75	42.5-44.5	39-42.5	N/A	N/A
PZ-015G	III	STL-IV	265687.4	1785844.7	1740.56	11/19/2000	49.5	48 [a]	47-49.5	44.5-47	N/A	N/A
PZ-016A	I	Canyon	266960.8	1794388.2	1854.34	11/20/2000	N/A	8.75-9.25	8-10	5-8	2-5	0-2
PZ-016B	I	Canyon	266960.8	1794388.2	1854.34	11/20/2000	N/A	18.25-18.75	17.5-19.5	10-17.5	N/A	N/A
PZ-016C	I	Canyon	266960.8	1794388.2	1854.34	11/20/2000	N/A	25.75-26.25	24-27	19.5-24	N/A	N/A
PZ-016D	I	Canyon	266960.8	1794388.2	1854.34	11/20/2000	N/A	33.75-34.25	33-35	27-33	N/A	N/A
PZ-016E	I	Canyon	266960.8	1794388.2	1854.34	11/20/2000	N/A	44.25-44.75	42.5-45.5	35-42.5	N/A	N/A
PZ-016F	I	Canyon	266960.8	1794388.2	1854.34	11/20/2000	N/A	56.75-57.25	56-58	45.5-56	N/A	N/A
PZ-016G	I	Canyon	266960.8	1794388.2	1854.34	11/20/2000	68.0	64.5 [a]	63.5-68	58-63.5	N/A	N/A
PZ-017A	II	Coca	265169.9	1788794.1	1837.83	11/21/2000	18.0	7-17	6-18	4-6	2-4	0-2
PZ-017B	II	Coca	265168.4	1788789.1	1837.20	11/21/2000	31.0	20-30	18-31	15-18	2-15	0-2
PZ-018A	III	EEL	266278.3	1785963.5	1760.71	11/21/2000	N/A	5.75-6.25	5-7	2-5	N/A	0-2
PZ-018B	III	EEL	266278.3	1785963.5	1760.71	11/21/2000	N/A	11.25-11.75	10.5-12.5	7-10.5	N/A	N/A
PZ-018C	III	EEL	266278.3	1785963.5	1760.71	11/21/2000	N/A	15.75-16.25	15-17	12.5-15	N/A	N/A
PZ-018D	III	EEL	266278.3	1785963.5	1760.71	11/21/2000	N/A	19.75-20.25	19-20.8	17-19	N/A	N/A
PZ-018E	III	EEL	266278.3	1785963.5	1760.71	11/21/2000	26.0	24.75-25.25	22.5-25.5	20.8-22.5	N/A	N/A
PZ-019	II	RD-9 Area	268481.9	1789765.7	1776.77	11/29/2000	31.5	19-29	17-29.3	14-17	2-14	0-2
PZ-020	II	RD-9 Area	268428.3	1789492.8	1776.44	11/27/2000	31.5	19-29	17-29.5	14-17	2-14	0-2

TABLE A-2a
CONSTRUCTION DETAILS OF PIEZOMETER MONITORING SYSTEMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

PIEZOMETER ID	LOCATION					PIEZOMETER DESIGN DETAILS						
	Area	SWMU	Northing	Easting	MP Elevation	Date Drilled	Total Depth	Screened Interval	Sand Interval	Bentonite Interval	Grout Interval	Concrete Interval
			[feet]	[feet]	[feet]	[m/d/y]	[feet bgs]	[feet bgs]	[feet bgs]	[feet bgs]	[feet bgs]	[feet bgs]
PZ-021	II	RD-9 Area	268740.7	1789818.0	1759.26	11/27/2000	29.5	18-28	16-29.5	13-16	2-13	0-2
PZ-022	II	RD-9 Area	268636.1	1789594.0	1774.44	11/30/2000	29.5	19-29	17-29.5	14-17	2-14	0-2
PZ-023	III	ECL	266415.7	1786832.4	1758.96	11/30/2000	25.0	6-16	5-22	2-5	N/A	0-2
PZ-024	III	ECL	266485.1	1786749.6	1770.30	12/4/2000	25.0	14-24	12-24.5	9-12	2-9	0-2
PZ-025	III	ECL	266637.0	1786700.5	1780.27	12/4/2000	27.0	13-23	11-25.5	8-11	2-8	0-2
PZ-026	III	ECL	266453.2	1786996.3	1755.75	12/5/2000	24.2	14-24	12-24.2	9-12	2-9	0-2
PZ-027	III	ECL	266694.7	1786974.5	1773.06	12/5/2000	23.0	12-22	9.75-22.5	7-9.75	2-7	0-2
PZ-028	III	ECL	266445.3	1786539.9	1788.47	12/6/2000	44.0	25-35	20-35.5	17-20	2-17	0-2
PZ-029	III	EEL / Comp A	266350.5	1786105.8	1771.83	12/6/2000	31.0	19-29	17-31	14-17	2-14	0-2
PZ-030	III	EEL / Comp A	266264.1	1786177.7	1765.98	12/7/2000	32.5	17-27	12-32.5	9-12	2-9	0-2
PZ-031	III	EEL / Comp A	266198.9	1786234.0	1763.97	12/7/2000	30.0	13-23	9-24	6-9	2-6	0-2
PZ-032	III	Comp A	266044.9	1786345.0	1739.75	12/7/2000	22.0	10-20	5-22	2-5	N/A	0-2
PZ-033	III	Comp A	265757.3	1786439.6	1721.73	12/8/2000	29.0	11-21	9-22	6-9	2-6	0-2
PZ-034	III	Comp A	265907.5	1786529.6	1714.68	12/8/2000	12.0	5-12	4-12	2-4	N/A	0-2
PZ-035	III	Comp A	265633.6	1786446.9	1712.96	12/11/2000	24.0	10-20	7-22.3	5-7	2-5	0-2
PZ-036	III	STL-IV	265656.6	1785404.9	1759.07	12/11/2000	28.9	15-25	10-28.9	7-10	2-7	0-2
PZ-037	III	STL-IV	265410.3	1785632.1	1749.29	12/12/2000	28.5	18-28	15-28.5	12-15	2-12	0-2
PZ-038	III	Comp A	265905.6	1785847.4	1752.31	12/12/2000	32.0	17-27	14-31.5	11-14	2-11	0-2
PZ-039	III	STL-IV	265797.1	1785695.9	1753.97	12/13/2000	29.0	18-28	14-29	11-14	2-11	0-2
PZ-040	III	STL-IV	264963.2	1785695.2	1704.54	12/13/2000	31.5	16.5-26.5	11-27	8-11	2-8	0-2
PZ-041	IV	PDU	267315.8	1785662.0	1809.10	1/16/2001	29.6	19-29	17-29.6	14-17	2-14	0-2
PZ-042	II	Delta / PLF	265103.3	1787397.2	1729.25	12/13/2000	40.5	19.5-29.5	17-31	14-17	2-14	0-2
PZ-043	II	Coca Rd W	265377.0	1787987.3	1776.63	12/13/2000	45.0	30-40	25-41	22-25	2-22	0-2
PZ-044	II	Coca Rd W	Abandoned 4/10/01									
PZ-045	II	Coca	265228.7	1788459.0	1828.55	12/15/2000	45.0	30-40	28-43.5	25-28	2-25	0-2
PZ-046	II	Coca	265321.9	1788500.8	1826.87	12/18/2000	35.0	24-34	22-34.5	19-22	2-19	0-2
PZ-047	II	Coca	265152.5	1788645.8	1835.51	12/18/2000	40.4	26-36	23-40.4	20-23	2-20	0-2
PZ-048	II	Coca	265150.4	1788984.1	1847.11	12/19/2000	49.0	9-19	7-20	4-7	2-4	0-2
PZ-049	II	Alfa	267506.9	1790363.0	1884.75	12/19/2000	34.0	6-16	4-17	2-4	N/A	0-2
PZ-050	III	EEL	266207.4	1785733.7	1765.50	12/14/2000	24.0	6-16	4-17	2-4	N/A	0-2
PZ-051	IV	EEL	266485.8	1785857.0	1770.87	12/14/2000	27.0	5-15	3-16	2-3	N/A	0-2
PZ-052	IV	Eastern Area IV	266742.1	1786103.7	1790.72	12/15/2000	30.0	18.9-28.9	17-30	14-17	2-14	0-2

TABLE A-2a
CONSTRUCTION DETAILS OF PIEZOMETER MONITORING SYSTEMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

PIEZOMETER ID	LOCATION					PIEZOMETER DESIGN DETAILS						
	Area	SWMU	Northing	Easting	MP Elevation	Date Drilled	Total Depth	Screened Interval	Sand Interval	Bentonite Interval	Grout Interval	Concrete Interval
			[feet]	[feet]	[feet]	[m/d/y]	[feet bgs]	[feet bgs]	[feet bgs]	[feet bgs]	[feet bgs]	[feet bgs]
PZ-053	II	R-2 Pond	265235.0	1786682.0	1701.72	12/15/2000	29.0	16-26	11-29	8-11	2-8	0-2
PZ-054	II	R-2 Pond North	265476.9	1786676.9	1702.11	12/18/2000	28.0	5-15	3.8-16	2-4	N/A	0-2
PZ-055	IV	Eastern Area IV	267253.6	1787421.3	1818.40	1/2/2001	29.5	19-29	17-29.5	14-17	2-14	0-2
PZ-056	IV	OCY S	268068.7	1788028.0	1805.86	12/19/2000	28.0	17-27	13-28	10-13	2-10	0-2
PZ-057	III	SPA	267455.0	1788156.6	1812.19	12/19/2000	32.5	12-22	8-24	5-8	2-5	0-2
PZ-058	III	SPA	267430.1	1787892.5	1784.63	12/20/2000	16.0	5-15	4-15.5	2-4	N/A	0-2
PZ-059	II	Bravo	266997.0	1789649.2	1836.67	12/20/2000	24.0	12-22	8-24	5-8	2-5	0-2
PZ-060	II	Alfa	267465.3	1790039.2	1868.90	12/20/2000	49.0	38-48	36-49	33-36	2-33	0-2
PZ-061	II	Alfa	267329.7	1789461.4	1832.05	1/16/2001	25.0	5-15	4-17	2-4	N/A	0-2
PZ-062	I	LOX	268955.3	1792144.7	1716.57	1/3/2001	27.3	14-24	12-27.3	9-12	2-9	0-2
PZ-063	I	IEL	268679.9	1796093.9	1882.86	1/3/2001	50.0	36-46	34-50	31-34	2-31	0-2
PZ-064	I	IEL	268571.9	1796392.5	1912.20	1/8/2001	60.0	46-56	44-60	41-44	2-41	0-2
PZ-065	I	IEL	268197.0	1795785.4	1904.93	1/9/2001	45.0	29-39	27-40	24-27	2-24	0-2
PZ-066	I	IEL	268141.4	1795531.1	1897.19	1/9/2001	55.0	44-54	42-55	39-42	2-39	0-2
PZ-067A	I	B359	267889.7	1795614.1	1909.66	1/12/2001	40.0	28-38	26-40	23-26	2-23	0-2
PZ-067B	I	B359	267892.5	1795607.5	1909.06	1/15/2001	65.0	48-58	46-59	43-46	2-43	0-2
PZ-068	I	Area I Landfill Upper	267959.1	1795304.9	1894.02	1/17/2001	55.0	44-54	42-54.8	39-42	2-39	0-2
PZ-069	I	APTF	267826.0	1795001.2	1885.33	1/18/2001	49.8	39-49	37-49.8	34-37	2-34	0-2
PZ-070	II	Bravo	267188.8	1789392.0	1834.61	12/20/2001	43.0	13-23	11-24	8-11	2-8	0-2
PZ-071	II	SPA	267577.3	1788785.5	1817.94	12/21/2000	31.5	18-28	15-31	11.9-15	2-11.9	0-2
PZ-072	III	Silvernale	266807.7	1787590.8	1768.19	1/2/2001	20.0	8.5-18.5	6.5-19	2-6.5	N/A	0-2
PZ-073	UDL	ELV Drainage	269435.8	1788107.5	1760.54	1/3/2001	55.0	41-51	35-55	30.5-35	2-30.5	0-2
PZ-074	I	Happy Valley	266110.3	1796300.5	1772.73	1/8/2001	25.0	10-20	8.5-24	5-8.5	2-5	0-2
PZ-075	I	IEL	268540.9	1795877.3	1893.10	1/8/2001	45.0	33-43	27-45	24.5-27	2-24.5	0-2
PZ-076	I	CTL-III	264309.1	1792921.1	1767.09	1/9/2001	60.0	36-46	32-47	28-32	2-28	0-2
PZ-077	I	Perimeter Pond	264396.8	1792351.4	1753.42	1/10/2001	37.0	15-25	12-26	9-12	2-9	0-2
PZ-078	I	Perimeter Pond / CTL-III	264578.0	1792341.9	1755.77	1/11/2001	48.0	15-25	12-26	9.5-12	2-9.5	0-2
PZ-079	I	CTL-III	265305.8	1792641.4	1776.66	1/11/2001	35.0	15-25	12-26	9.4-12	2-9.4	0-2
PZ-080	I	R-1 Pond	266375.7	1793364.4	1813.15	1/16/2001	50.0	19-29	5-31	2-5	N/A	0-2
PZ-081	I	LETF / CTL-I	267450.6	1794405.9	1841.67	1/19/2001	49.0	38.5-48.5	36.5-49	33.5-36.5	2-33.5	0-2
PZ-082	I	R-1 Pond	265999.5	1793220.6	1798.08	1/17/2001	45.0	10-20	8-21	5-8	2-5	0-2
PZ-083	I	LETF / CTL-I	267256.1	1794099.0	1833.45	1/22/2001	50.0	20-30	18-31	15-18	2-15	0-2

TABLE A-2a
CONSTRUCTION DETAILS OF PIEZOMETER MONITORING SYSTEMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

PIEZOMETER ID	LOCATION					PIEZOMETER DESIGN DETAILS						
	Area	SWMU	Northing	Easting	MP Elevation	Date Drilled	Total Depth	Screened Interval	Sand Interval	Bentonite Interval	Grout Interval	Concrete Interval
			[feet]	[feet]	[feet]	[m/d/y]	[feet bgs]	[feet bgs]	[feet bgs]	[feet bgs]	[feet bgs]	[feet bgs]
PZ-084	I	Bowl	265902.5	1793977.1	1836.00	1/18/2001	33.0	21-31	17-33	13.5-17	2-13.5	0-2
PZ-085A	I	Bowl	265753.4	1793796.9	1816.79	1/23/2001	31.0	20-30	17-31	14-17	2-14	0-2
PZ-085B	I	Bowl	265754.9	1793803.5	1816.81	1/22/2001	60.0	37-47	34-48	31-34	2-31	0-2
PZ-086	I	LETF / CTL-I	267235.1	1794239.4	1833.44	1/18/2001	35.0	16-26	14-27	11-14	2-11	0-2
PZ-087A	I	Bowl	265919.9	1793555.7	1817.15	1/24/2001	22.5	11-21	7-22.5	4.5-7	2-4.5	0-2
PZ-087B	I	Bowl	265915.2	1793549.9	1816.23	1/23/2001	55.0	41.5-51.5	36-55	34-36	2-34	0-2
PZ-088	I	LETF / CTL-I	267598.6	1794688.4	1859.54	1/19/2001	45.0	32-42	27-43	24-27	2-24	0-2
PZ-089	I	APTF	267716.1	1794950.5	1876.64	1/22/2001	20.0	6-16	4.5-18	2-4.5	N/A	0-2
PZ-090	I	CTL-III N	265525.4	1792702.2	1780.01	1/12/2001	45.0	16-26	13-28	10-13	2-10	0-2
PZ-091	I	CTL-III N	265700.0	1792877.1	1788.84	1/15/2001	55.0	26-36	23.5-40	20-23.5	2-20	0-2
PZ-092	I	B359	Destroyed in 2004									
PZ-093	I	LETF S	266764.7	1793696.6	1821.79	1/23/2001	40.0	24.5-34.5	22-35	19-22	2-19	0-2
PZ-094	Offsite	Sage Ranch	269025.4	1795857.2	1857.76	1/25/2001	34.0	13-23	10-24	8-10	2-8	0-2
PZ-095	I	LOX	269117.2	1792686.5	1760.02	2/14/2001	37.5	14-24	11-26	8-11	2-8	0-2
PZ-096	II	Coca Rd W	265475.3	1787620.7	1766.30	4/21/2001	45.0	33.5-43.5	31-45	28-31	2-28	0-2
PZ-097	UDL	FSDF	267048.9	1783400.3	1761.87	10/15/2001	44.5	33-43	31-44.5	11.5-28	2-11.5	0-2
PZ-098	IV	FSDF	266788.9	1783488.8	1797.78	10/16/2001	37.5	24-34	21.5-37.5	19-21.5	2-19	0-2
PZ-099	IV	FSDF	Abandoned in place in 2006									
PZ-100	IV	FSDF	266078.3	1782962.2	1870.11	10/17/2001	16.5	5.67-15.67	4.67-16.5	2-4.67	N/A	0-2
PZ-101	IV	FSDF	266057.5	1783090.6	1869.71	10/17/2001	27	10-20	7-27	5-7	1.75-5	0-1.75
PZ-102	IV	Central Area IV	267080.8	1784684.4	1827.78	10/18/2001	59.2	48.5-59.2	45-59.2	43-45	2-43	0-2
PZ-103	IV	Central Area IV	266281.2	1784400.9	1815.93	10/22/2001	39	28.5-38.5	26-39	23.5-26	2-23.5	0-2
PZ-104	IV	Central Area IV	266270.2	1784924.2	1797.47	10/22/2001	38.5	18-28	16-30	13-16	2-13	0-2
PZ-105	IV	Central Area IV	265935.5	1784787.9	1803.87	10/23/2001	28	17-27	15-28	12-15	2-12	0-2
PZ-106	IV	EEL	266411.9	1785469.6	1784.17	10/23/2001	35	18-28	16-30.5	12.75-16	2-12.75	0-2
PZ-107	IV	Eastern Area IV	266876.4	1785822.0	1793.62	10/24/2001	11	5-10	4-11	2-4	N/A	0-2
PZ-108	IV	HMSA	268032.6	1785076.3	1763.01	10/24/2001	30	16-26	13-28.5	10-13	2-10	0-2
PZ-109	IV	Central Area IV	267332.4	1785248.2	1809.36	10/25/2001	36.5	25-35	22-36.5	19-22	2-19	0-2
PZ-110	IV	Eastern Area IV	267204.0	1786209.6	1818.90	10/25/2001	17.5	7-17	5-17.5	2-5	N/A	0-2
PZ-111	IV	Eastern Area IV	266948.4	1786433.9	1794.90	10/26/2001	20.0	7.5-17.5	5-20	N/A	N/A	N/A
PZ-112	IV	Eastern Area IV	267435.9	1786720.8	1829.14	10/26/2001	35.0	24-34	22-35	19-22	2-19	0-2
PZ-113	IV	Eastern Area IV	267682.9	1787367.8	1823.68	10/29/2001	15.0	7-15	5-15	2-5	N/A	0-2

TABLE A-2a
CONSTRUCTION DETAILS OF PIEZOMETER MONITORING SYSTEMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

PIEZOMETER ID	LOCATION					PIEZOMETER DESIGN DETAILS						
	Area	SWMU	Northing	Easting	MP Elevation	Date Drilled	Total Depth	Screened Interval	Sand Interval	Bentonite Interval	Grout Interval	Concrete Interval
			[feet]	[feet]	[feet]	[m/d/y]	[feet bgs]	[feet bgs]	[feet bgs]	[feet bgs]	[feet bgs]	[feet bgs]
PZ-114	IV	Old Con Yard S	268304.0	1787913.1	1818.19	10/30/2001	48.2	37-47	35-48.2	32-35	2-32	0-2
PZ-115	IV	Eastern Area IV	268006.8	1787536.5	1817.81	10/30/2001	40	25.5-37.5	25-40	22-25	2-22	0-2
PZ-116	UDL	RMHF	266501.1	1783693.0	1827.78	10/31/2001	34	22-32	20-34	17-20	2-17	0-2
PZ-117	I	Happy Valley	266712.9	1796184.6	1763.01	11/1/2001	25.5	14.5-24.5	12.5-25.5	9.5-12.5	2-9.5	0-2
PZ-118	I	B-1 Area	269389.4	1796988.7	1907.84	11/2/2001	30.0	19.5-29.5	16.5-30	13.5-16.5	2-13.5	0-2
PZ-119	Offsite	Sage Ranch	269025.4	1795863.3	1857.64	11/2/2001	44	33-43	30-44	27-30	2-27	0-2
PZ-120	IV	HMSA / SCTI	267230.1	1785009.7	1810.96	3/18/2003	26	15-25	12-26	9-12	2-9	0-2
PZ-121	IV	HMSA / SCTI	267491.6	1785120.7	1808.98	3/19/2003	33	15-25	12-28	8.4-12; 28-33	1.5-8.4	0-1.5
PZ-122	IV	HMSA / SCTI	267091.9	1785176.5	1810.80	3/19/2003	27.5	15.5-25.5	12-27.5	9-12	2-9	0-2
PZ-123	UDL	Happy Valley	264643.9	1797304.3	1610.81	3/20/2003	23.5	11.5-21.5	8.7-23.5	5.7-8.7	1-5.7	0-1
PZ-124	IV	B056 Landfill	267166.7	1784015.9	1764.11	3/21/2003	31	14.7-24.7	11.3-31	8.3-11.3	1-8.3	0-1
PZ-125	II	RD-9 Area	268357.1	1789379.4	1783.91	3/24/2003	41	23.5-33.5	20-34	16.5-20; 34-38	1.5-16.5	0-1
PZ-126	II	Coca	265095.8	1789222.8	1853.62	4/30/2003	21	10.5-21	7-20.5	1.5-7; 21-50	N/A	1-1.5
PZ-127	I	Canyon	266957.1	1794827.5	1877.19	4/24/2003	66	55.25-62.25	49-65.5	43-49	1-43	0-1

Notes:

The difference between the total depth and the bottom of the sand interval was filled with sloughed native material and/or bentonite.

[a] The screen for this port is perpendicular to the well casing and covers the open bottom end; therefore, the screened section is a discrete depth.

bgs - Below ground surface

MP - Measuring point

UDL - undeveloped land

TABLE A-2b
CONSTRUCTION DETAILS OF PIEZOMETER MONITORING SYSTEMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Northing (feet)	Easting (feet)	Surface Elevation (feet amsl)	TOC Elevation (feet amsl)	Depth to Screen Top (feet bgs)	Depth to Screen Bottom (feet bgs)	Total Depth (feet bgs)	Total Depth Drilled (feet bgs)	Borehole Diameter (inches)	Casing Diameter (inches)	Screen Material	Screen Slot Size (inches)	Casing Material	Filter Pack Grade	Filter Pack Top (feet bgs)	Filter Pack Bottom (feet bgs)	Drilling Method	Drill Company	Annular Seal Material	Annular Seal Top (feet bgs)	Annular Seal Bottom (feet bgs)	Wellhead Completion
PZ-128 (AKA CB-1)	269120.834	1792525.660	1754.77	1757.26	23.5	33.5	35	48	6	2	SCH40 PVC	0.02	SCH40 PVC	3	21	35	Mud Rotary with HQ Diamond Core Bit	Layne Drilling	95/5 Slurry Bentonite chips Bentonite chips	0 14 35	14 21 48	Monument
CB-02	269100.7558	1793006.813	1763.45	NA	No well constructed	NA	45	45	4	NA	NA	NA	NA	NA	NA	NA	Mud Rotary with HQ Diamond Core Bit	Layne Drilling	NA	NA	NA	NA	NA
PZ-129 (AKA CB-3)	268893.232	1792607.916	1738.59	1741.94	16.5	26.5	30	30.0	6	2	SCH40 PVC	0.02	SCH40 PVC	3	14	28	Mud Rotary with HQ Diamond Core Bit	Layne Drilling	95/5 Slurry Bentonite chips Bentonite chips	0 9 28	9 14 30	Monument
PZ-130 (AKA CB-4)	268858.769	1793080.154	1743.50	1746.66	14.5	24.5	26	35.0	6	2	SCH40 PVC	0.02	SCH40 PVC	3	12	26	Mud Rotary with HQ Diamond Core Bit	Layne Drilling	95/5 Slurry Bentonite chips Bentonite chips	0 7 26	7 12 35	Monument
PZ-131 (AKA CB-5)	268963.222	1792792.983	1756.93	1759.95	16.0	26.0	29	53.0	6	2	SCH40 PVC	0.02	SCH40 PVC	3	14	29	Mud Rotary with HQ Diamond Core Bit	Layne Drilling	95/5 Slurry Bentonite chips Bentonite chips	0 9 29	9 14 53	Monument
PZ-132	269137.994	1792682.780	1756.82	1758.38	32.0	42.0	44	55.0	8	2	SCH40 PVC	0.02	SCH40 PVC	3	29	44	Hollow Stem Auger/Water and Mud Rotary with CME and HQ Core	WDC	95/5 Slurry Bentonite chips # 60 Sand Bentonite chips	0 22 27 44	22 27 29 55	Monument
PZ-133	269142.764	1790568.969	1796.61	1798.48	40.0	60.0	62	71.0	8	2	SCH40 PVC	0.02	SCH40 PVC	3	37	62	Hollow Stem Auger/Water and Mud Rotary with CME and HQ Core	WDC	95/5 Slurry Bentonite chips # 60 Sand Bentonite chips	0 25 35 62	25 35 37 71	Monument
PZ-134	268976.178	1790784.314	1819.88	1821.59	67.0	77.0	79	90.5	8	2	SCH40 PVC	0.02	SCH40 PVC	3	64	79	Hollow Stem Auger/Water and Mud Rotary with CME and HQ Core	WDC	95/5 Slurry Bentonite chips # 60 Sand Bentonite chips	0 52 62 79	52 62 64 90.5	Monument
PZ-135	268968.144	1790929.463	1822.22	1823.84	77.0	87.0	89	96.0	8	2	SCH40 PVC	0.02	SCH40 PVC	3	74	89	Hollow Stem Auger/Water and Mud Rotary with CME and HQ Core	WDC	95/5 Slurry Bentonite chips # 60 Sand Bentonite chips	0 62 72 89	62 72 74 96	Monument
PZ-136	268814.105	1791130.672	1811.18	1812.90	65.0	75.0	77	85.5	8	2	SCH40 PVC	0.02	SCH40 PVC	3	62	77	Hollow Stem Auger/Water and Mud Rotary with CME and HQ Core	WDC	95/5 Slurry Bentonite chips # 60 Sand Bentonite chips	0 53 60 77	53 60 62 85.5	Monument

TABLE A-2b
CONSTRUCTION DETAILS OF PIEZOMETER MONITORING SYSTEMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Northing (feet)	Easting (feet)	Surface Elevation (feet amsl)	TOC Elevation (feet amsl)	Depth to Screen Top (feet bgs)	Depth to Screen Bottom (feet bgs)	Total Depth (feet bgs)	Total Depth Drilled (feet bgs)	Borehole Diameter (inches)	Casing Diameter (inches)	Screen Material	Screen Slot Size (inches)	Casing Material	Filter Pack Grade	Filter Pack Top (feet bgs)	Filter Pack Bottom (feet bgs)	Drilling Method	Drill Company	Annular Seal Material	Annular Seal Top (feet bgs)	Annular Seal Bottom (feet bgs)	Wellhead Completion
PZ-137	268806.051	1791316.071	1808.33	1810.13	67.0	77.0	79	85.0	8	2	SCH40 PVC	0.02	SCH40 PVC	3	64	79	Hollow Stem Auger/Water and Mud Rotary with CME and HQ Core	WDC	95/5 Slurry Bentonite chips # 60 Sand Bentonite chips	0 55 62 79	55 62 64 85	Monument
PZ-138	269235.701	1789494.590	1830.37	1829.85	22.0	32.0	34	45.7	8	2	SCH40 PVC	0.02	SCH40 PVC	3	20	34	Hollow Stem Auger/Water and Mud Rotary with CME and HQ Core	WDC	95/5 Slurry Bentonite chips # 60 Sand Bentonite chips	0 13 18 34	13 18 20 45.7	Flush-mount
PZ-139	269286.834	1789390.976	1829.62	1831.91	52.0	62.0	65	74.0	8	2	SCH40 PVC	0.02	SCH40 PVC	3	52	65	Hollow Stem Auger/Water and Mud Rotary with CME and HQ Core	WDC	95/5 Slurry Bentonite chips # 60 Sand Bentonite chips	0 45 48 65	45 48 50 74	Monument
PZ-140	269204.918	1789288.167	1833.15	1832.82	52.0	62.0	65	73.0	8	2	SCH40 PVC	0.02	SCH40 PVC	3	52	65	Hollow Stem Auger/Water and Mud Rotary with CME and HQ Core	WDC	95/5 Slurry Bentonite chips # 60 Sand Bentonite chips	0 45 48 65	45 48 50 74	Monument
PZ-141	269206.908	1788741.765	1857.14	1856.58	21.0	31.0	33	40.5	8	2	SCH40 PVC	0.02	SCH40 PVC	3	18	33	Hollow Stem Auger/Water and Mud Rotary with CME and HQ Core	WDC	95/5 Slurry Bentonite chips # 60 Sand Bentonite chips	0 11 16 33	11 16 18 40.5	Flush-mount
PZ-142	265317.261	1786823.055	1745.52	1748.17	28.0	38.0	38.5	52.0	8	2	SCH40 PVC	0.02	SCH40 PVC	3	23	39	Hollow Stem	WDC	Bentonite chips	13	23	Monument
PZ-143	269399.543	1788800.747	1847.72	1849.84	55.0	65.0	67	75.0	8	2	SCH40 PVC	0.02	SCH40 PVC	3	52	67	Hollow Stem Auger/Water and Mud Rotary with CME and HQ Core	WDC	95/5 Slurry Bentonite chips # 60 Sand Bentonite chips	0 45 50 67	45 50 52 75	Monument
PZ-144	269095.231	1788634.167	1859.63	1859.13	13.0	23.0	25	40.0	8	2	SCH40 PVC	0.02	SCH40 PVC	3	11	25	Hollow Stem Auger/Water and Mud Rotary with CME and HQ Core	WDC	95/5 Slurry Bentonite chips # 60 Sand Bentonite chips	0 7 10 25	7 10 11 40	Flush-mount
PZ-145	268857.992	1789810.694	1764.80	1766.87	20.0	30.0	32	40.0	8	2	SCH40 PVC	0.02	SCH40 PVC	3	17	32	Hollow Stem Auger/Water and Mud Rotary with CME and HQ Core	WDC	95/5 Slurry Bentonite chips # 60 Sand Bentonite chips	0 10 15 32	10 15 17 40	Monument

TABLE A-2b
CONSTRUCTION DETAILS OF PIEZOMETER MONITORING SYSTEMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Northing (feet)	Easting (feet)	Surface Elevation (feet amsl)	TOC Elevation (feet amsl)	Depth to Screen Top (feet bgs)	Depth to Screen Bottom (feet bgs)	Total Depth (feet bgs)	Total Depth Drilled (feet bgs)	Borehole Diameter (inches)	Casing Diameter (inches)	Screen Material	Screen Slot Size (inches)	Casing Material	Filter Pack Grade	Filter Pack Top (feet bgs)	Filter Pack Bottom (feet bgs)	Drilling Method	Drill Company	Annular Seal Material	Annular Seal Top (feet bgs)	Annular Seal Bottom (feet bgs)	Wellhead Completion
PZ-146	268265.857	1789233.939	1787.87	1789.82	12.0	22.0	24	37.5	8	2	SCH40 PVC	0.02	SCH40 PVC	3	10	24	Hollow Stem Auger/Water and Mud Rotary with CME and HQ Core	WDC	95/5 Slurry Bentonite chips # 60 Sand Bentonite chips	0 6 9 24	6 9 10 37.5	Monument
PZ-147	268144.179	1789214.871	1791.44	1791.24	27.0	37.0	39	50.0	8	2	SCH40 PVC	0.02	SCH40 PVC	3	24	39	Hollow Stem Auger/Water and Mud Rotary with CME and HQ Core	WDC	95/5 Slurry Bentonite chips # 60 Sand Bentonite chips	0 17 22 39	17 22 24 50	Flush-mount
PZ-148	268103.787	1789185.773	1791.23	1794.71	19.0	29.0	31	39.7	8	2	SCH40 PVC	0.02	SCH40 PVC	3	17	31	Hollow Stem Auger/Water and Mud Rotary with CME and HQ Core	WDC	95/5 Slurry Bentonite chips # 60 Sand Bentonite chips	0 10 15 31	10 15 17 39.7	Monument

Notes and Abbreviations:
* Northing and Easting Coordinates are in State Plane NAD 27, Zone 5, US Feet. Surveyed using hand-held GPS system.
amsl - above mean sea level
bgs - below ground surface
SCH - schedule
PVC - polyvinyl chloride
SST - stainless steel
TOC - top of casing

TABLE A-2c
CONSTRUCTION DETAILS OF PIEZOMETER MONITORING SYSTEMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Northing (feet)	Easting (feet)	Surface Elevation (feet amsl)	TOC Elevation (feet amsl)	Depth to Screen Top (feet bgs)	Depth to Screen Bottom (feet bgs)	Total Depth (feet bgs)	Total Depth Drilled (feet bgs)	Borehole Diameter (inches)	Casing Diameter (inches)	Screen Material	Screen Slot Size (inches)	Casing Material	Filter Pack Grade	Filter Pack Top (feet bgs)	Filter Pack Bottom (feet bgs)	Drilling Method	Driller	Annular Seal Material	Annular Seal Top (feet bgs)	Annular Seal Bottom (feet bgs)	Wellhead Completion
PZ-149	268980.544	1790277.591	1712.32	1715.19	26	36	36.5	47	8	2	SCH40 PVC	0.02	SCH40 PVC	#3	20	36.5	Hollow Stem Auger	WDC	Bentonite Chips	10	20	Monument
PZ-150	268281.654	1786086.776	1849.92	1852.23	17.5	27.5	27.5	27.5	10 5/8	4	SCH40 PVC	0.020	SCH40 PVC	#3	14.5	27.5	Air Rotary	WDC	Cement-Bentonite Grout	11	14.5	Monument
PZ-151	268743.1285	1787988.758	1860.4	1862.60	69.5	79.5	80	82	8	2	SCH40 PVC	0.02	SCH40 PVC	#3	64	80	CME-85 HAS/HQ w/carbide bit	WDC	Cement-Bentonite Grout Bentonite chips # 60 Sand Bentonite	2 52 62 80	52 62 64 82	Monument
PZ-152	268541.5223	1788231.608	1881.1	1880.80	26.1	36.1	36.6	47	8	2	SCH40 PVC	0.02	SCH40 PVC	#3	23	36.6	CME-85 HAS/HQ w/carbide bit	WDC	Cement-Bentonite Grout Bentonite chips # 60 Sand Bentonite	2 11 21 36.6	11 21 23 47	Flush-mount
PZ-153	267496.9893	1790701.028	1908.5	1908.10	55.0	64.9	65.4	70	8	2	SCH40 PVC	0.02	SCH40 PVC	#3	51	65.45	CME-85 HAS/HQ w/carbide bit	WDC	Cement-Bentonite Grout Bentonite chips # 60 Sand Bentonite	2 38 48 65.45	38 48 51 70	Flush-mount
PZ-154	267589.45	1790451.038	1899.9	1902.30	50.0	60.0	60.5	61	8	2	SCH40 PVC	0.02	SCH40 PVC	#3	46	61	CME-85 HAS/HQ w/carbide bit	WDC	Cement-Bentonite Grout Bentonite chips # 60 Sand	2 34 44	34 44 46	Monument
PZ-155	267068.2506	1789414.183	1829.7	1831.90	51.5	61.5	62.0	62	8	2	SCH40 PVC	0.02	SCH40 PVC	#3	46	62	CME-85 HAS/HQ w/carbide bit	WDC	Cement-Bentonite Grout Bentonite chips # 60 Sand	2 34 44	34 44 46	Monument
PZ-156	267141.728	1788999.05	1849.8	1849.40	104	114	116	140	8	2	SCH40 PVC	0.02	SCH40 PVC	#3	101	116	CME-85 HAS/HQ w/carbide bit	WDC	Cement-Bentonite Grout Bentonite chips # 60 Sand Bentonite	2 89 99 116	89 99 101 140	Flush-mount

TABLE A-2c
CONSTRUCTION DETAILS OF PIEZOMETER MONITORING SYSTEMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well ID	Northing (feet)	Easting (feet)	Surface Elevation (feet amsl)	TOC Elevation (feet amsl)	Depth to Screen Top (feet bgs)	Depth to Screen Bottom (feet bgs)	Total Depth (feet bgs)	Total Depth Drilled (feet bgs)	Borehole Diameter (inches)	Casing Diameter (inches)	Screen Material	Screen Slot Size (inches)	Casing Material	Filter Pack Grade	Filter Pack Top (feet bgs)	Filter Pack Bottom (feet bgs)	Drilling Method	Driller	Annular Seal Material	Annular Seal Top (feet bgs)	Annular Seal Bottom (feet bgs)	Wellhead Completion
PZ-157	267917.6295	1788242.536	1807.4	1809.80	22.3	32.3	32.8	45	8	2	SCH40 PVC	0.02	SCH40 PVC	#3	17	32.78	CME-85 HAS/HQ w/carbide bit	WDC	Cement-Bentonite Grout Bentonite chips # 60 Sand Bentonite	2 5 15 32.78	5 15 17 45	Monument
PZ-158	267307.2187	1788012.877	1795.4	1797.40	12.2	22.2	22.7	32	8	2	SCH40 PVC	0.02	SCH40 PVC	#3	7	22.74	CME-85 HAS/HQ w/carbide bit	WDC	Cement-Bentonite Grout Bentonite chips # 60 Sand Bentonite	2 3 6 22.74	3 6 7 32	Monument
PZ-159	267632.0562	1788806.35	1814.7	1814.20	8.8	18.8	23	41	8	2	SCH40 PVC	0.02	SCH40 PVC	#3	7	23	CME-85 HAS/HQ w/carbide bit	WDC	Cement-Bentonite Grout Bentonite chips # 60 Sand Bentonite	2 3 6 23	3 6 7 41	Flush-mount
PZ-160	268345.039	1786286.124	1849.14	1851.41	17.0	27.0	27	27	10 5/8	4	SCH40 PVC	0.020	SCH40 PVC	#3	14	27	Air Rotary	WDC	Cement-Bentonite Grout	1	14	Monument
PZ-161	268418.806	1786132.353	1850.00	1852.23	18	28	28	28	10 5/8	4	SCH40 PVC	0.020	SCH40 PVC	#3	15	28	Air Rotary	WDC	Cement-Bentonite Grout	1	15	Monument

Notes:
Northing and Easting Coordinates are in State Plane NAD 27, US Feet.
Abbreviations:
amsl - above mean sea level
bgs - below ground surface
SCH - schedule
PVC - polyvinyl chloride
TOC - top of casing
NM -not measured

TABLE A-3
CONSTRUCTION DETAILS OF FLUTe DISCRETE-INTERVAL MONITORING SYSTEMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well	RD-07		RD-21		RD-23		RD-31	
Date Liner Installed	04/29/02		01/14/03		01/20/03		01/25/01	
Date Liner Removed	NA		NA		NA		07/28/04	
Top of Casing Elevation (ft msl)	1812.82		1866.96		1838.19		1945.02	
Open-hole Depth to Water (ft btc)	87.03		90.3		236.15		116.32	
Hole Total Depth (ft btc)	299.55		175.3		443.2		178.5	
	Depth of Open Interval (ft btc)	Midpoint Monitoring Elevation (ft msl)	Depth of Open Interval (ft btc)	Midpoint Monitoring Elevation (ft msl)	Depth of Open Interval (ft btc)	Midpoint Monitoring Elevation (ft msl)	Depth of Open Interval (ft btc)	Midpoint Monitoring Elevation (ft msl)
Port 1	50 - 60	1757.82	85-95	1776.96	231-241	1602.19	48 - 58	1892.02
Port 2	70 - 80	1737.82	105-115	1756.96	251-261	1582.19	68 - 78	1872.02
Port 3	90 - 100	1717.82	125-135	1736.96	271-281	1562.19	88 - 98	1852.02
Port 4	110 - 120	1697.82	145-155	1716.96	291-301	1542.19	108 - 118	1832.02
Port 5	130 - 140	1677.82	165-175	1696.96	311-321	1522.19	128 - 138	1812.02
Port 6	150 - 160	1657.82	--	--	331-341	1502.19	148 - 158	1792.02
Port 7	170 - 180	1637.82	--	--	351-361	1482.19	168 - 178	1772.02
Port 8	190 - 200	1617.82	--	--	371-381	1462.19	--	--
Port 9	210 - 220	1597.82	--	--	391-396.5	1444.44	--	--
Port 10	230 - 240	1577.82	--	--	--	--	--	--
Port 11	250 - 260	1557.82	--	--	--	--	--	--
Port 12	270 - 280	1537.82	--	--	--	--	--	--
Port 13	290 - 299.55	1518.05	--	--	--	--	--	--
Port 14	--	--	--	--	--	--	--	--
Port 15	--	--	--	--	--	--	--	--

1. ft btc = Feet below top of casing.
2. ft msl = Feet above mean sea level.
3. NA = Not applicable
4. -- = No FLUTe port installed.
5. RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, and RD-72 have alternating open and blank intervals at 10-foot frequencies

TABLE A-3
CONSTRUCTION DETAILS OF FLUTe DISCRETE-INTERVAL MONITORING SYSTEMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well	RD-33A		RD-50		RD-54A		RD-57	
Date Liner Installed	01/09/03		01/15/03		01/07/03		09/11/02	
Date Liner Removed	NA		NA		NA		NA	
Top of Casing Elevation (ft msl)	1792.97		1914.88		1841.72		1774.15	
Open-hole Depth to Water (ft btc)	211.58		113.31		160.2		352.5	
Hole Total Depth (ft btc)	321.75		195.3		283.8		418.3	
	Depth of Open Interval (ft btc)	Midpoint Monitoring Elevation (ft msl)	Depth of Open Interval (ft btc)	Midpoint Monitoring Elevation (ft msl)	Depth of Open Interval (ft btc)	Midpoint Monitoring Elevation (ft msl)	Depth of Open Interval (ft btc)	Midpoint Monitoring Elevation (ft msl)
Port 1	211 - 221	1576.97	106-116	1803.88	150.5 - 160.5	1686.22	228 - 238	1541.15
Port 2	231 - 241	1556.97	126-136	1783.88	170.5 - 180.5	1666.22	248 - 258	1521.15
Port 3	251 - 261	1536.97	146-156	1763.88	190.5 - 200.5	1646.22	268 - 278	1501.15
Port 4	271 - 281	1516.97	166-176	1743.88	210.5 - 220.5	1626.22	288 - 298	1481.15
Port 5	291 - 301	1496.97	186-195.3	1724.23	230.5 - 240.5	1606.22	308 - 318	1461.15
Port 6	311 - 321	1476.97	--	--	250.5 - 260.5	1586.22	328 - 338	1441.15
Port 7	--	--	--	--	270.5 - 280.5	1566.22	348 - 358	1421.15
Port 8	--	--	--	--	--	--	368 - 378	1401.15
Port 9	--	--	--	--	--	--	388 - 398	1381.15
Port 10	--	--	--	--	--	--	408 - 418	1361.15
Port 11	--	--	--	--	--	--	--	--
Port 12	--	--	--	--	--	--	--	--
Port 13	--	--	--	--	--	--	--	--
Port 14	--	--	--	--	--	--	--	--
Port 15	--	--	--	--	--	--	--	--

1. ft btc = Feet below top of casing.
2. ft msl = Feet above mean sea level.
3. NA = Not applicable
4. -- = No FLUTe port installed.
5. RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, and RD-72 have alternating open and blank intervals at 10-foot frequencies

TABLE A-3
CONSTRUCTION DETAILS OF FLUTe DISCRETE-INTERVAL MONITORING SYSTEMS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Well	RD-64		RD-65		RD-72	
Date Liner Installed	04/17/02		10/29/02		04/02/01	
Date Liner Removed	NA		NA		NA	
Top of Casing Elevation (ft msl)	1857.04		1819.14		1907.25	
Open-hole Depth to Water (ft btc)	231.82		227		78.82	
Hole Total Depth (ft btc)	403.0		397		184	
	Depth of Open Interval (ft btc)	Midpoint Monitoring Elevation (ft msl)	Depth of Open Interval (ft btc)	Midpoint Monitoring Elevation (ft msl)	Depth of Open Interval (ft btc)	Midpoint Monitoring Elevation (ft msl)
Port 1	170.5 - 180.5	1681.54	167 - 177	1647.14	45 - 55	1857.25
Port 2	190.5 - 200.5	1661.54	187 - 197	1627.14	65 - 75	1837.25
Port 3	210.5 - 220.5	1641.54	207 - 217	1607.14	85 - 95	1817.25
Port 4	230.5 - 240.5	1621.54	227 - 237	1587.14	105 - 115	1797.25
Port 5	250.5 - 260.5	1601.54	247 - 257	1567.14	125 - 135	1777.25
Port 6	270.5 - 280.5	1581.54	267 - 277	1547.14	145 - 155	1757.25
Port 7	290.5 - 300.5	1561.54	287 - 297	1527.14	165 - 175	1737.25
Port 8	310.5 - 320.5	1541.54	307 - 317	1507.14	185 - 195	1717.25
Port 9	330.5 - 340.5	1521.54	327 - 337	1487.14	--	--
Port 10	350.5 - 360.5	1501.54	347 -357	1467.14	--	--
Port 11	370.5 - 380.5	1481.54	367 - 377	1447.14	--	--
Port 12	390.5 - 400.5	1461.54	387 - 397	1427.14	--	--
Port 13	--	--	--	--	--	--
Port 14	--	--	--	--	--	--
Port 15	--	--	--	--	--	--

1. ft btc = Feet below top of casing.
2. ft msl = Feet above mean sea level.
3. NA = Not applicable
4. -- = No FLUTe port installed.
5. RD-07, RD-21, RD-22, RD-23, RD-33A, RD-50, RD-54A, RD-57, RD-64, RD-65, and RD-72 have alternating open and blank intervals at 10-foot frequencies

TABLE A-4a
OS-09R Westbay Multilevel System As-Built Details
(Current Top-of-Casing Reference)

Depths Referenced to Final Top of Westbay MP Casing Piece Number 82; Elevation = 1018.07 ft msl +/- 0.1 ft
Top of this piece is approximately 0.75 ft above former top of 6"diameter conductor casing used as ground surface reference.
(The conductor casing was later extended 7")

Zone	Zone Depth Interval (feet btc)	Zone Length (feet)	Westbay MP Casing Number	Packer Number	Packer Sealed Depth Interval (feet btc)	Magnetic Collar Depth (feet btc)	Pumping Port Depth (feet btc)	Measurement Port Depth (feet btc)	Measurement Port Elevation +/- 0.1 ft (feet msl)
1	30.75 - 41.88	11.1	81 - 77 76	18	41.88 - 44.88	38.3	40.9	35.9	982.19
2	44.88 - 53.91	9.0	75 - 74 73	17	53.91 - 56.91	48.4	50.9	45.9	972.16
QA-1	56.91 - 61.95	5.0	72 - 71 70	16	61.95 - 64.95			57.9	960.14
3	64.95 - 89.97	25.0	69 - 65 64	15	89.97 - 92.97	81.4	84.0	79.0	939.11
QA-2	92.97 - 96.98	4.0	63 62	14	96.98 - 99.98			94.0	924.10
4	99.98 - 129.00	29.0	61 - 58 57	13	129.00 - 132.00	125.4	128.0	123.0	895.08
5	132.00 - 147.01	15.0	56 - 53 52	12	147.01 - 150.01	143.4	146.0	141.0	877.07
6	150.01 - 175.03	25.0	51 - 47 46	11	175.03 - 178.03	166.4	169.0	164.0	854.05
7	178.03 - 201.04	23.0	45 - 40 39	10	201.04 - 204.04	192.4	195.0	190.0	828.06
8	204.04 - 218.07	14.0	38 - 36 35	9	218.07 - 221.07	214.4	217.1	212.1	806.02
9	221.07 - 245.08	24.0	34 - 31 30	8	245.08 - 248.08	236.5	239.1	234.1	783.99
QA-3	248.08 - 252.09	4.0	29 28	7	252.09 - 255.09			249.1	768.99
10	255.09 - 277.10	22.0	27 - 25 24	6	277.10 - 280.10	268.5	271.1	266.1	751.98
11	280.10 - 292.13	12.0	23 - 22 21	5	292.13 - 295.13	288.6	291.1	286.1	731.95
12	295.13 - 307.13	12.0	20 - 19 18	4	307.13 - 310.13	303.5	306.1	301.1	716.94
13	310.13 - 337.17	27.0	17 - 14 13	3	337.17 - 340.17	328.6	331.2	326.2	691.91
14	340.17 - 357.18	17.0	12 - 10 9	2	357.18 - 360.18	348.6	351.2	346.2	671.90
15	360.18 - 377.19	17.0	8 - 6 5	1	377.19 - 380.19	368.6	371.2	366.2	651.89
16	380.19 - 408.75	28.6	4 - 1			393.6	396.2	391.2	626.87

TABLE A-4b
RD-31 Westbay Multilevel System As-Built Details
(Current Top-of-Casing Reference)

All depths are with respect to the top of the 8.25-inch conductor casing after wellhead reconstruction; Elevation = 1944.55 feet msl (0.47 feet of the conductor casing was removed during wellhead reconstruction that followed the Westbay system installation)

Port	Port Depth Interval (feet btc)	Port Interval Length (feet)	Westbay MP Casing Number	Packer Number	Packer Sealed Depth Interval (feet btc)	Magnetic Collar Depth (feet btc)	Pumping Port Depth[1] (feet btc)	Measurement Port Depth[2] (feet btc)	Measurement Port Elevation[2] +/- 0.1 ft (feet msl)
Conductor Casing	0-29.5	--	106-100					--	--
QA-01	29.5-182.5[3]	153[3]	99-85 84	33	182.5-185.5			171.6	*1772.9*
Port 01	185.5-200.5	15	83-80 79	32	200.5-203.5	188.7	199.6	186.6	*1757.9*
Port 02	203.5-218.5	15	78-75 74	31	218.5-221.5	206.7	217.6	204.6	*1739.9*
QA-02	221.5-228.5	7	73 72	30	228.5-231.5			222.6	*1721.9*
Port 03	231.5-242.5	11	70-71 69	29	242.5-245.5	234.7	241.6	232.6	*1711.9*
QA-03	245.5-248.5	3	68 67	28	248.5-251.5			246.6	*1697.9*
Port 04	251.5-264.5	13	66-64 63	27	264.5-267.5	254.7	263.6	252.6	*1691.9*
QA-04	267.5-271.5	4	62 61	26	271.5-274.5			268.6	*1675.9*
QA-05	274.5-278.5	4	60 59	25	278.5-281.5			275.6	*1668.9*
Port 05	281.5-289.5	8	58-57 56	24	289.5-292.5	284.7	288.6	282.6	*1661.9*
QA-06	292.5-294.5	2	 55	23	294.5-297.5			293.6	*1650.9*
QA-07	297.5-304.5	7	54 53	22	304.5-307.5			298.6	*1645.9*
QA-08	307.5-309.5	2	 52	21	309.5-312.5			308.6	*1635.9*
QA-09	312.5-319.5	7	51 50	20	319.5-322.5			313.6	*1630.9*
Port 06	322.5-335.5	13	49-47 46	19	335.5-338.5	325.7	334.6	323.6	*1620.9*
QA-10	338.5-350.5	12	45 44	18	350.5-353.5			339.6	*1604.9*
QA-11	353.5-357.5	4	43 42	17	357.5-360.5			354.6	*1589.9*
QA-12	360.5-369.5	9	41-40 39	16	369.5-372.5			361.6	*1582.9*
Port 07	372.5-386.5	14	38-36 35	15	386.5-389.5	375.7	385.6	373.6	*1570.9*
QA-13	389.5-392.5	3	34 33	14	392.5-395.5			390.6	*1553.9*
Port 08	395.5-404.5	9	32-31 30	13	404.5-407.5	398.7	403.6	396.6	*1547.9*
QA-14	407.5-418.5	11	29-28 27	12	418.5-421.5			408.6	*1535.9*
QA-15	421.5-428.5	7	26 25	11	428.5-431.5			422.6	*1521.9*
QA-16	431.5-440.5	9	24-23 22	10	440.5-443.5			432.6	*1511.9*

TABLE A-4b
RD-31 Westbay Multilevel System As-Built Details
(Current Top-of-Casing Reference)

Port	Port Depth Interval (feet btc)	Port Interval Length (feet)	Westbay MP Casing Number	Packer Number	Packer Sealed Depth Interval (feet btc)	Magnetic Collar Depth (feet btc)	Pumping Port Depth[1] (feet btc)	Measurement Port Depth[2] (feet btc)	Measurement Port Elevation[2] +/- 0.1 ft (feet msl)
Port 09	443.5-455.5	12	21 20	9	455.5-458.5	446.7	454.6	444.6	*1499.9*
QA-17	458.5-462.5	4	19 18	8	462.5-465.5			459.6	*1484.9*
Port 10	465.5-475.5	10	17-16 15	7	475.5-478.5	468.7	474.6	466.6	*1477.9*
QA-18	478.5-482.5	4	14 13	6	482.5-485.5			479.6	*1464.9*
QA-19	485.5-490.5	5	12-11 10	5	490.5-493.5			486.6	*1457.9*
QA-20	493.5-496.5	3	9 8	4	496.5-499.5			494.6	*1449.9*
Port 11	499.5-506.5	7	7 6	3	506.5-509.5	502.7	505.6	500.6	*1443.9*
QA-21	509.5-515.5	6	5 4	2	515.5-518.5			510.6	*1433.9*
QA-22	518.5-520.5	2	 3	1	520.5-523.5			519.6	*1424.9*
Port 12	523.5-536.5	13	2-1			526.7	528.6	524.6	*1419.9*

NOTES

- Corehole total depth = 541.5 feet btc
- Corehole depth measured at time of Westbay system installation = 536.5 feet btc
- Bottom of Westbay system casing = 532.4 feet btc

btc = below top of casing
ft msl = feet above mean sea level
-- = no measurement port located within interval

[1] Depths are to the center of the pumping port screen
[2] Depths and elevations are to the center of the measurement port opening
[3] Interval is open to surface, but open to formation only from the bottom of the 8.25-inch conductor casing to the top of packer number 33.

Appendix B Precipitation and Seeps in Vicinity of WS-09A

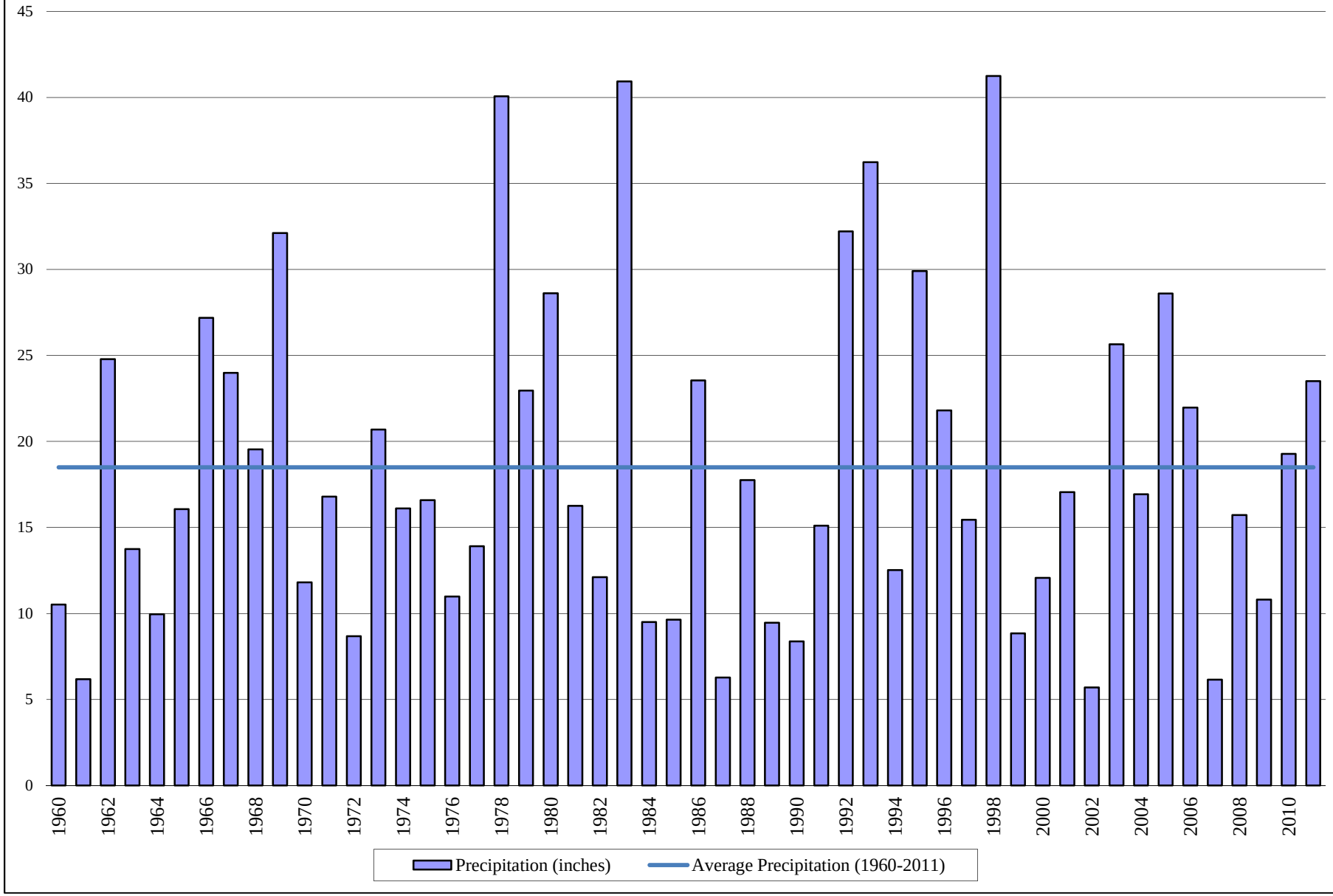
TABLE B-1
SUMMARY OF ANNUAL RAINFALL
MEASURED AT THE SANTA SUSANA FIELD LABORATORY, 1960-2011
BOEING SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Water Year Ending in	Precipitation (inches)	Water Year Ending in	Precipitation (inches)
1960	10.52	1986	23.55
1961	6.18	1987	6.27
1962	24.79	1988	17.75
1963	13.74	1989	9.46
1964	9.96	1990	8.38
1965	16.06	1991	15.10
1966	27.18	1992	32.21
1967	23.99	1993	36.23
1968	19.54	1994	12.52
1969	32.11	1995	29.91
1970	11.81	1996	21.81
1971	16.79	1997	15.44
1972	8.68	1998	41.24
1973	20.69	1999	8.84
1974	16.11	2000	12.07
1975	16.58	2001	17.05
1976	10.99	2002	5.70
1977	13.91	2003	25.65
1978	40.06	2004	16.93
1979	22.96	2005	28.60
1980	28.61	2006	21.97
1981	16.25	2007	6.15
1982	12.11	2008	15.72
1983	40.93	2009	10.80
1984	9.50	2010	19.28
1985	9.64	2011	23.51
Average Annual Precipitation (1960-2010) = 18.50 Inches			

NOTE

Precipitation reported annually for the period of October of the prior year through September of the calendar year indicated.

Figure B-1
Annual Precipitation at the SSFL, 1960 through 2011



HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

La Jolla Gateway
9171 Towne Centre Drive, Suite 375
San Diego, CA 92122
Phone: 858.455.6500
Fax: 858.455.6533

April 6, 2011

ELECTRONIC MAIL

Ms. Deborah Taege
THE BOEING COMPANY
Santa Susana Field Laboratory
5800 Woolsey Canyon Road
Canoga Park, CA 91304

Re: Status Report January through March 2011 –
Springs in Vicinity of WS-9A, Santa Susana Field Laboratory, Ventura County, California

Dear Ms. Taege,

This letter reports the status of Boeing's recent activity at the subject springs from January 1 through March 31, 2011. Additional details have been discussed in prior reports.

Boeing continued weekly inspections of the springs from January 1 through March 31. During this period, a total of 4,475 gallons was pumped from FDP-881, 6,600 gallons from FDP-882, and 125 gallons from FDP-890.

In an effort to minimize flow from the springs Boeing extracted groundwater throughout the reporting period. A total of 743,107 gallons of water was extracted from WS-9A during the period, with more than 2,036,731 gallons having been extracted since October 26, 2009. The extracted groundwater was treated at the GET system and discharged to Outfall 19.

Sincerely,

HARGIS + ASSOCIATES, INC.

Christopher Liles, P.E.
Senior Engineer

CML/gll

1050 ltr taege02.gll

Other Offices:
Mesa, AZ
Tucson, AZ

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

La Jolla Gateway
9171 Towne Centre Drive, Suite 375
San Diego, CA 92122
Phone: 858.455.6500
Fax: 858.455.6533

July 6, 2011

ELECTRONIC MAIL

Ms. Deborah Taege
THE BOEING COMPANY
Santa Susana Field Laboratory
5800 Woolsey Canyon Road
Canoga Park, CA 91304

Re: Status Report April through June 2011 –
Springs in Vicinity of WS-9A, Santa Susana Field Laboratory, Ventura County, California

Dear Ms. Taege,

This letter reports the status of Boeing's recent activity at the subject springs from April 1 through June 30, 2011. Additional details have been discussed in prior reports.

Boeing continued weekly inspections of the springs from April 1 through June 30. During this period, a total of 5,250 gallons was pumped from FDP-881, 9,250 gallons from FDP-882, and 3,700 gallons from FDP-890.

In an effort to minimize flow from the springs Boeing extracted groundwater throughout the reporting period. A total of 1,319,956 gallons of water was extracted from WS-9A during the period, with more than 3,356,687 gallons having been extracted since October 26, 2009. The extracted groundwater was treated at the GET system and discharged to Outfall 19.

Sincerely,

HARGIS + ASSOCIATES, INC.

Christopher Liles, P.E.
Senior Engineer

CML/gll

1050 ltr taege03.doc

Other Offices:
Mesa, AZ
Tucson, AZ

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

La Jolla Gateway
9171 Towne Centre Drive, Suite 375
San Diego, CA 92122
Phone: 858.455.6500
Fax: 858.455.6533

October 17, 2011

VIA EMAIL

Ms. Deborah Taege
THE BOEING COMPANY
Santa Susana Field Laboratory
5800 Woolsey Canyon Road
Canoga Park, CA 91304

Re: Status Report July through September 2011 –
Springs in Vicinity of WS-9A, Santa Susana Field Laboratory, Ventura County, California

Dear Ms. Taege,

This letter reports the status of Boeing's recent activity at the subject springs from July 1 through September 30, 2011. Additional details have been discussed in prior reports.

Boeing continued weekly inspections of the springs from July 1 through September 30. During this period, a total of 2,945 gallons was pumped from FDP-881; 2,740 gallons from FDP-882; and 675 gallons from FDP-890.

In an effort to minimize flow from the springs, Boeing extracted groundwater throughout the reporting period. A total of 1,208,738 gallons of water was extracted from WS-9A during the period, with more than 4,592,069 gallons having been extracted since October 26, 2009. The extracted groundwater was treated at the GET system and discharged to Outfall 19.

Sincerely,

HARGIS + ASSOCIATES, INC.

Christopher Liles, PE
Senior Engineer

CML/djr

1050_RptLtr04_StatusRpt_Jul-Sep11.doc

Other Offices:
Mesa, AZ
Tucson, AZ

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

La Jolla Gateway
9171 Towne Centre Drive, Suite 375
San Diego, CA 92122
Phone: 858.455.6500
Fax: 858.455.6533

January 26, 2012

VIA EMAIL

Ms. Deborah Taege
THE BOEING COMPANY
Santa Susana Field Laboratory
5800 Woolsey Canyon Road
Canoga Park, CA 91304

Re: Status Report October through December 2011 –
Springs in Vicinity of WS-9A, Santa Susana Field Laboratory, Ventura County, California

Dear Ms. Taege,

This letter reports the status of Boeing's recent activity at the subject springs from October 1 through December 31, 2011. Additional details have been discussed in prior reports.

Boeing continued weekly inspections of the springs from October 1 through December 31. During this period, a total of 0 gallons was pumped from FDP-881, 290 gallons from FDP-882, and 0 gallons from FDP-890.

In an effort to minimize flow from the springs, Boeing extracted groundwater throughout the reporting period. A total of 799,123 gallons of water was extracted from WS-9A during the period, with more than 5,391,192 gallons having been extracted since October 26, 2009. The extracted groundwater was treated at the GET system and discharged to Outfall 19.

Sincerely,

HARGIS + ASSOCIATES, INC.

Christopher Liles, PE
Senior Engineer

CML/djr

1050_Status Rpt_Oct thru Dec 2011.doc

Other Offices:
Mesa, AZ
Tucson, AZ

Appendix C
Water Level Hydrographs

APPENDIX C
WATER LEVEL HYDROGRAPHS

LIST OF HYDROGRAPHS

Shallow Wells

ES-01	ES-02	ES-03	ES-04	ES-05	ES-06	ES-07	ES-08	ES-09	ES-10
ES-11	ES-12	ES-13	ES-14	ES-15	ES-16	ES-17	ES-18	ES-19	ES-20
ES-21	ES-22	ES-23	ES-24	ES-25	ES-26	ES-27	ES-28	ES-29	ES-30
ES-31	ES-32	HAR-02	HAR-03	HAR-04	HAR-09	HAR-11	HAR-12	HAR-13	HAR-14
HAR-15	HAR-27	HAR-28	HAR-29	HAR-30	HAR-31	HAR-32	HAR-33	HAR-34	PZ-003
PZ-035	PZ-059	PZ-060	PZ-070	PZ-089	RS-01	RS-02	RS-03	RS-04	RS-05
RS-06	RS-07	RS-08	RS-09	RS-10	RS-11	RS-12	RS-13	RS-14	RS-15
RS-16	RS-17	RS-18	RS-19	RS-20	RS-21	RS-22	RS-23	RS-24	RS-25
RS-27	RS-28	RS-29	RS-30	RS-31	RS-32	RS-54	SH-01	SH-02	SH-03
SH-04	SH-05	SH-06	SH-07	SH-08	SH-09	SH-10			
SH-11									

Chatsworth Formation Wells

HAR-01	HAR-05	HAR-06	HAR-07	HAR-08	HAR-16	HAR-17	HAR-18	HAR-19	HAR-20
HAR-21	HAR-22	HAR-23	HAR-24	HAR-25	HAR-26	OS-24	OS-25	OS-26	PZ-074
PZ-076	PZ-077	PZ-078	PZ-095	PZ-097	PZ-123	PZ-124	RD-01	RD-02	RD-03
RD-04	RD-05A	RD-05B	RD-05C	RD-06	RD-07	RD-08	RD-09	RD-10	RD-11
RD-12	RD-13	RD-14	RD-15	RD-16	RD-17	RD-18	RD-19	RD-20	RD-21
RD-22	RD-23	RD-24	RD-25	RD-26	RD-27	RD-28	RD-29	RD-30	RD-31
RD-32	RD-33A	RD-33B	RD-33C	RD-34A	RD-34B	RD-34C	RD-35A	RD-35B	RD-36A
RD-36B	RD-36C	RD-36D	RD-37	RD-38A	RD-38B	RD-39A	RD-39B	RD-40	RD-41A
RD-41B	RD-41C	RD-42	RD-43A	RD-43B	RD-43C	RD-44	RD-45A	RD-45B	RD-45C
RD-46A	RD-46B	RD-47	RD-48A	RD-48B	RD-48C	RD-49A	RD-49B	RD-49C	RD-50
RD-51A	RD-51B	RD-51C	RD-52A	RD-52B	RD-52C	RD-53	RD-54A	RD-54B	RD-54C
RD-55A	RD-55B	RD-56A	RD-56B	RD-57	RD-58A	RD-58B	RD-58C	RD-59A	RD-59B
RD-59C	RD-60	RD-61	RD-62	RD-63	RD-64	RD-65	RD-66	RD-67	RD-68A
RD-68B	RD-69	RD-70	RD-71	RD-72	RD-73	RD-74	RD-75	RD-76	RD-77
RD-78	RD-80	RD-81	RD-82	RD-83	RD-84	RD-85	RD-86	RD-87	RD-88
RD-89	RD-90	RD-91	RD-92	RD-93	RD-94	RD-95	RD-96	RD-97	RD-98
WS-04A	WS-05	WS-06	WS-07	WS-08	WS-09	WS-09A	WS-09B	WS-11	WS-12
WS-13	WS-14	WS-SP							

FLUTe System Wells

RD-21	RD-22	RD-23	RD-33A	RD-50	RD-54A	RD-57	RD-64	RD-65	RD-72

Westbay System Wells

RD-31	OS-09R

NOTES AND ABBREVIATIONS

ft MSL - feet above mean sea level
MPE - measuring point elevation

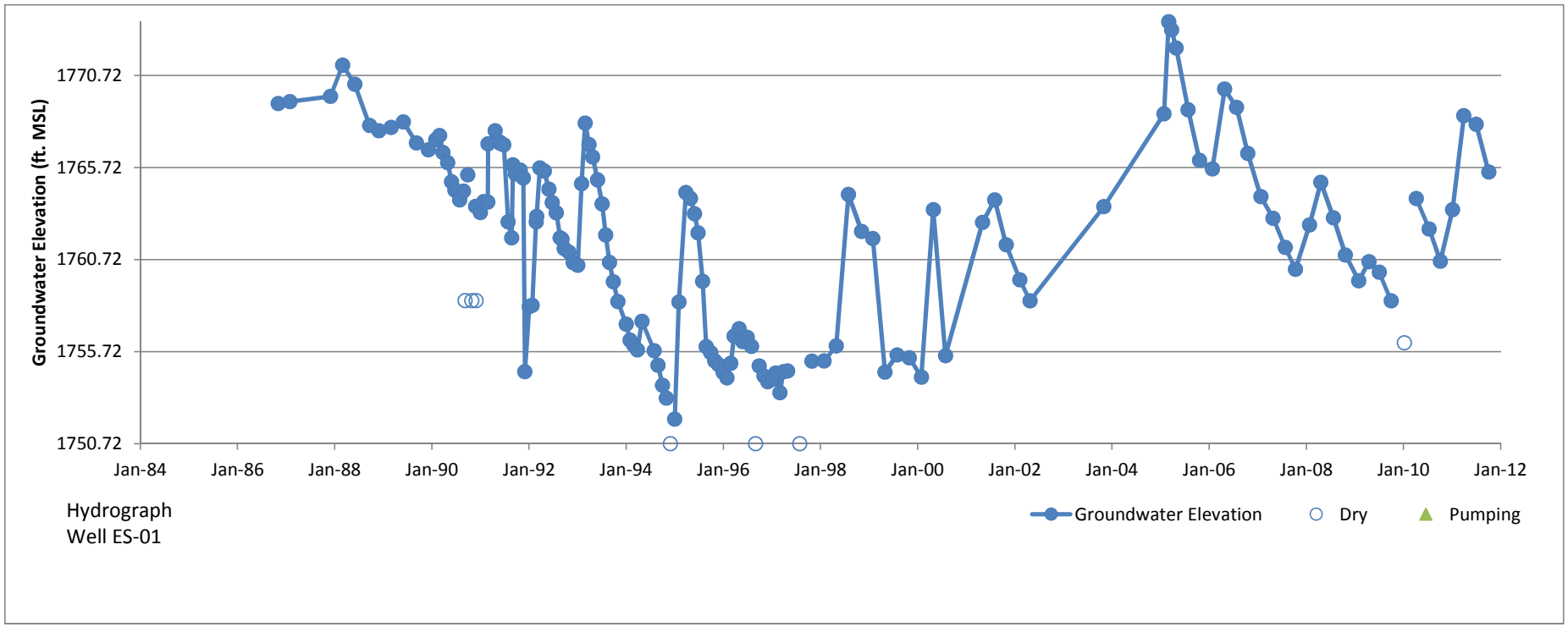
Water elevations for measurements taken when wells were dry are plotted as the approximate elevation of the bottom of the well.

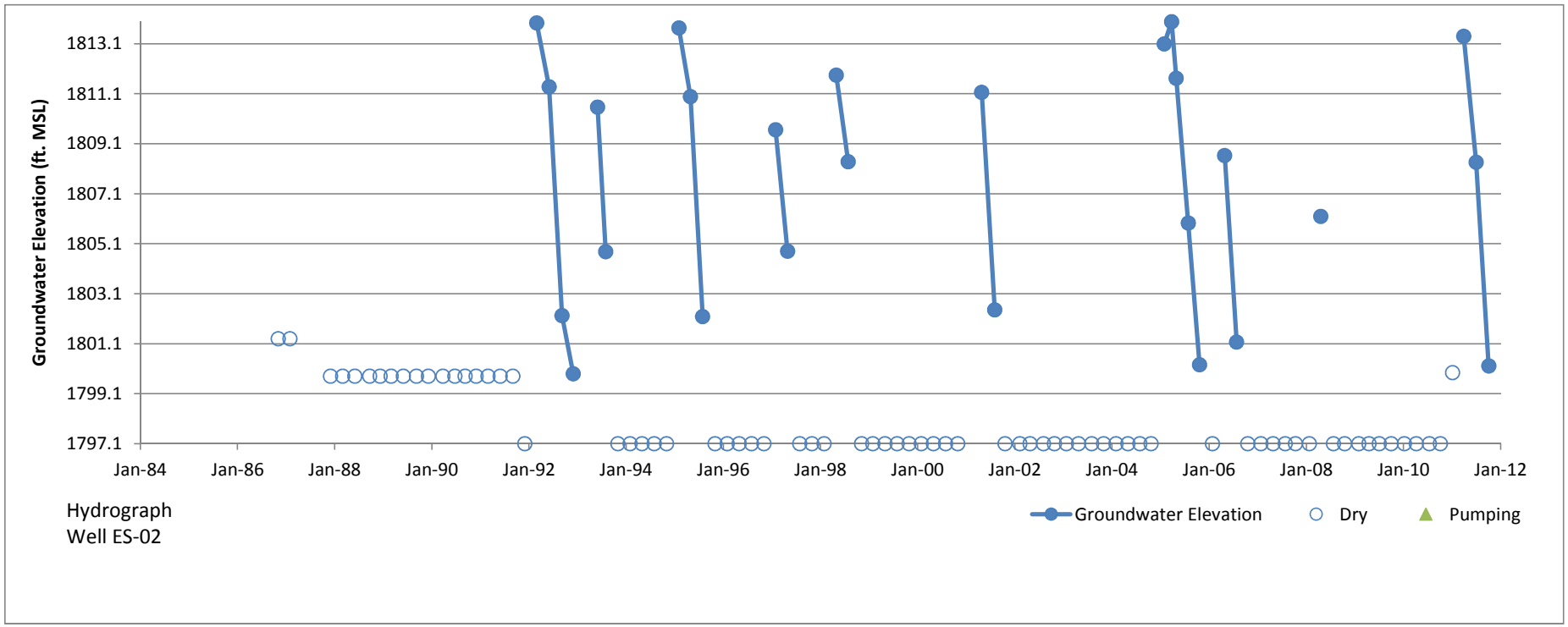
When hydrostatic water elevations are unavailable due to artesian conditions observed at the well head, the measuring point elevation (MPE) is plotted.

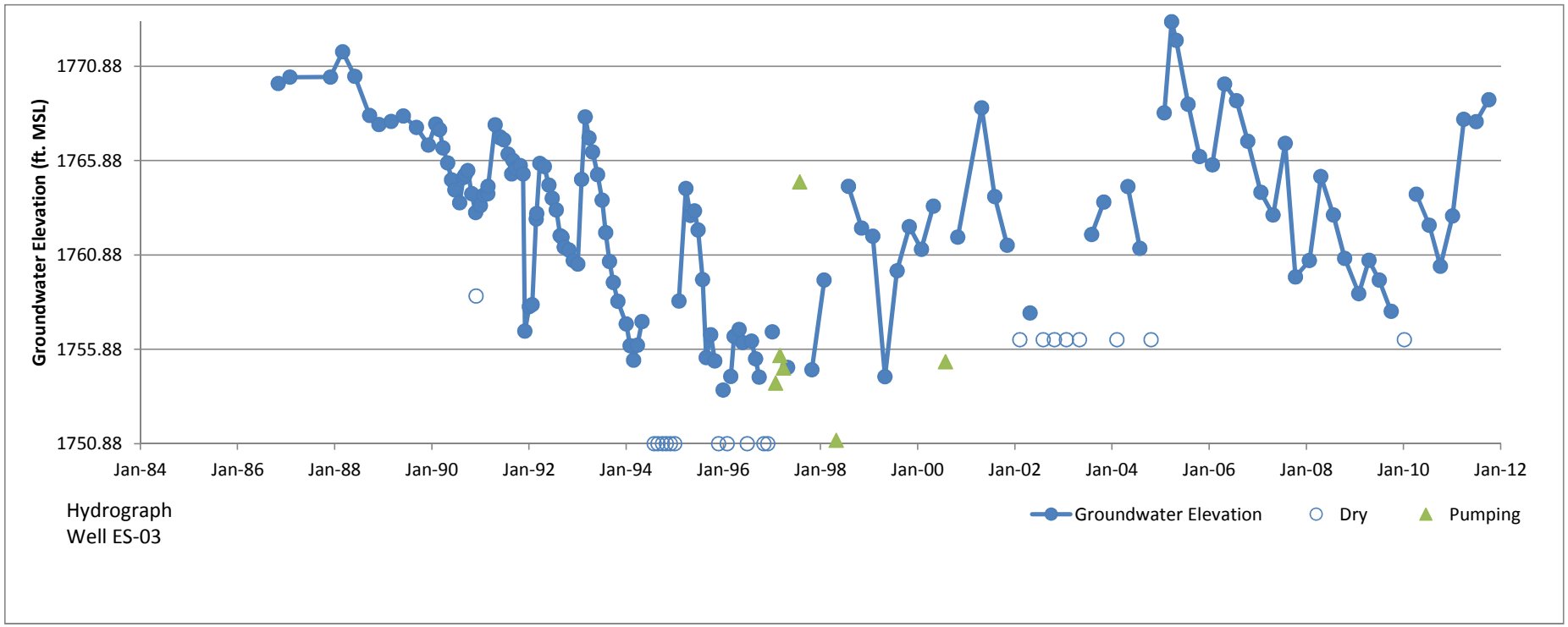
Water levels are not plotted on FLUTe hydrographs for ports that were consistently dry, were uneverted, or had a consistently malfunctioning transducer.

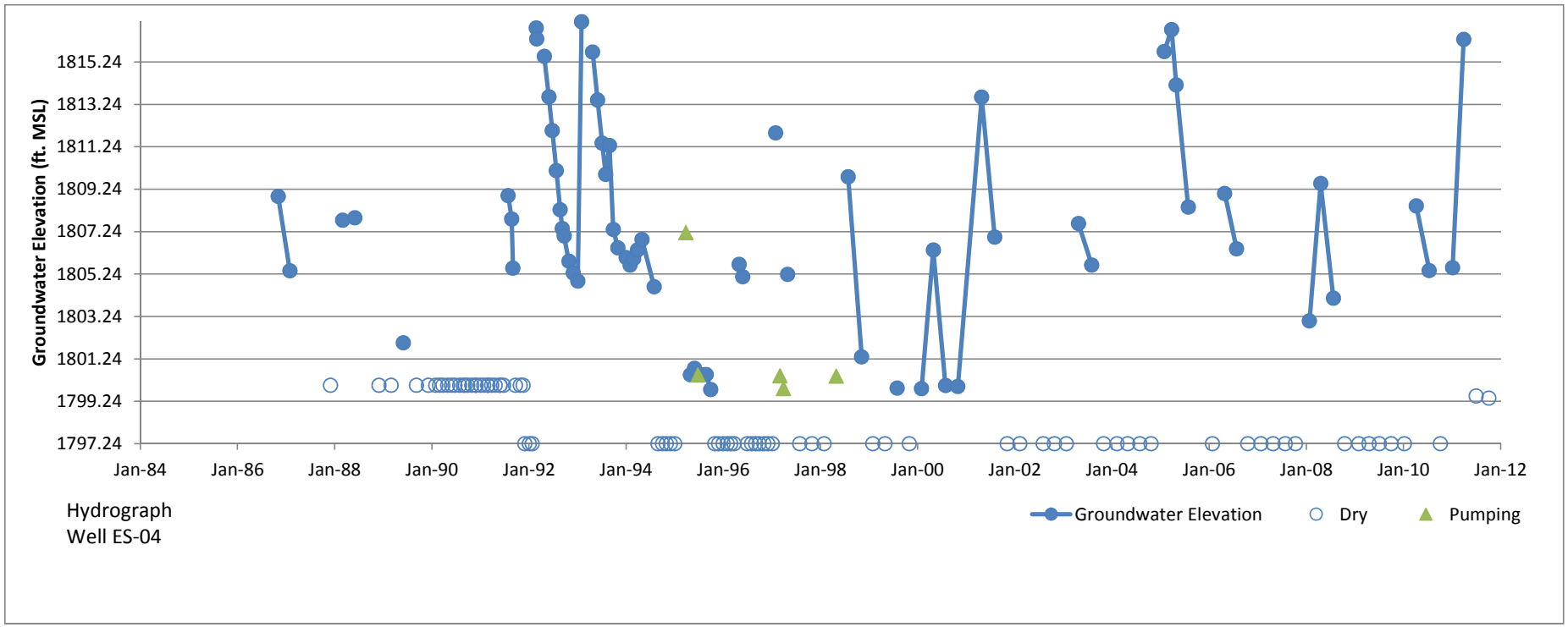
Data plotted on these hydrographs are from the Boeing Environmental Data Management System (BEDMS) for FLUTe and Westbay systems.

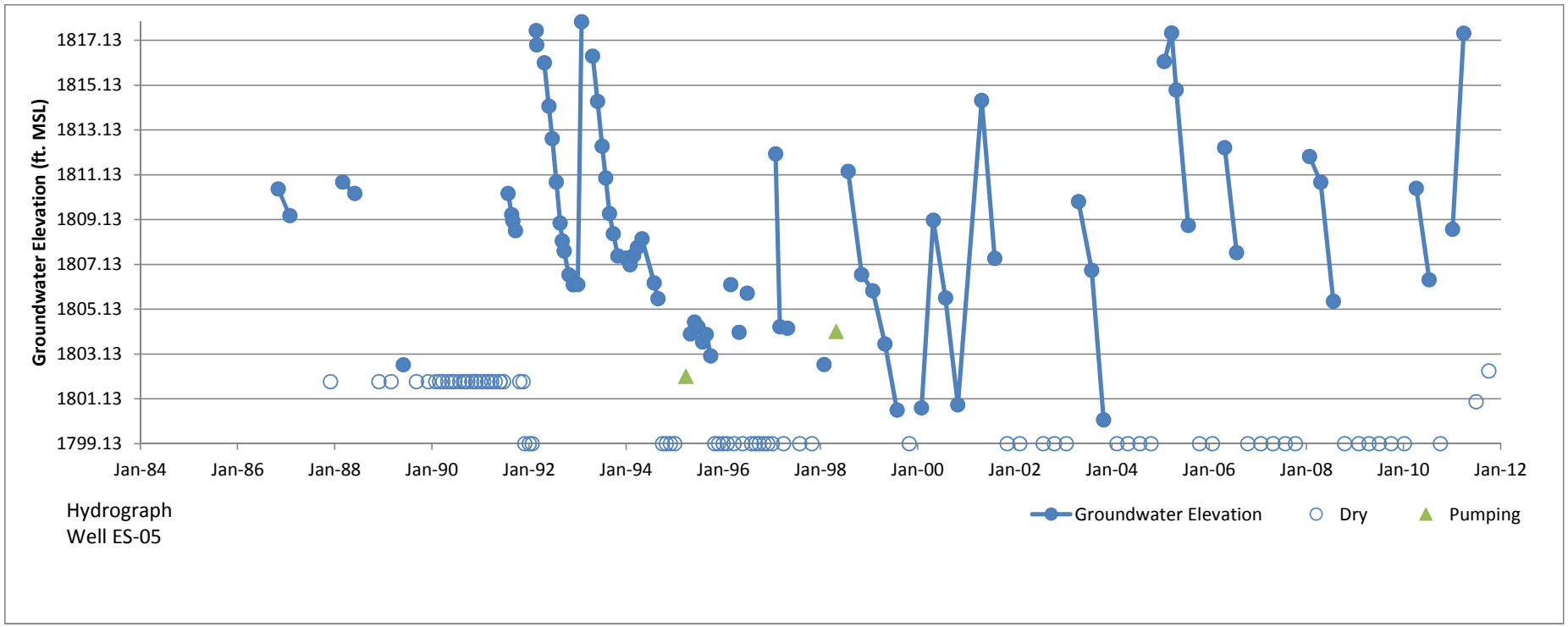
SHALLOW WELLS

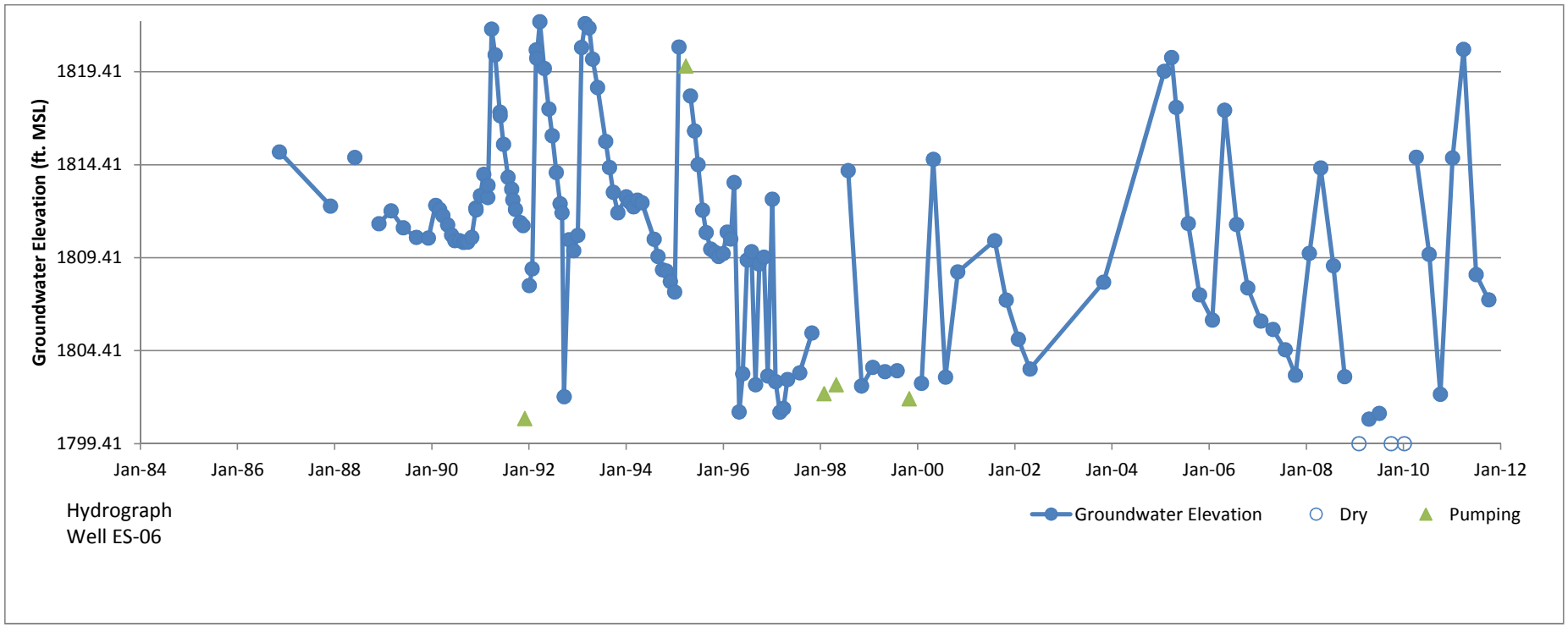

Groundwater Elevation (ft. MSL)
1770.72
1765.72
1760.72
1755.72
1750.72
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-01
Groundwater Elevation
Dry
Pumping

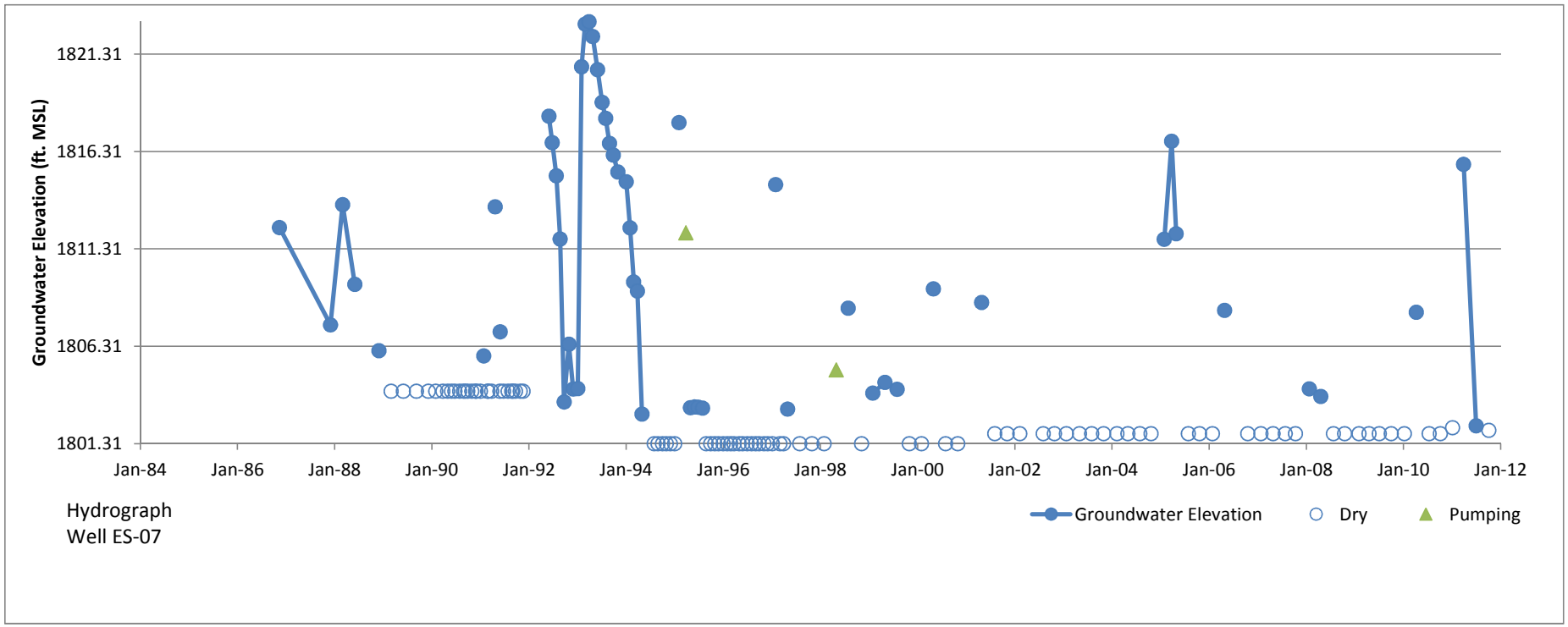

Groundwater Elevation (ft. MSL)
1813.1
1811.1
1809.1
1807.1
1805.1
1803.1
1801.1
1799.1
1797.1
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-02
Groundwater Elevation
Dry
Pumping

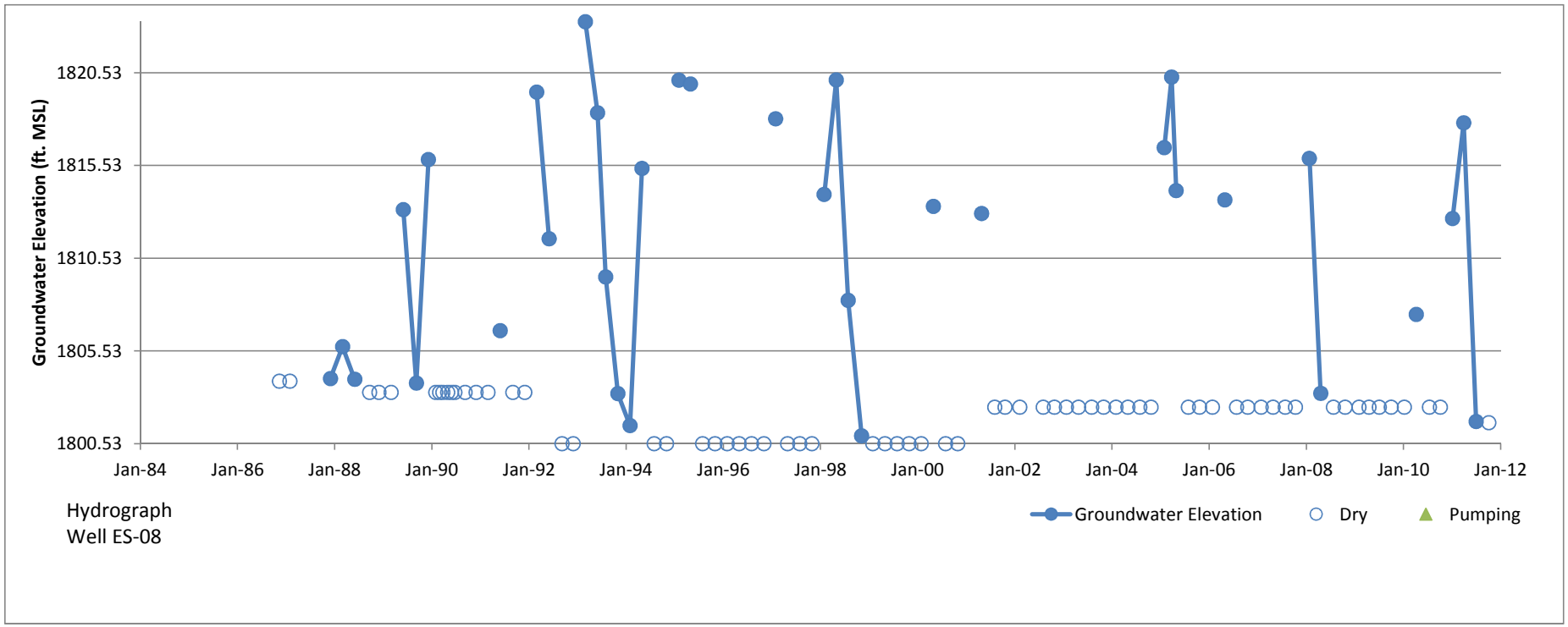

Groundwater Elevation (ft. MSL)
1770.88
1765.88
1760.88
1755.88
1750.88
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-03
Groundwater Elevation
Dry
Pumping

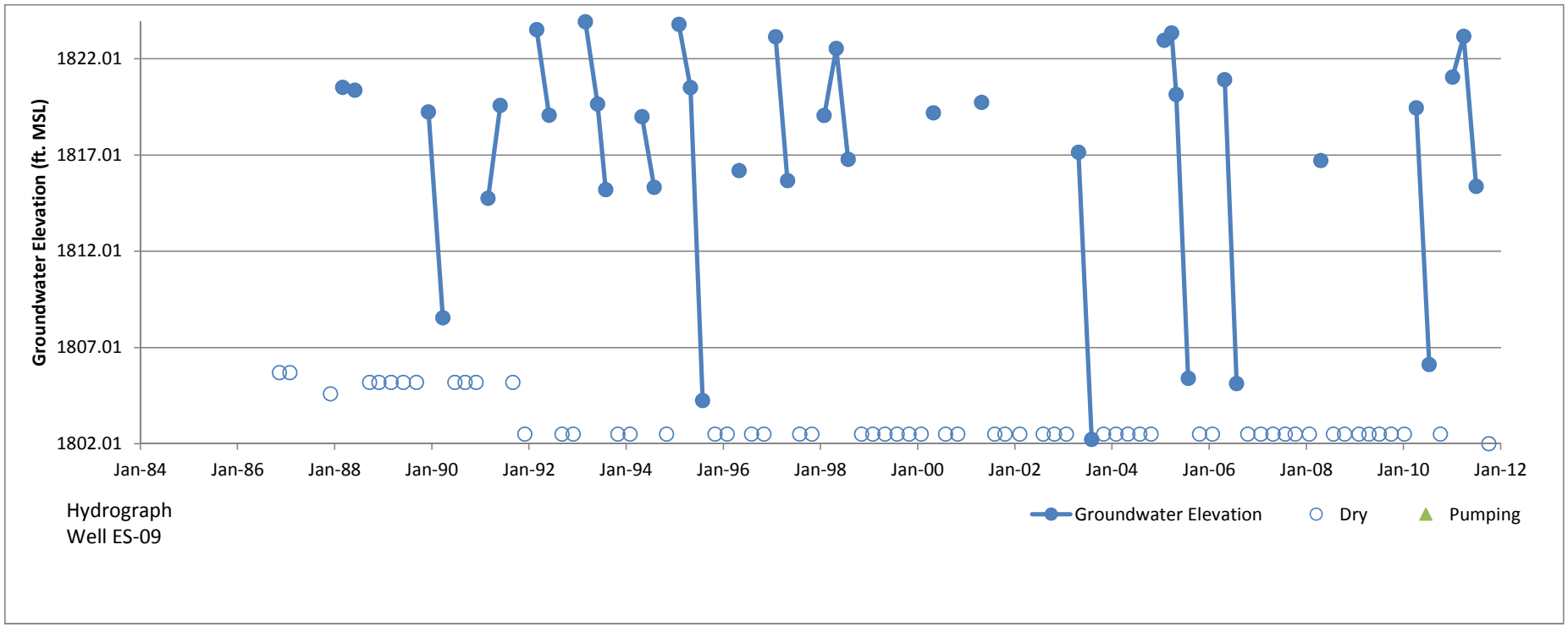

Groundwater Elevation (ft. MSL)
1815.24
1813.24
1811.24
1809.24
1807.24
1805.24
1803.24
1801.24
1799.24
1797.24
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-04
Groundwater Elevation
Dry
Pumping

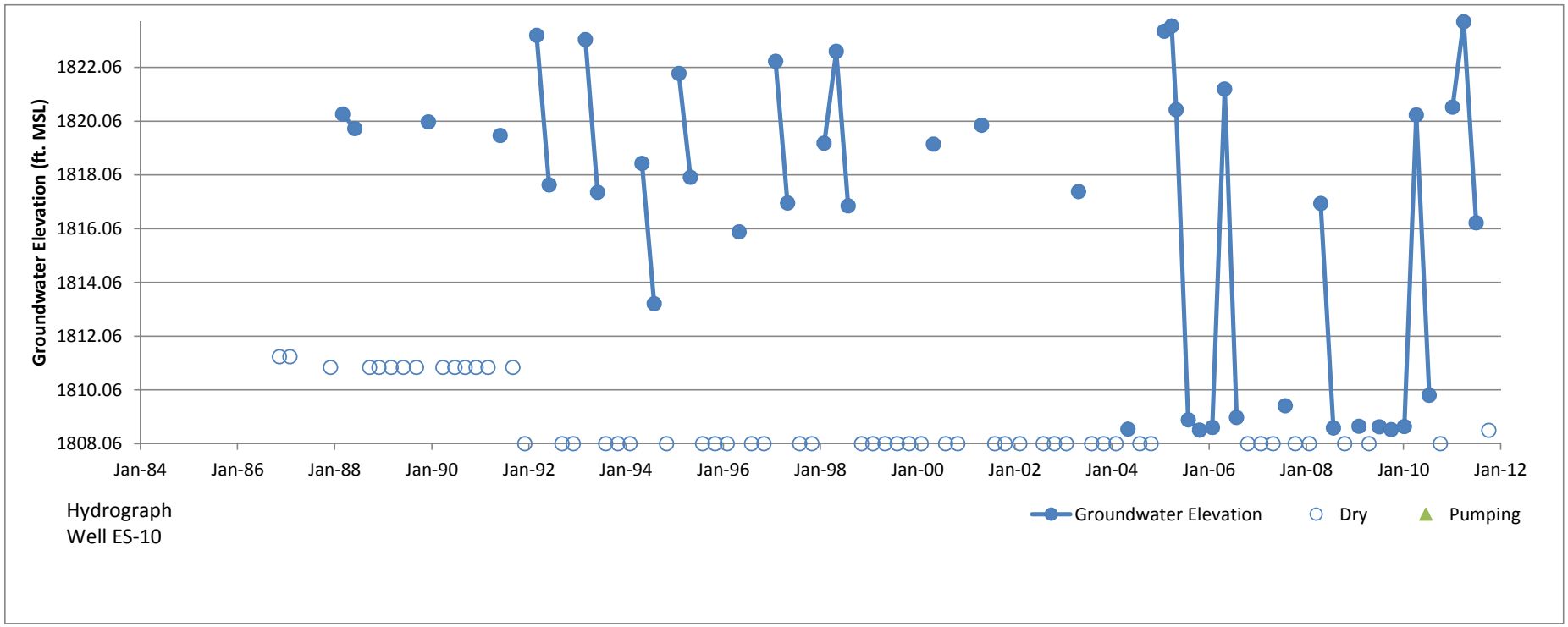

Groundwater Elevation (ft. MSL)
1817.13
1815.13
1813.13
1811.13
1809.13
1807.13
1805.13
1803.13
1801.13
1799.13
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-05
Groundwater Elevation
Dry
Pumping

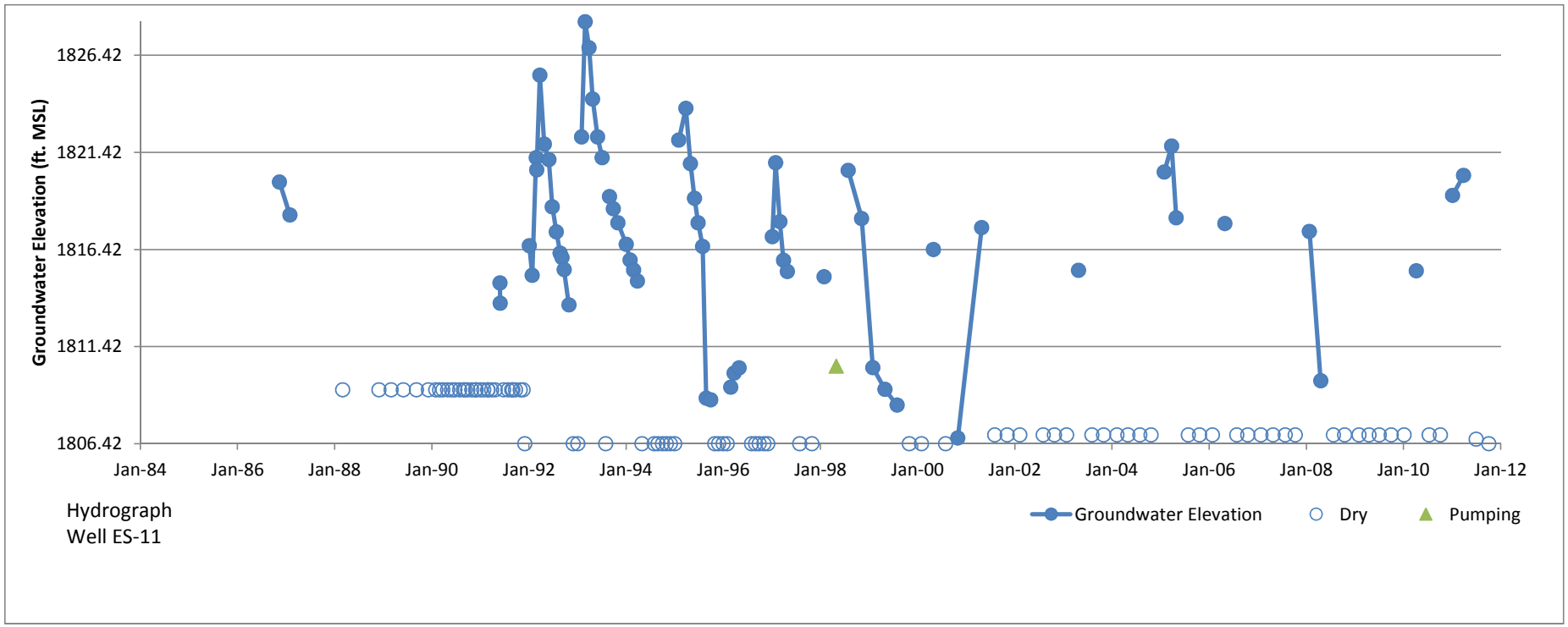

Groundwater Elevation (ft. MSL)
1819.41
1814.41
1809.41
1804.41
1799.41
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-06
Groundwater Elevation
Dry
Pumping

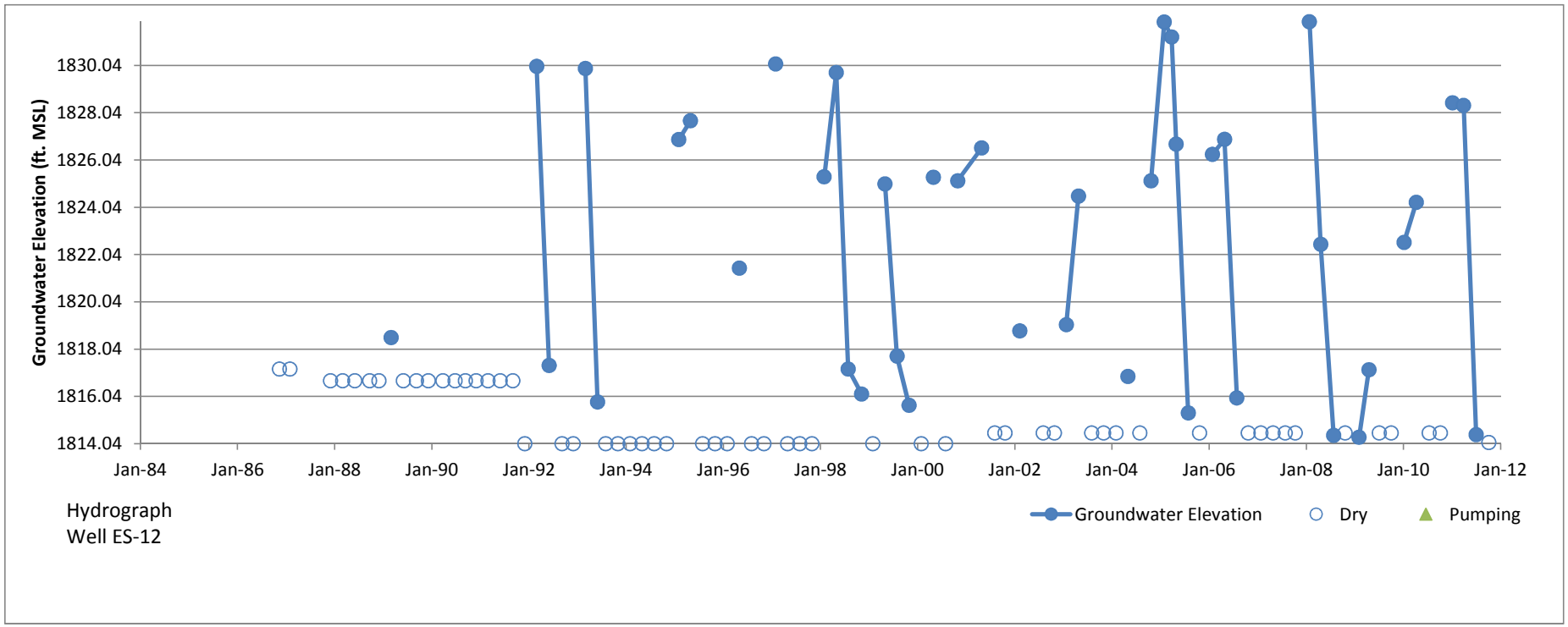

Groundwater Elevation (ft. MSL)
1821.31
1816.31
1811.31
1806.31
1801.31
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-07
Groundwater Elevation
Dry
Pumping

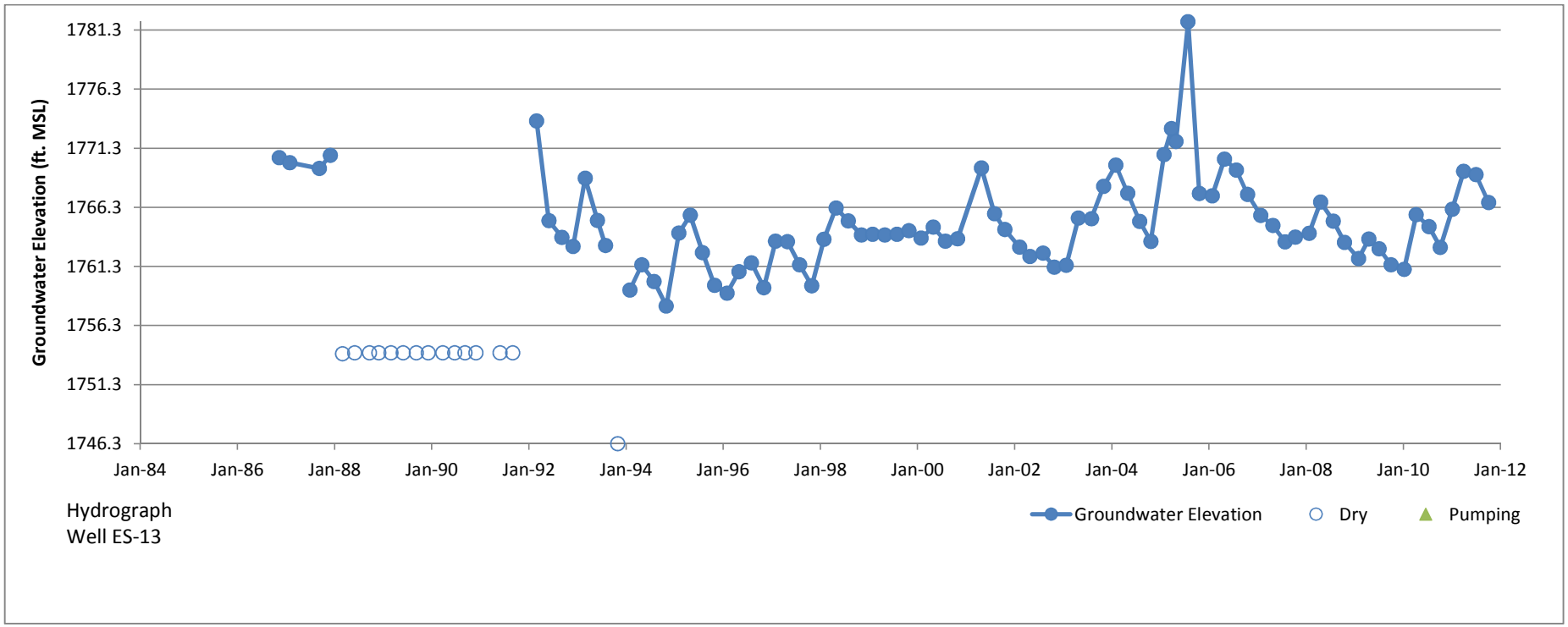

Groundwater Elevation (ft. MSL)
1820.53
1815.53
1810.53
1805.53
1800.53
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-08
Groundwater Elevation
Dry
Pumping

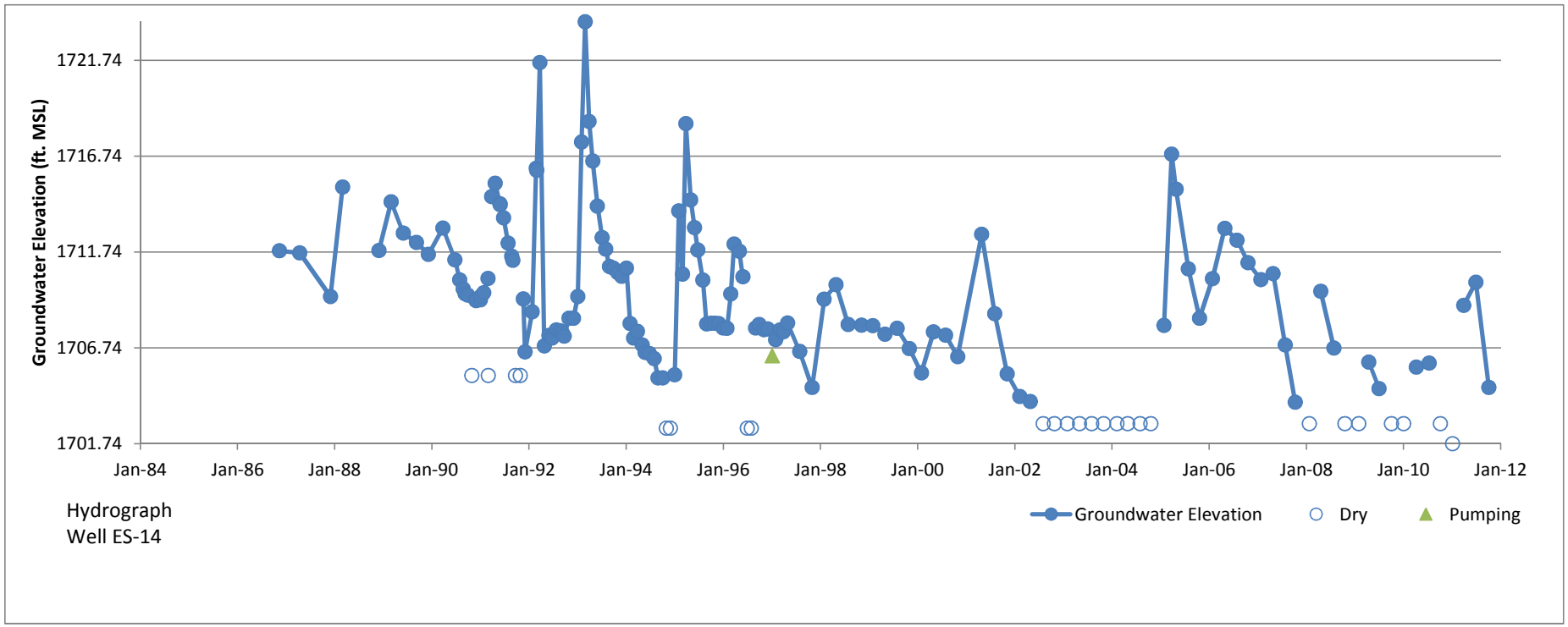

Groundwater Elevation (ft. MSL)
1822.01
1817.01
1812.01
1807.01
1802.01
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-09
Groundwater Elevation
Dry
Pumping

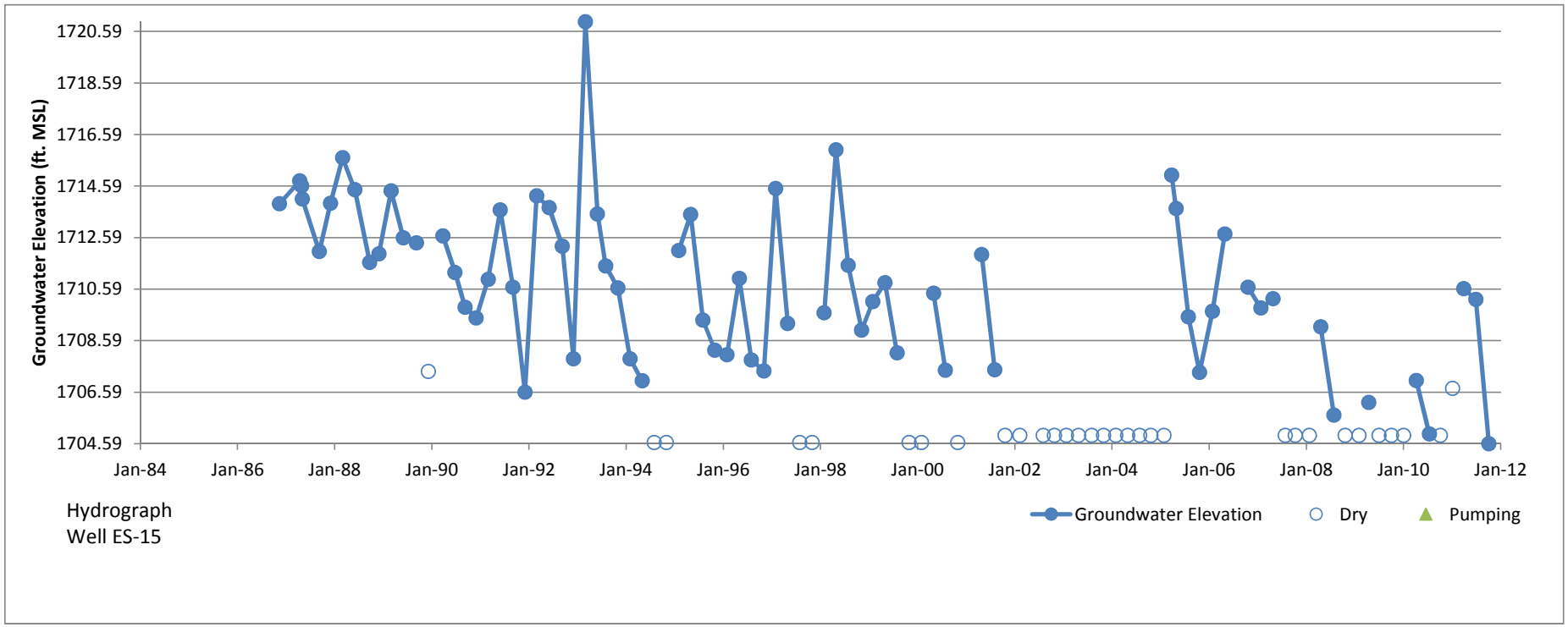

Groundwater Elevation (ft. MSL)
1822.06
1820.06
1818.06
1816.06
1814.06
1812.06
1810.06
1808.06
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-10
Groundwater Elevation
Dry
Pumping

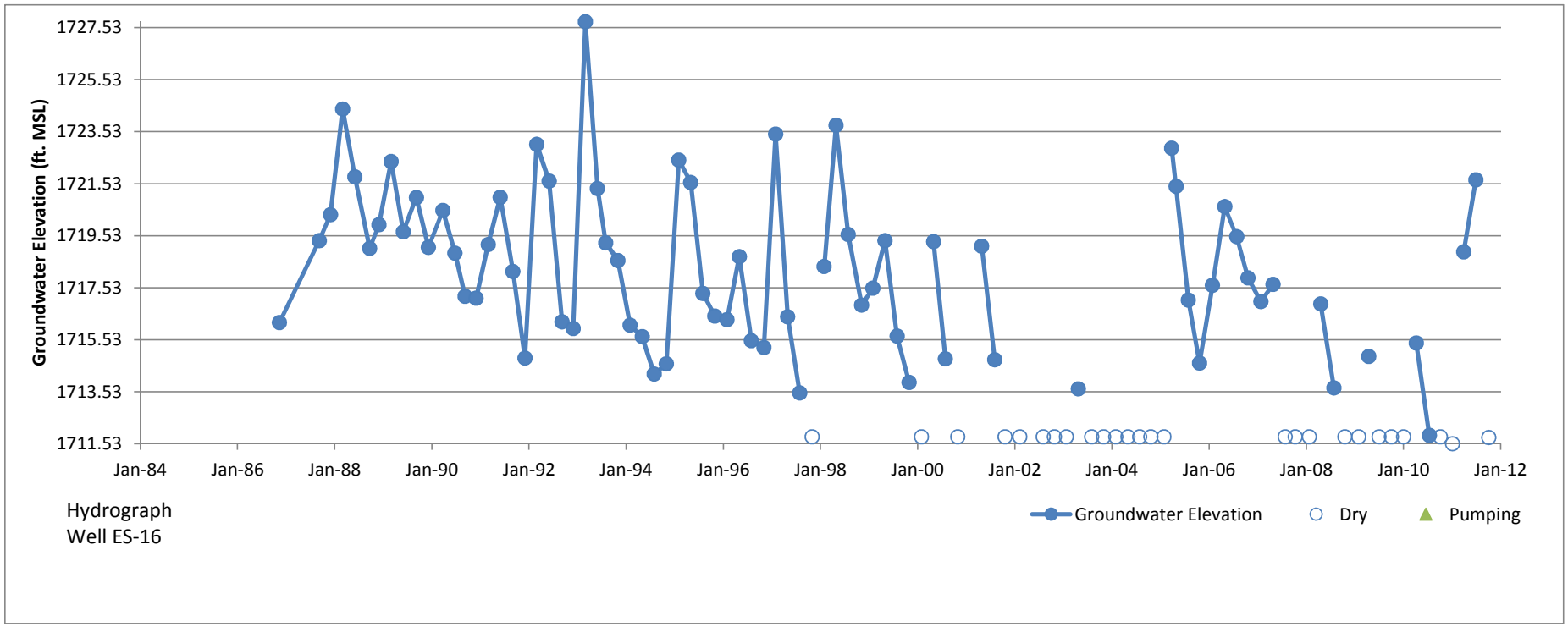

Groundwater Elevation (ft. MSL)
1826.42
1821.42
1816.42
1811.42
1806.42
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-11
Groundwater Elevation
Dry
Pumping

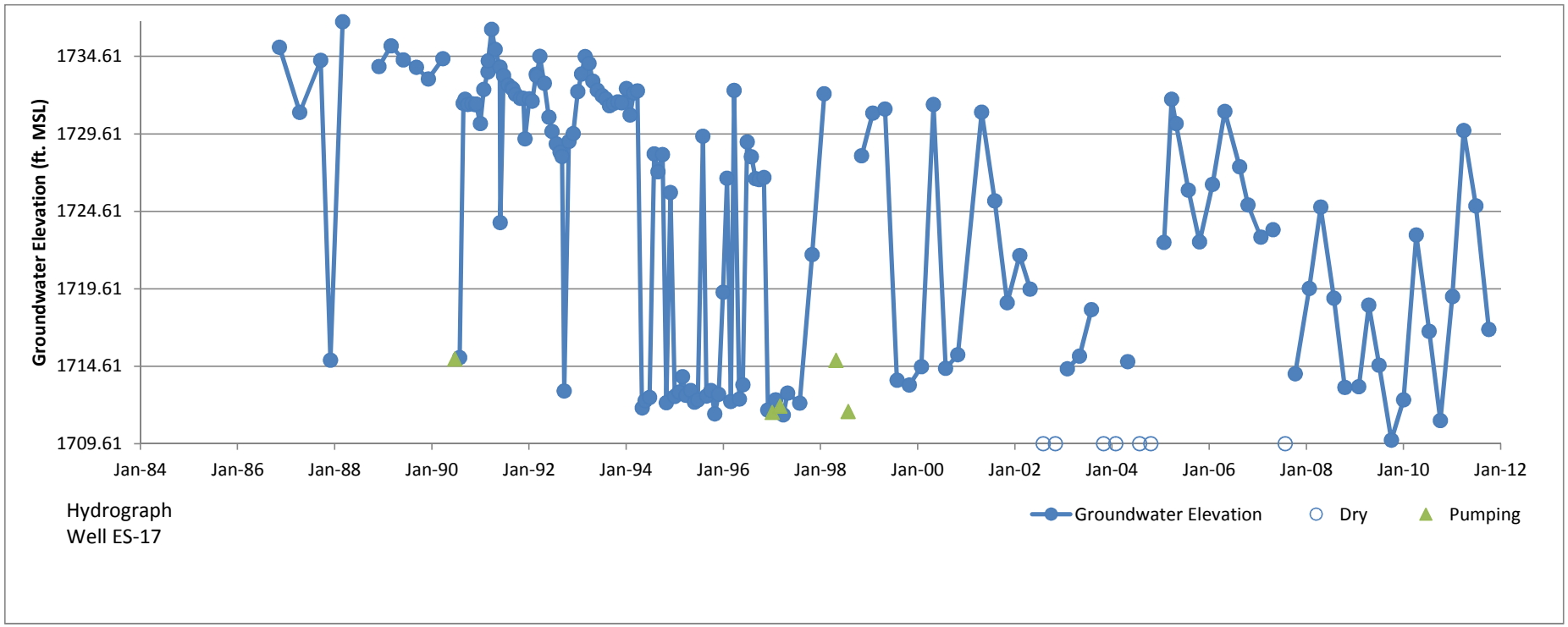

Groundwater Elevation (ft. MSL)
1830.04
1828.04
1826.04
1824.04
1822.04
1820.04
1818.04
1816.04
1814.04
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-12
Groundwater Elevation
Dry
Pumping

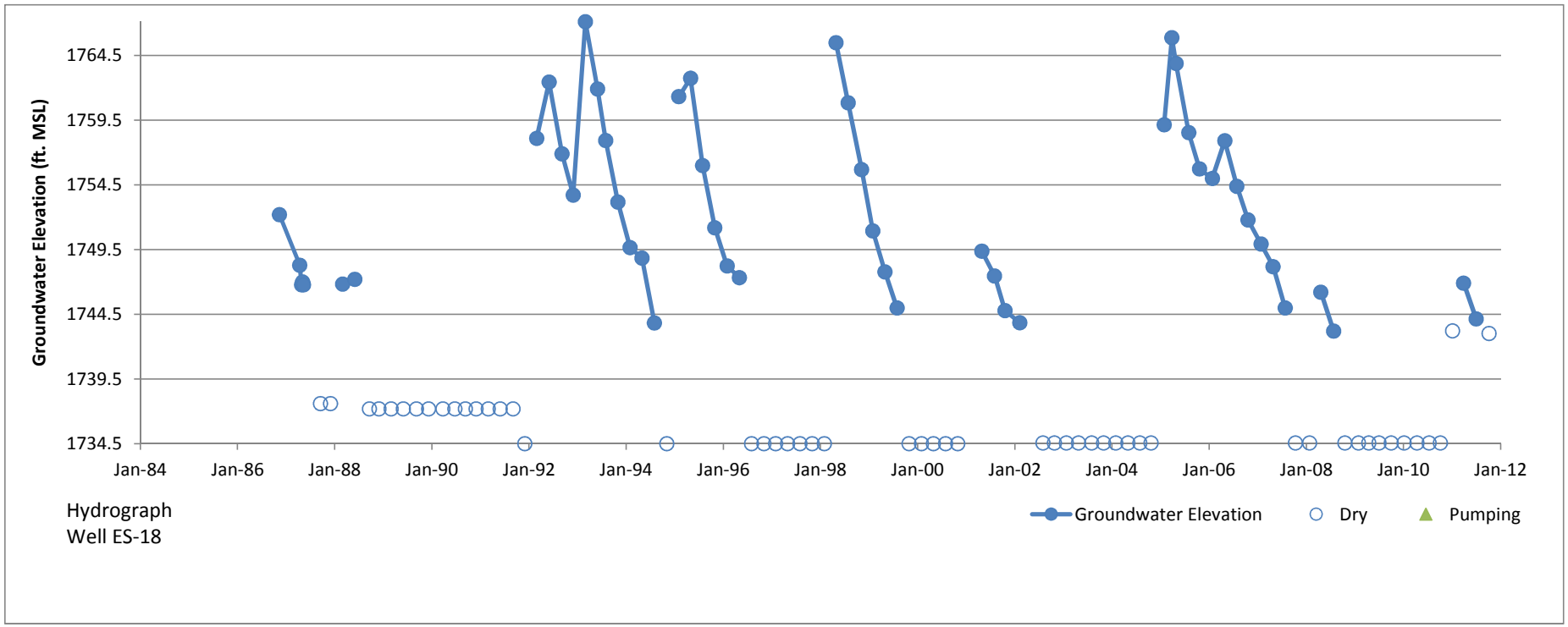

Groundwater Elevation (ft. MSL)
1781.3
1776.3
1771.3
1766.3
1761.3
1756.3
1751.3
1746.3
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-13
Groundwater Elevation
Dry
Pumping

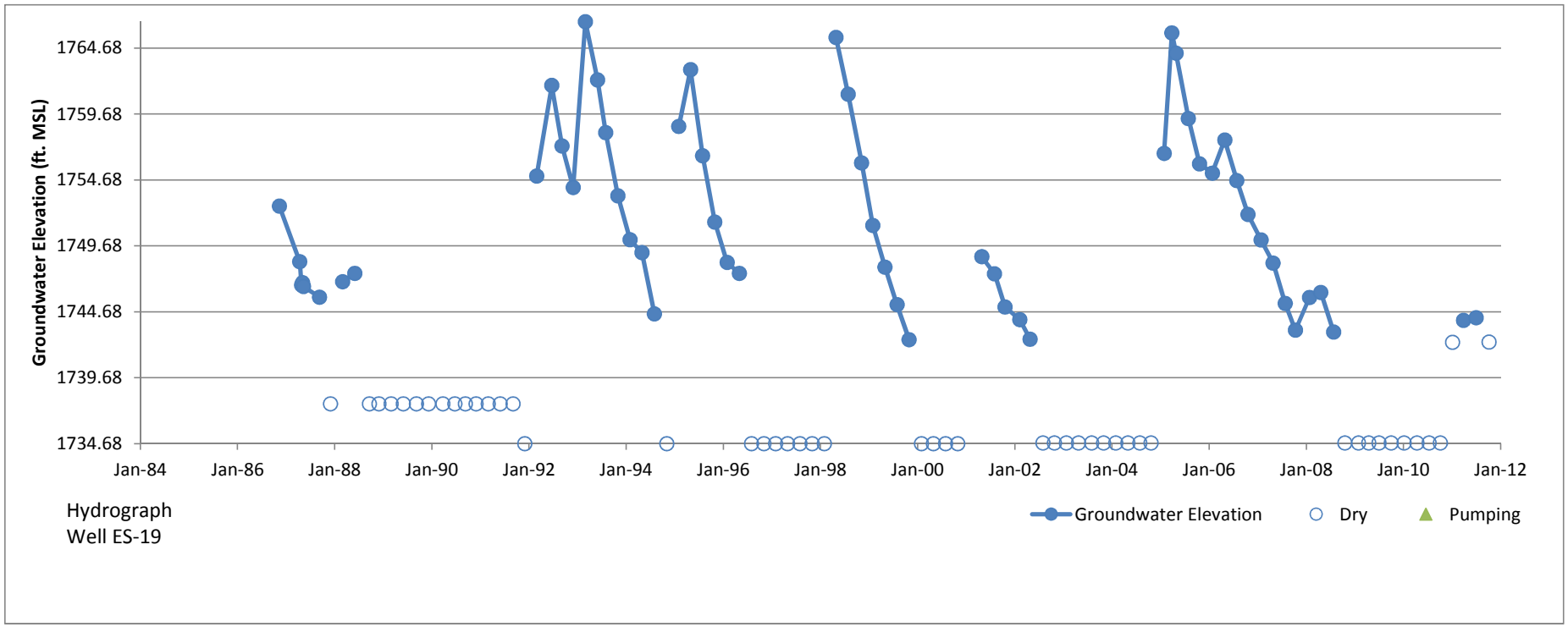

Groundwater Elevation (ft. MSL)
1721.74
1716.74
1711.74
1706.74
1701.74
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-14
Groundwater Elevation
Dry
Pumping

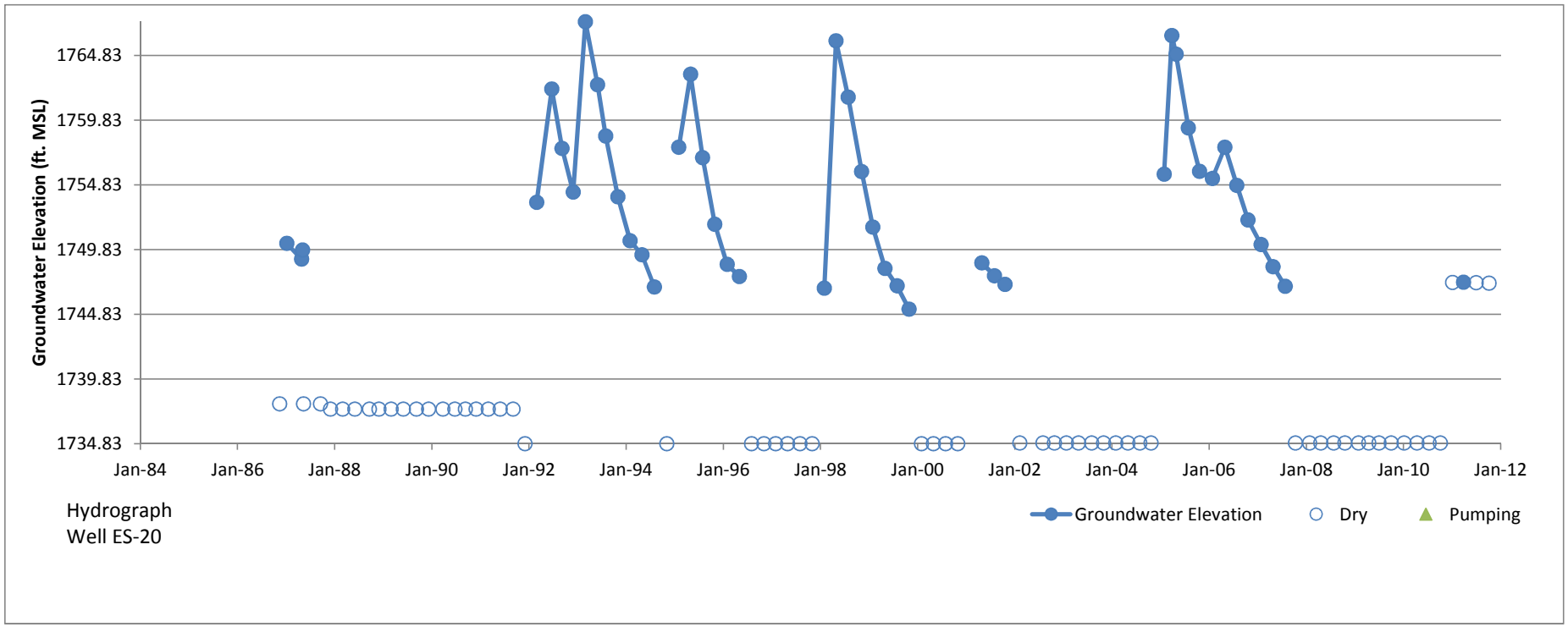

Groundwater Elevation (ft. MSL)
1720.59
1718.59
1716.59
1714.59
1712.59
1710.59
1708.59
1706.59
1704.59
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-15
Groundwater Elevation
Dry
Pumping

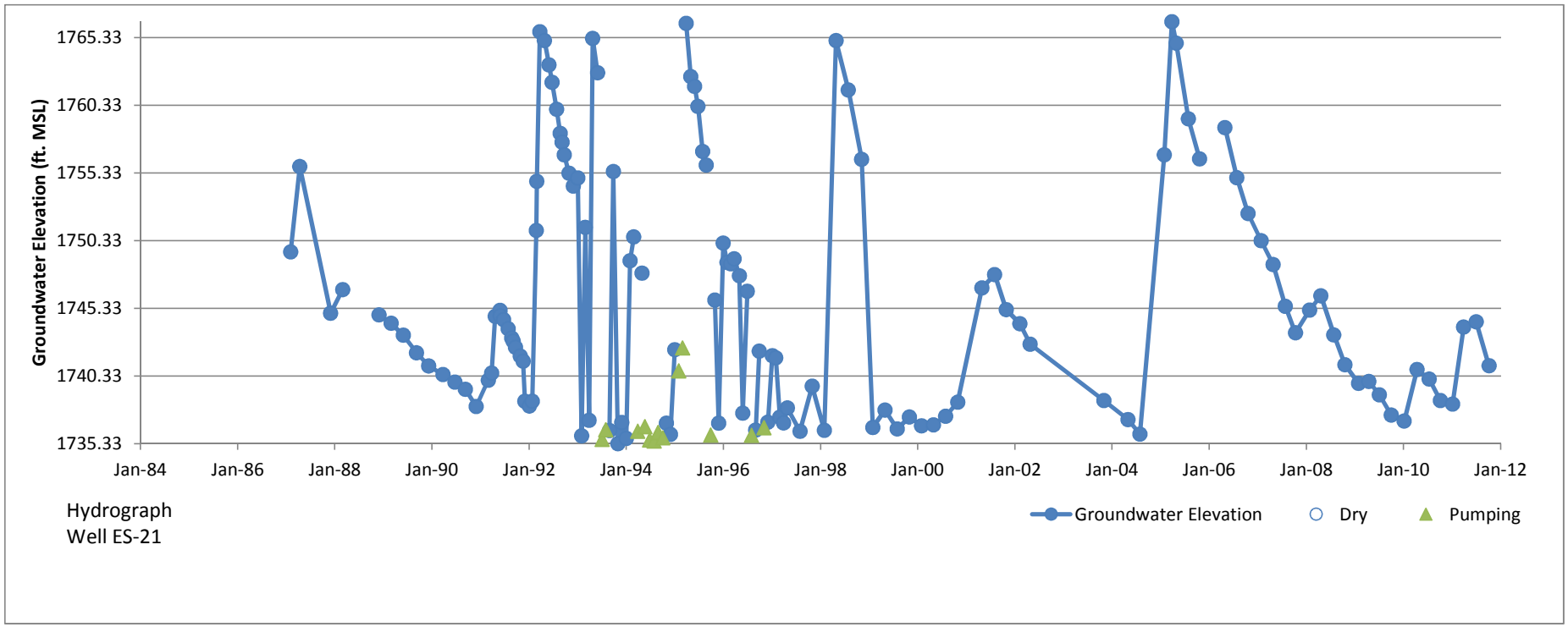

Groundwater Elevation (ft. MSL)
1727.53
1725.53
1723.53
1721.53
1719.53
1717.53
1715.53
1713.53
1711.53
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-16
Groundwater Elevation
Dry
Pumping

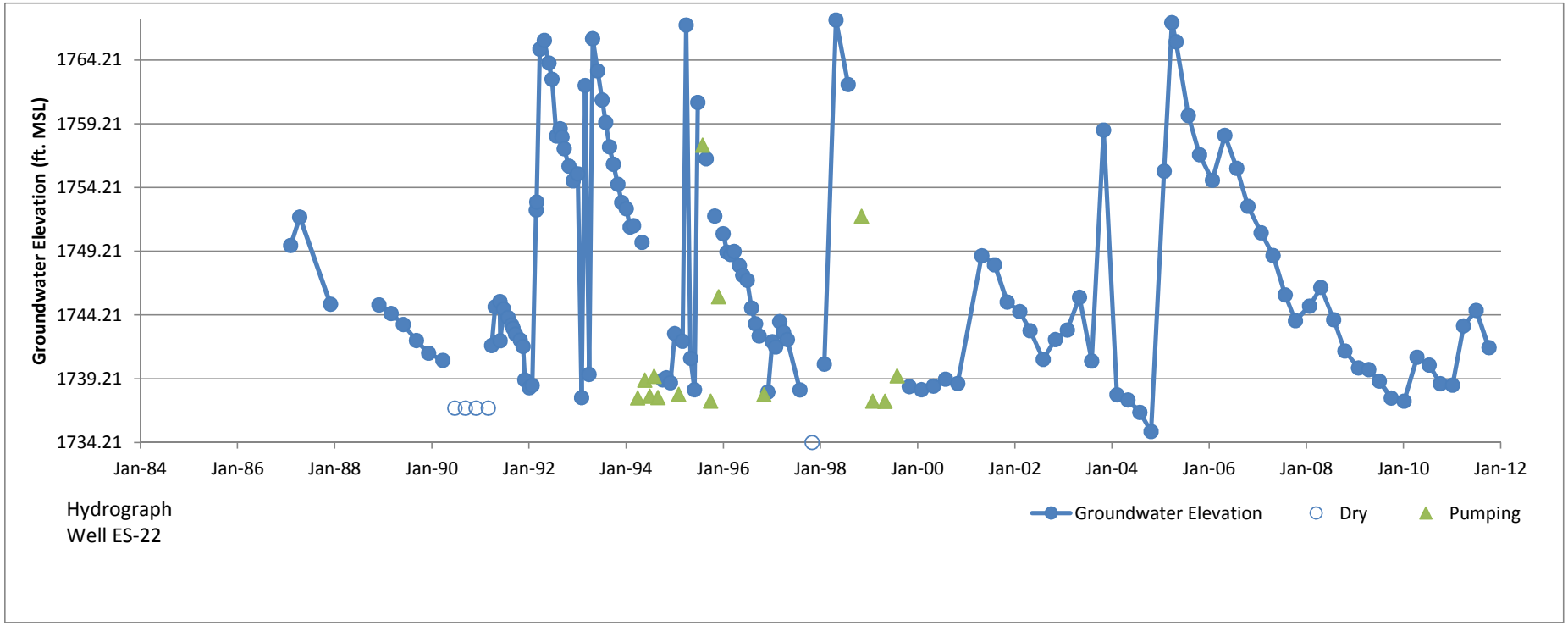

Groundwater Elevation (ft. MSL)
1734.61
1729.61
1724.61
1719.61
1714.61
1709.61
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-17
Groundwater Elevation
Dry
Pumping

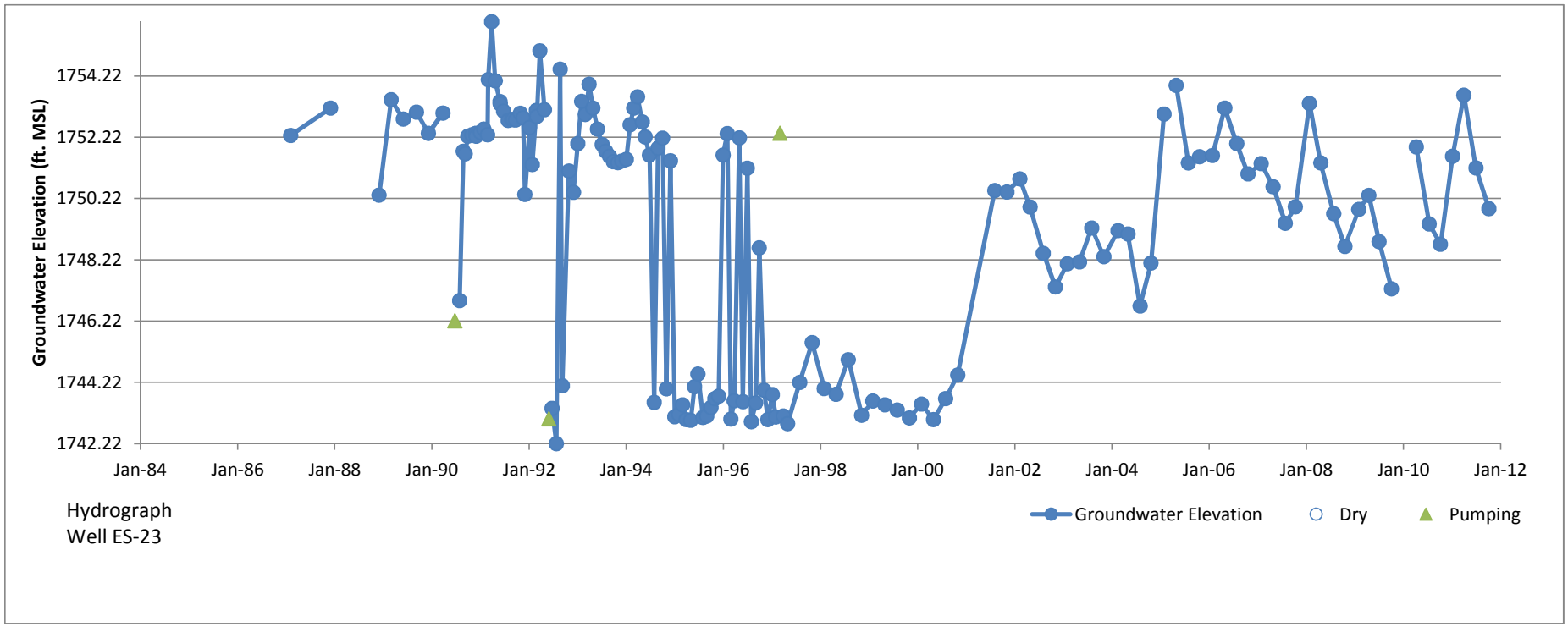

Groundwater Elevation (ft. MSL)
1764.5
1759.5
1754.5
1749.5
1744.5
1739.5
1734.5
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-18
Groundwater Elevation
Dry
Pumping

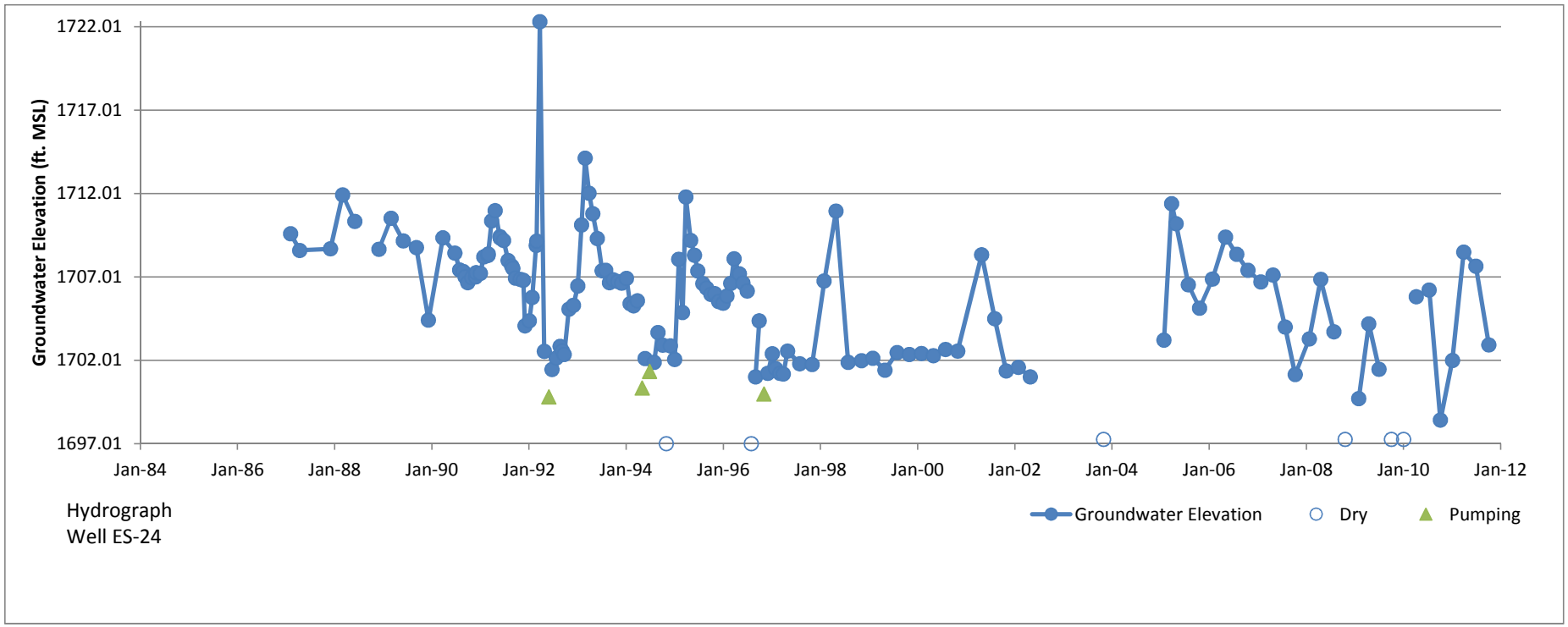

Groundwater Elevation (ft. MSL)
1764.68
1759.68
1754.68
1749.68
1744.68
1739.68
1734.68
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-19
Groundwater Elevation
Dry
Pumping

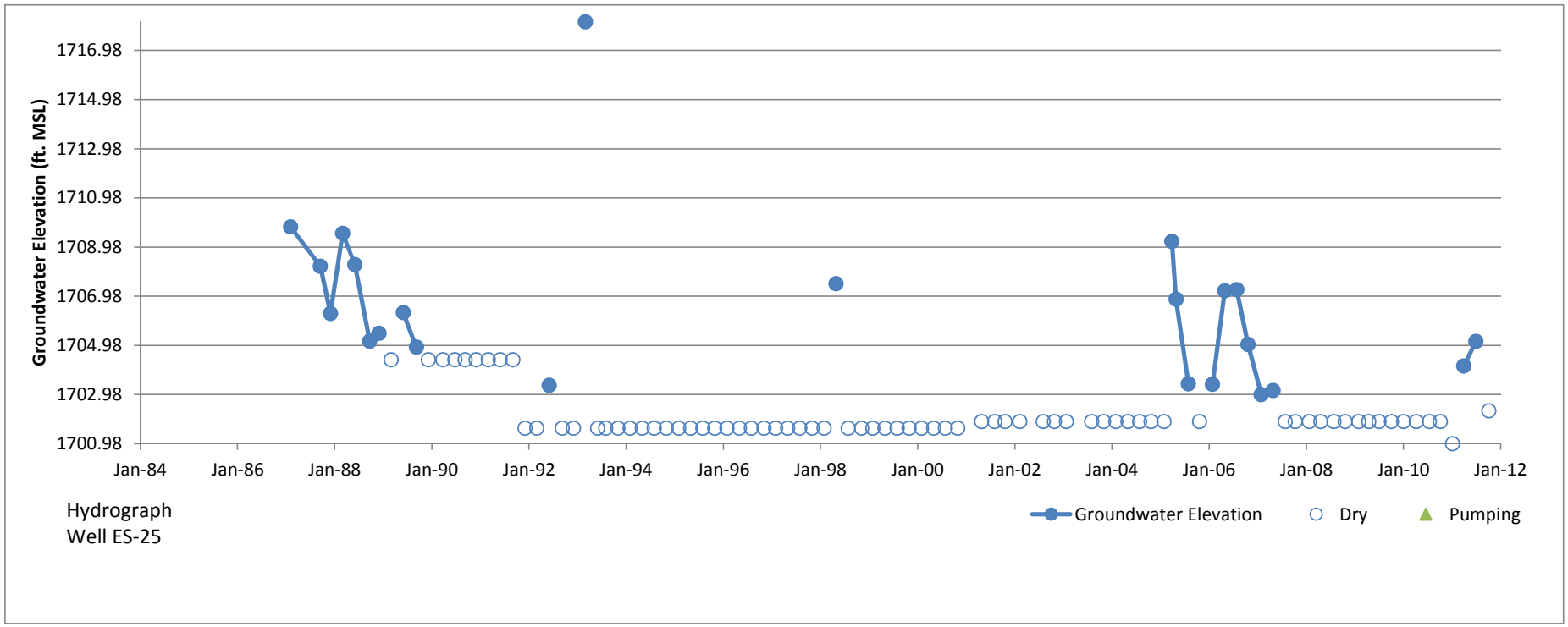

Groundwater Elevation (ft. MSL)
1764.83
1759.83
1754.83
1749.83
1744.83
1739.83
1734.83
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-20
Groundwater Elevation
Dry
Pumping

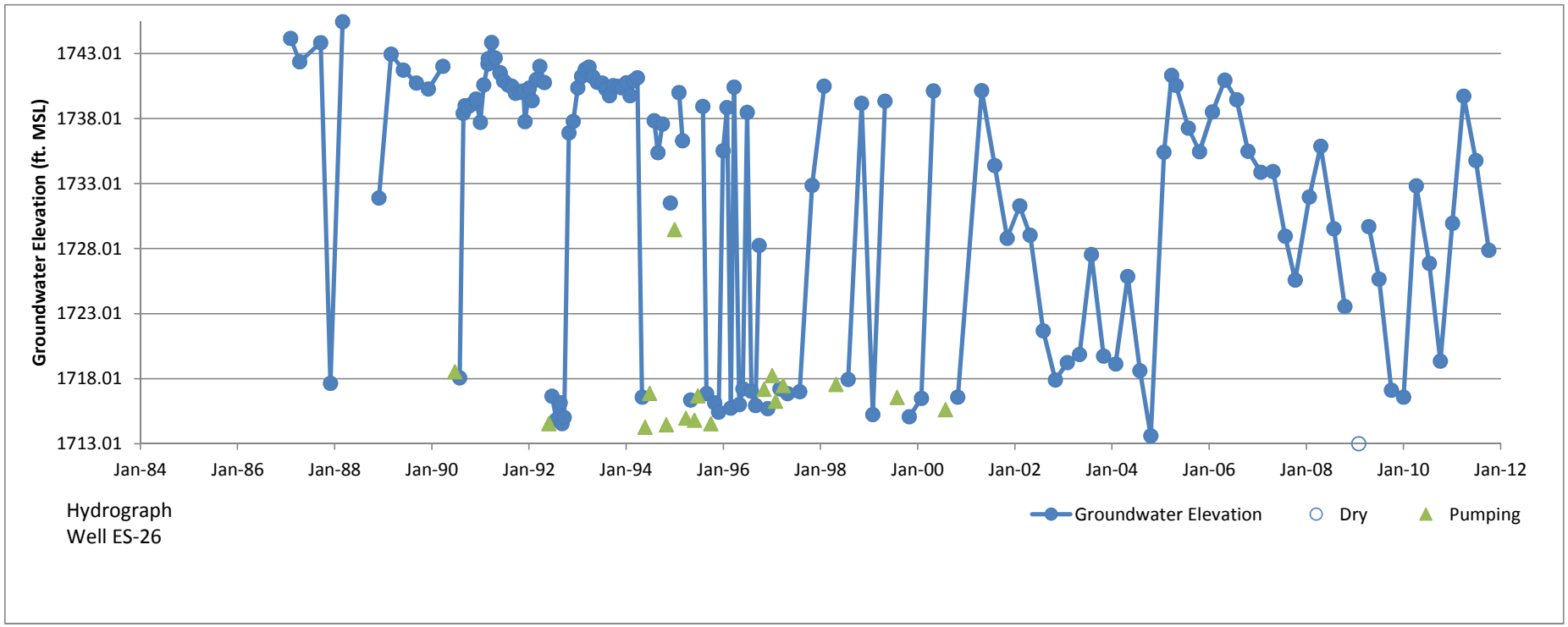

Groundwater Elevation (ft. MSL)
1765.33
1760.33
1755.33
1750.33
1745.33
1740.33
1735.33
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-21
Groundwater Elevation
Dry
Pumping

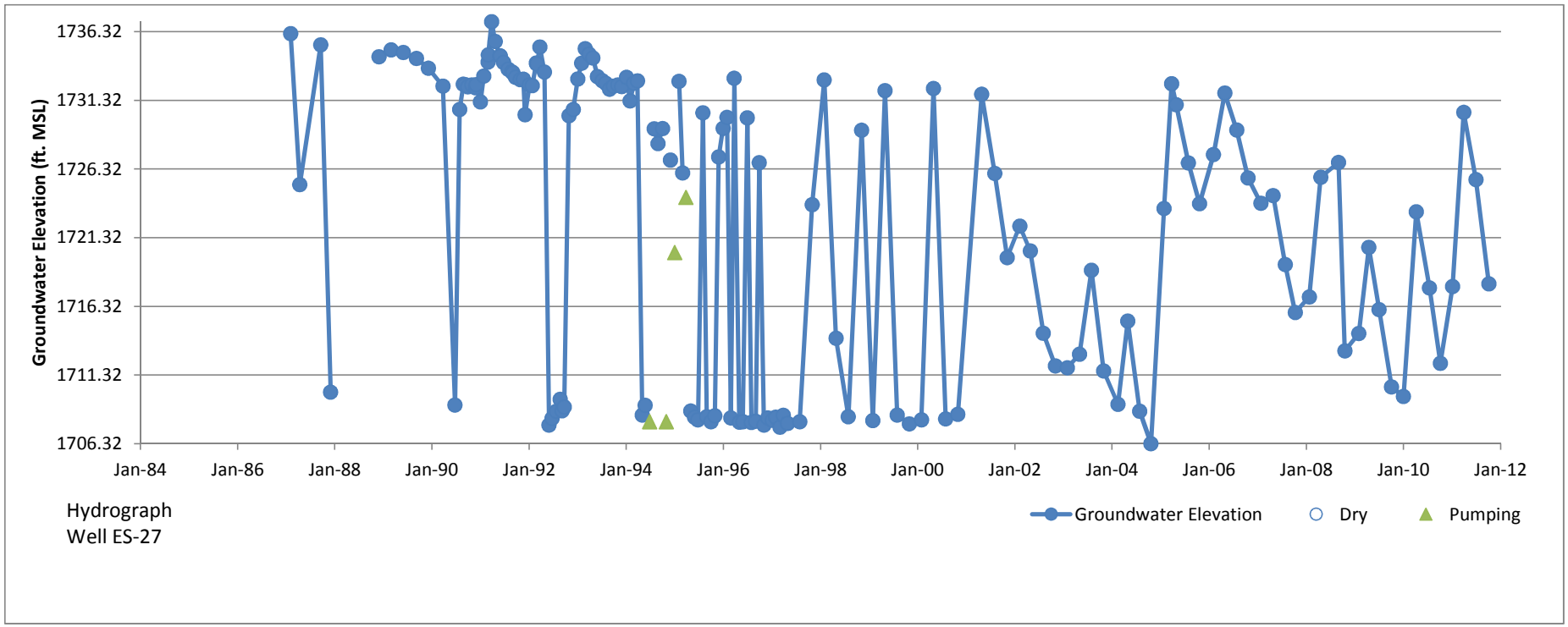

Groundwater Elevation (ft. MSL)
1764.21
1759.21
1754.21
1749.21
1744.21
1739.21
1734.21
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-22
Groundwater Elevation
Dry
Pumping

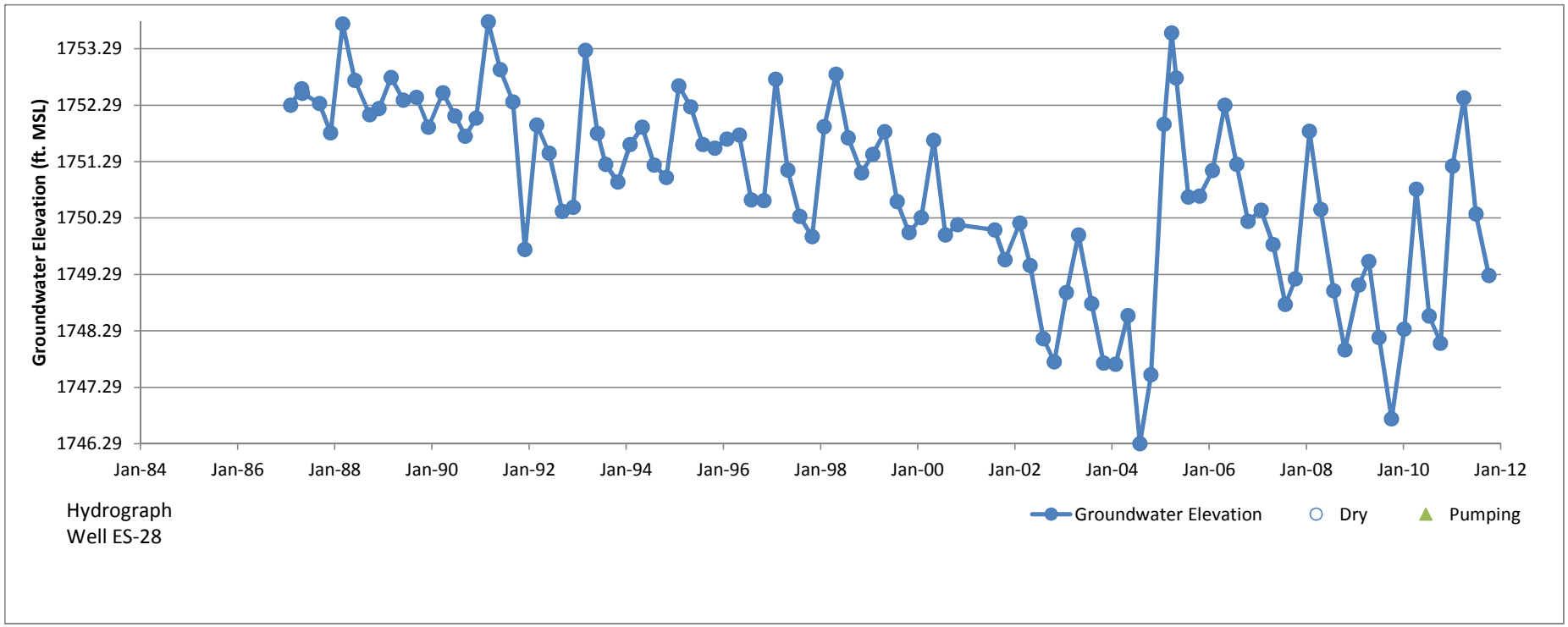

Groundwater Elevation (ft. MSL)
1754.22
1752.22
1750.22
1748.22
1746.22
1744.22
1742.22
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-23
Groundwater Elevation
Dry
Pumping

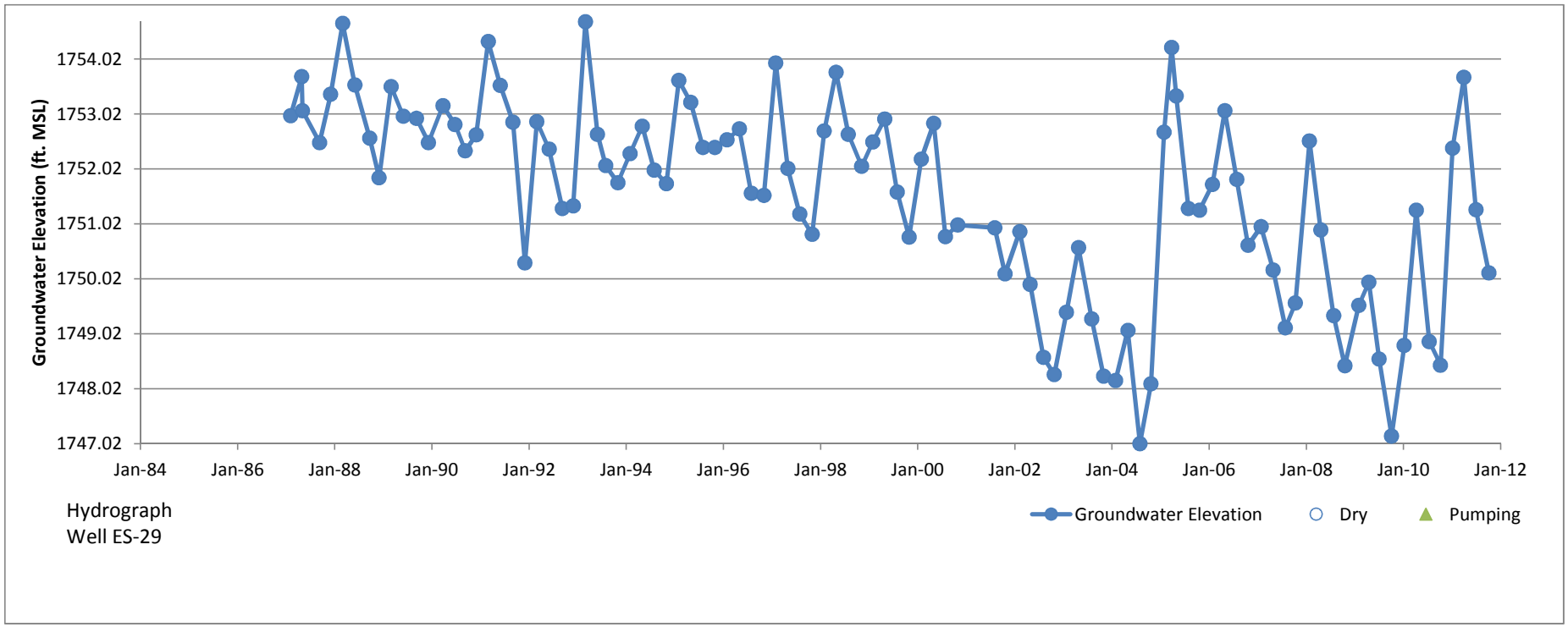

Groundwater Elevation (ft. MSL)
1722.01
1717.01
1712.01
1707.01
1702.01
1697.01
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-24
Groundwater Elevation
Dry
Pumping

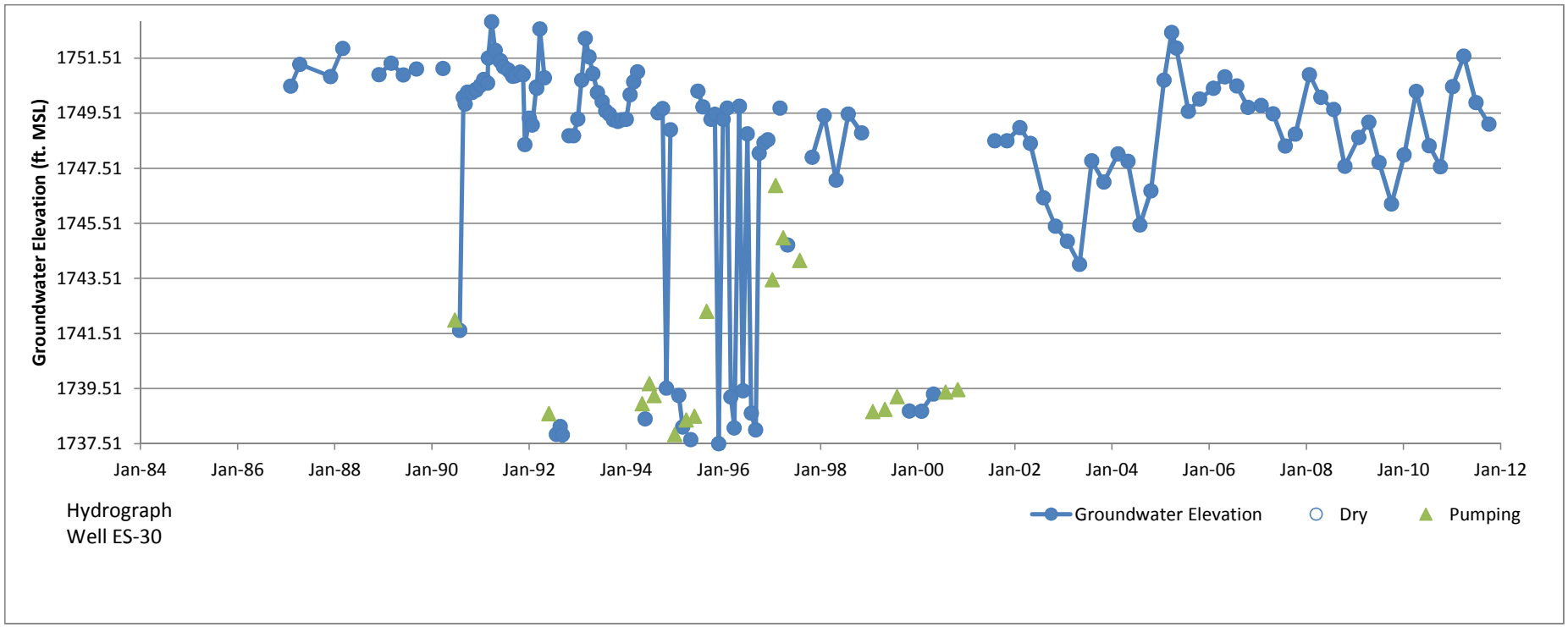

Groundwater Elevation (ft. MSL)
1716.98
1714.98
1712.98
1710.98
1708.98
1706.98
1704.98
1702.98
1700.98
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-25
Groundwater Elevation
Dry
Pumping

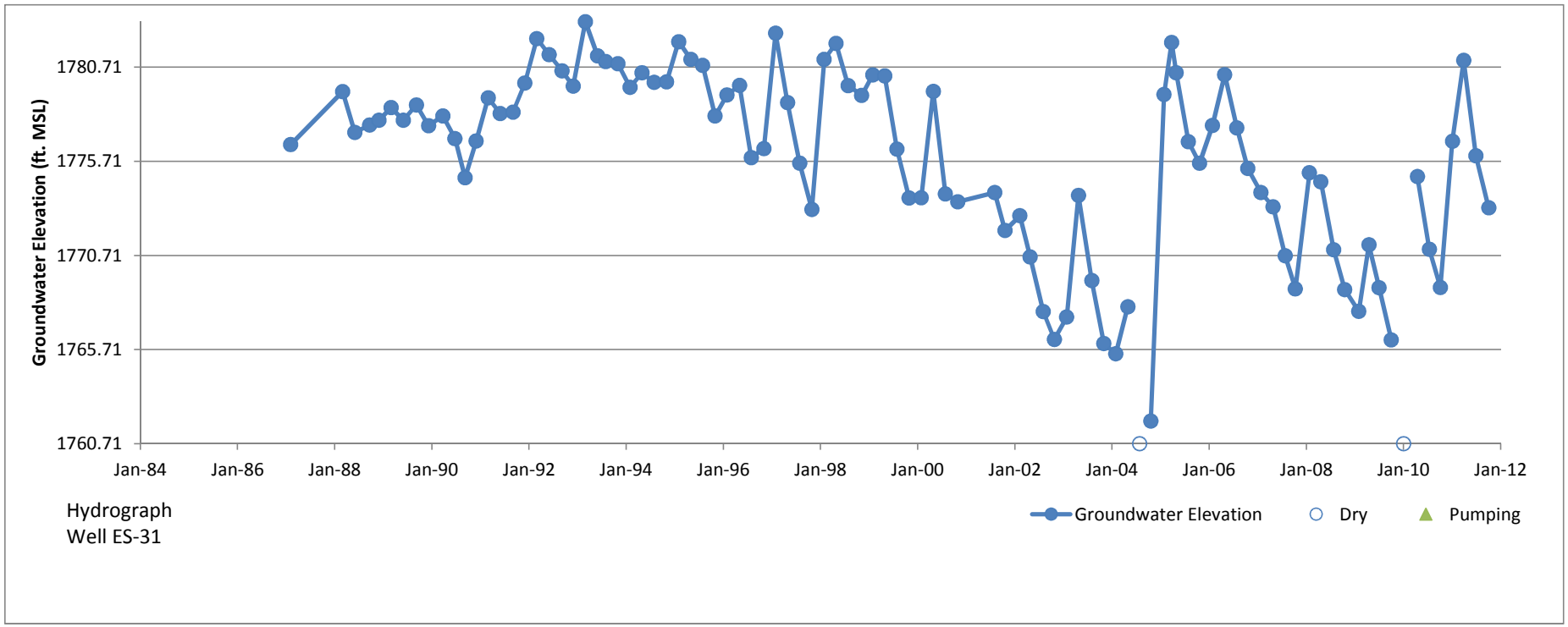

Groundwater Elevation (ft. MSL)
1743.01
1738.01
1733.01
1728.01
1723.01
1718.01
1713.01
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-26
Groundwater Elevation
Dry
Pumping

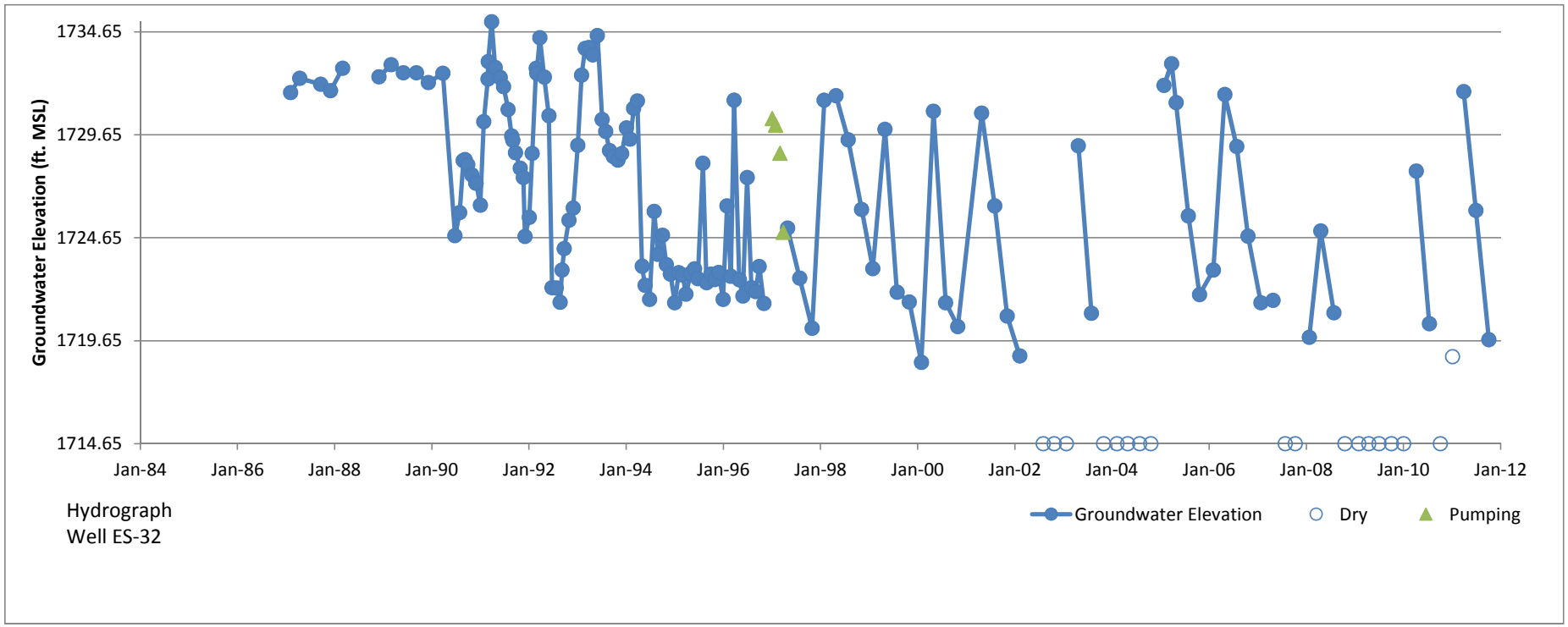

Groundwater Elevation (ft. MSL)
1736.32
1731.32
1726.32
1721.32
1716.32
1711.32
1706.32
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-27
Groundwater Elevation
Dry
Pumping

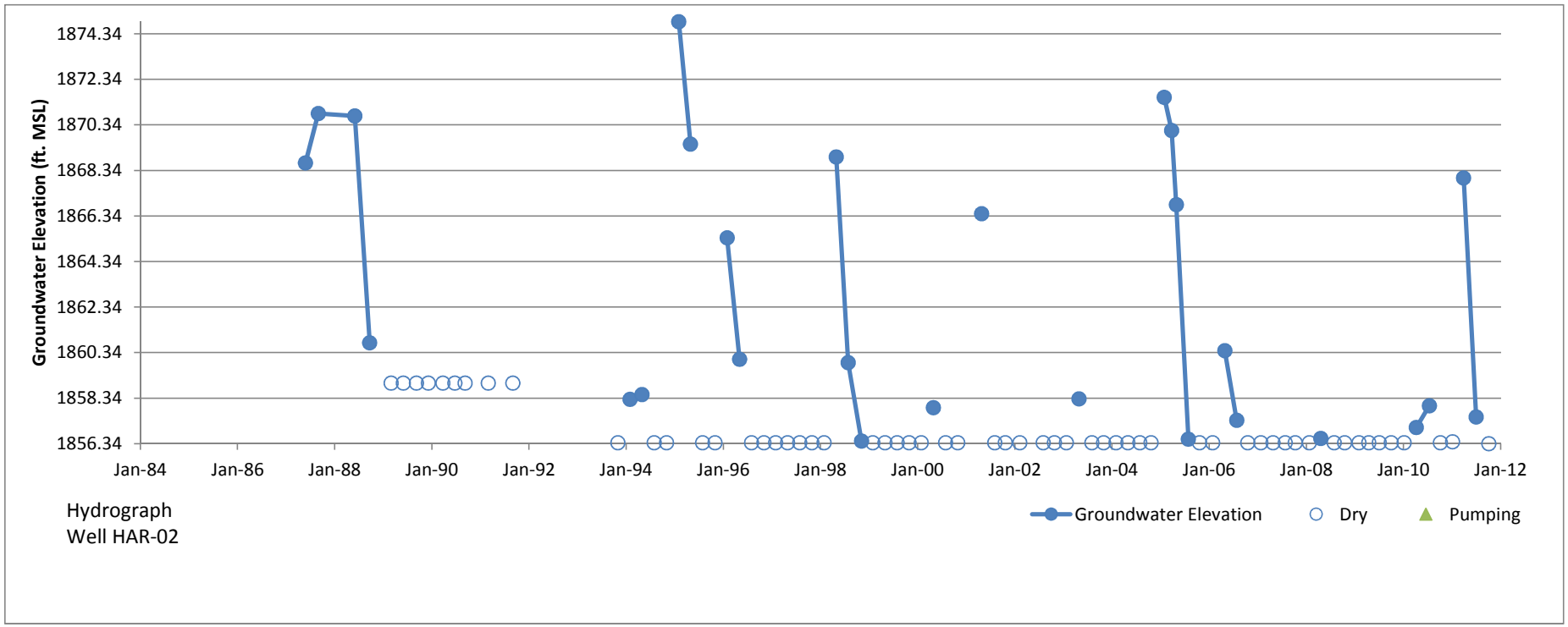

Groundwater Elevation (ft. MSL)
1753.29
1752.29
1751.29
1750.29
1749.29
1748.29
1747.29
1746.29
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-28
Groundwater Elevation
Dry
Pumping

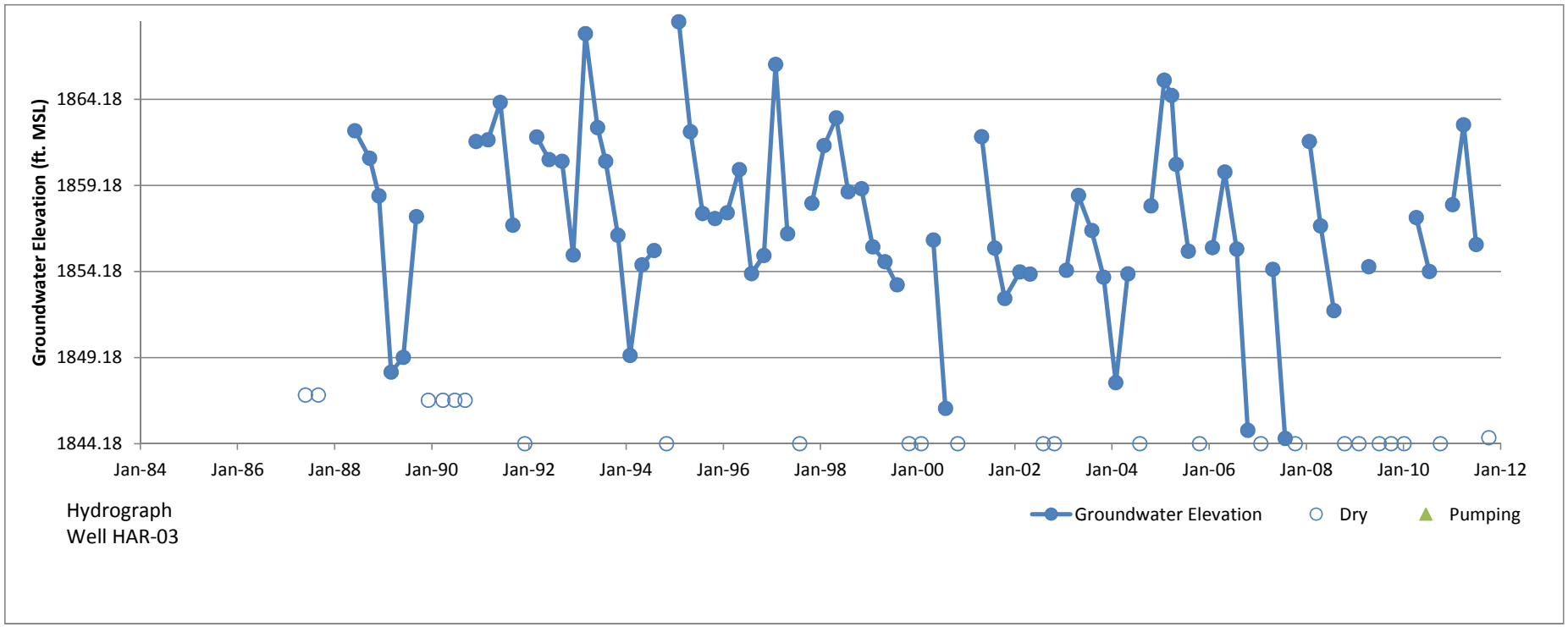

Groundwater Elevation (ft. MSL)
1754.02
1753.02
1752.02
1751.02
1750.02
1749.02
1748.02
1747.02
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-29
Groundwater Elevation
Dry
Pumping

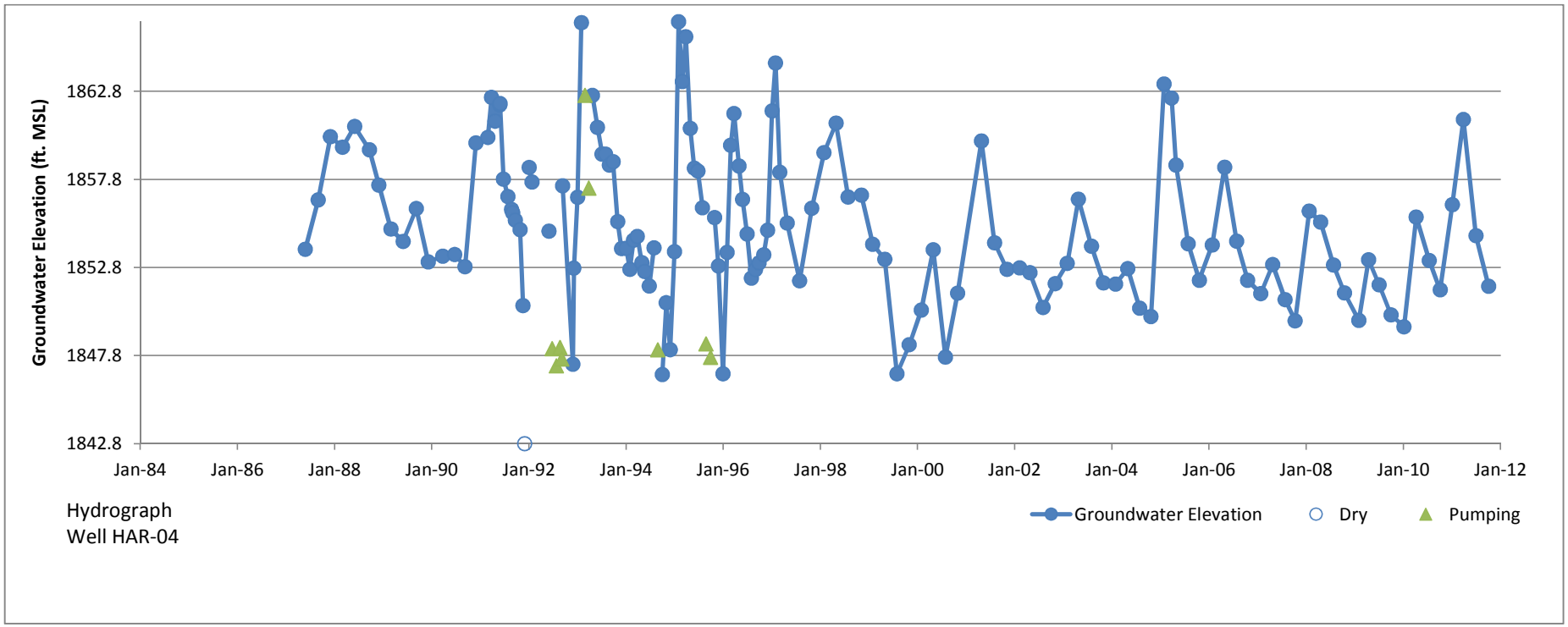

Groundwater Elevation (ft. MSL)
1751.51
1749.51
1747.51
1745.51
1743.51
1741.51
1739.51
1737.51
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-30
Groundwater Elevation
Dry
Pumping

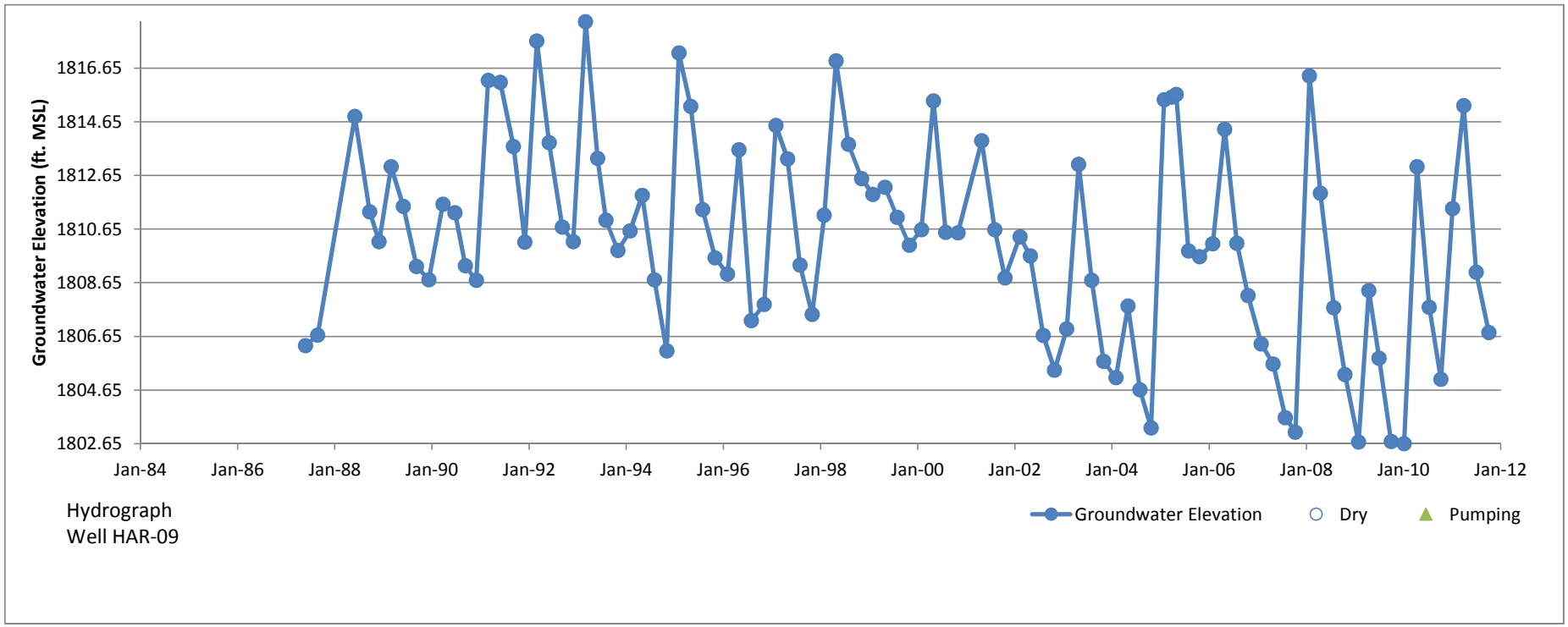

Groundwater Elevation (ft. MSL)
1780.71
1775.71
1770.71
1765.71
1760.71
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-31
Groundwater Elevation
Dry
Pumping

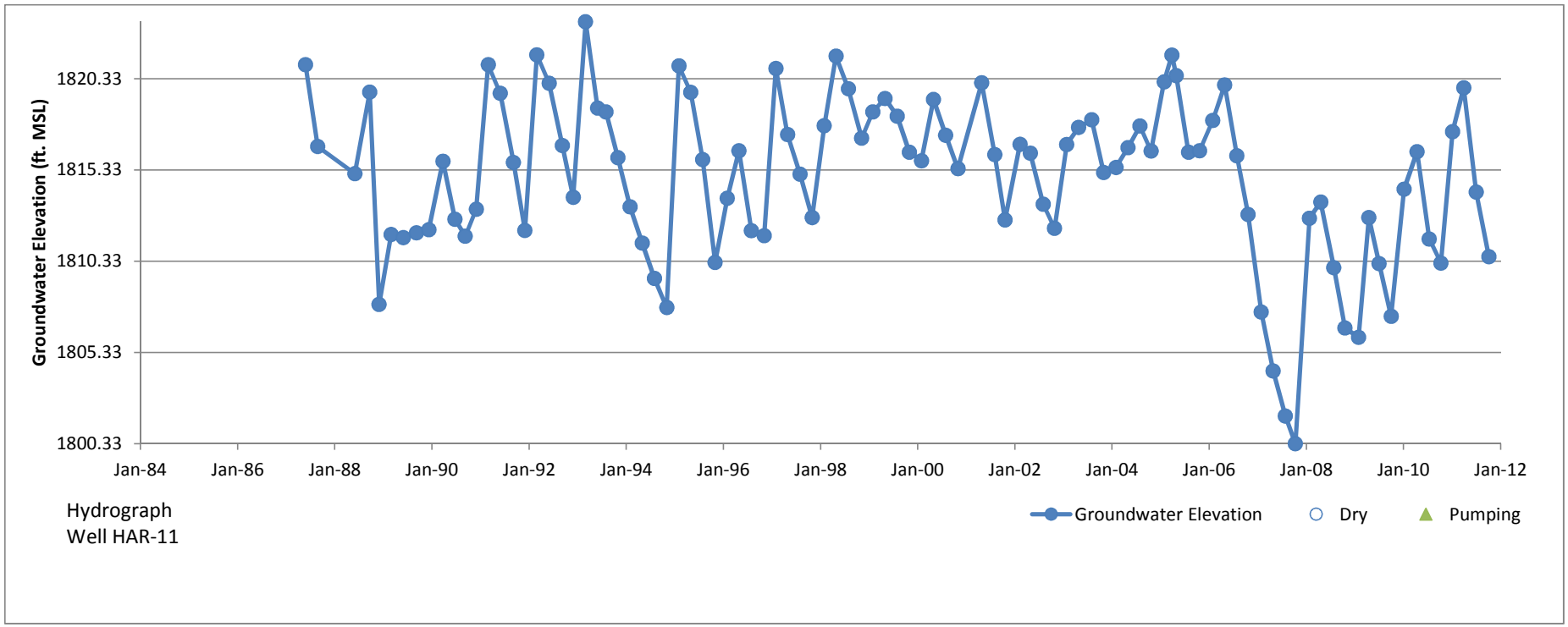

Groundwater Elevation (ft. MSL)
1734.65
1729.65
1724.65
1719.65
1714.65
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well ES-32
Groundwater Elevation
Dry
Pumping

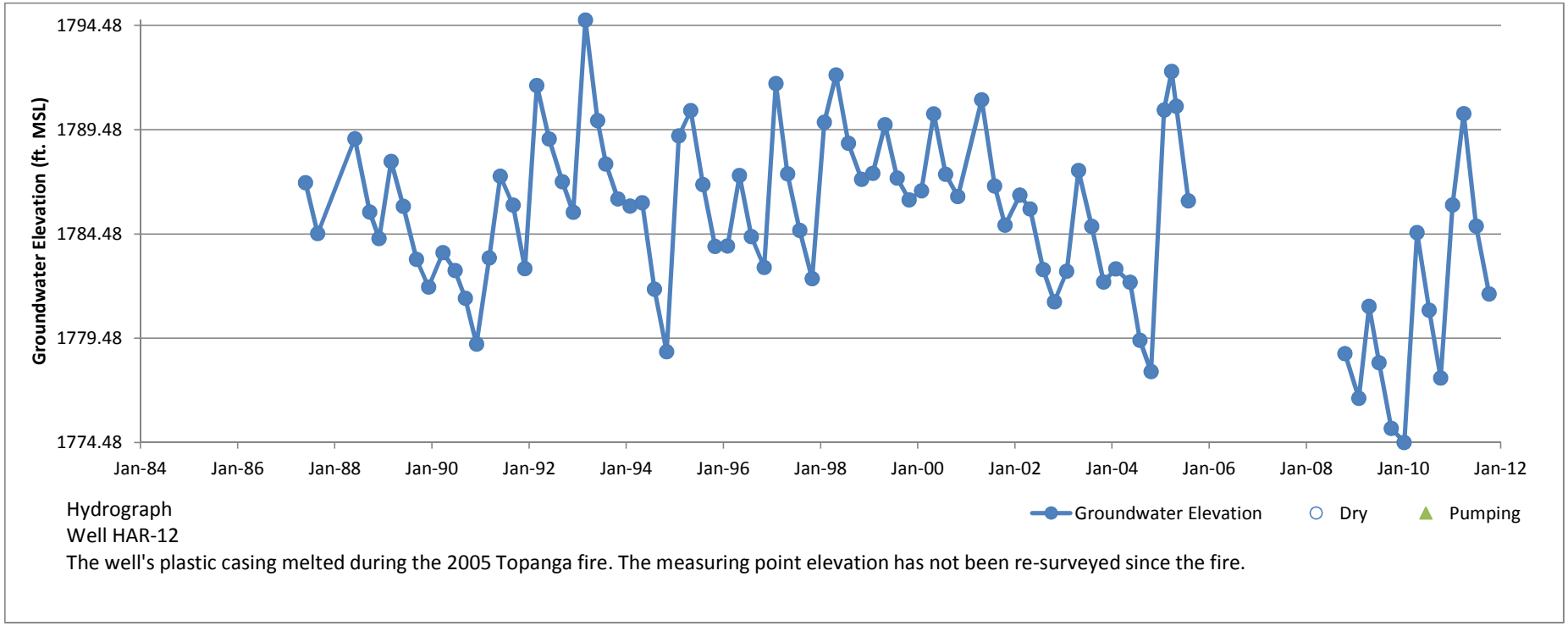

Groundwater Elevation (ft. MSL)
1874.34
1872.34
1870.34
1868.34
1866.34
1864.34
1862.34
1860.34
1858.34
1856.34
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-02
Groundwater Elevation
Dry
Pumping


Groundwater Elevation (ft. MSL)
1864.18
1859.18
1854.18
1849.18
1844.18
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-03
Groundwater Elevation
Dry
Pumping

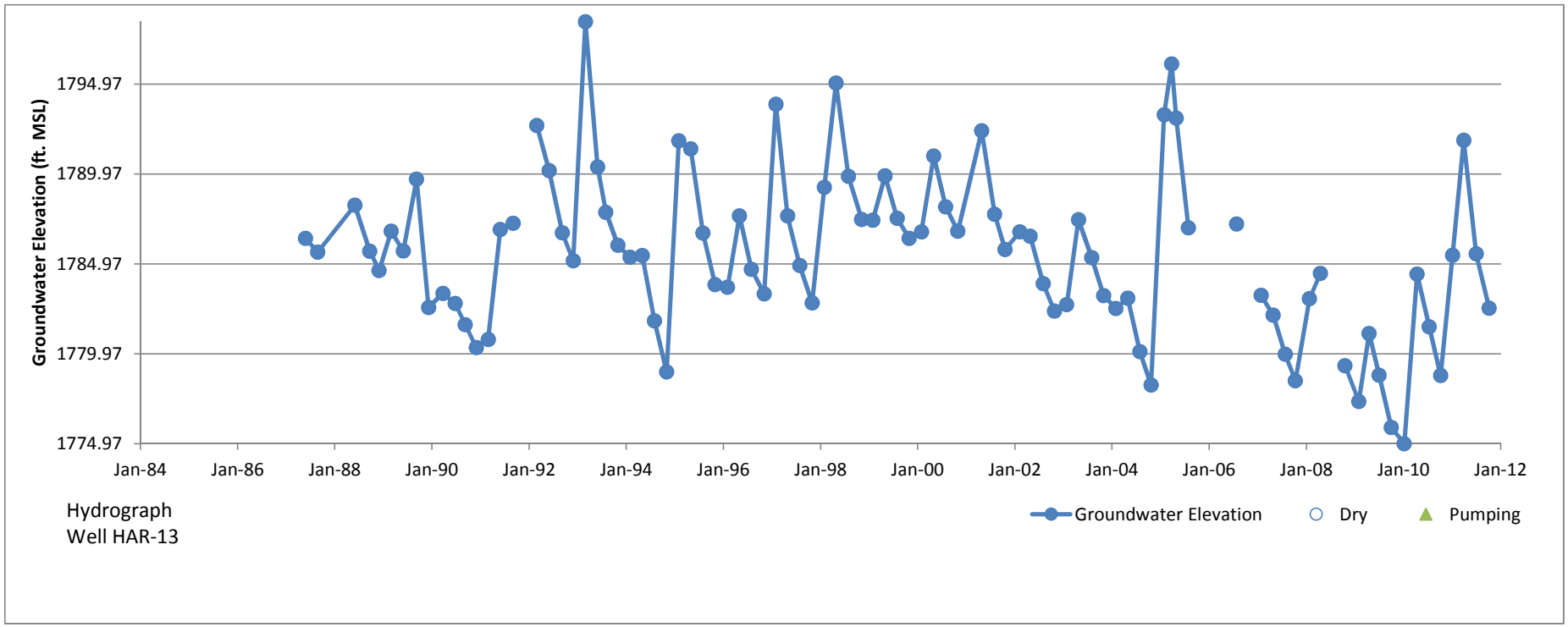

Groundwater Elevation (ft. MSL)
1862.8
1857.8
1852.8
1847.8
1842.8
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-04
Groundwater Elevation
Dry
Pumping

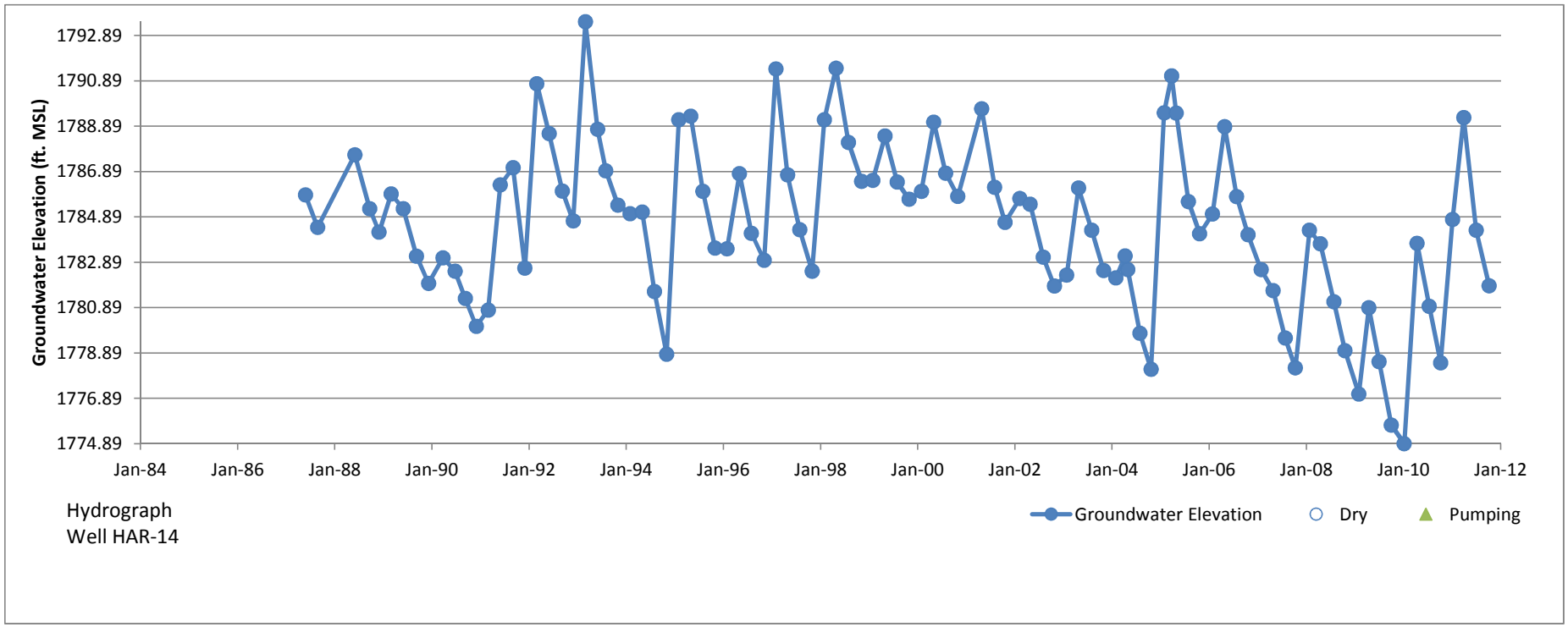

Groundwater Elevation (ft. MSL)
1816.65
1814.65
1812.65
1810.65
1808.65
1806.65
1804.65
1802.65
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-09
Groundwater Elevation
Dry
Pumping

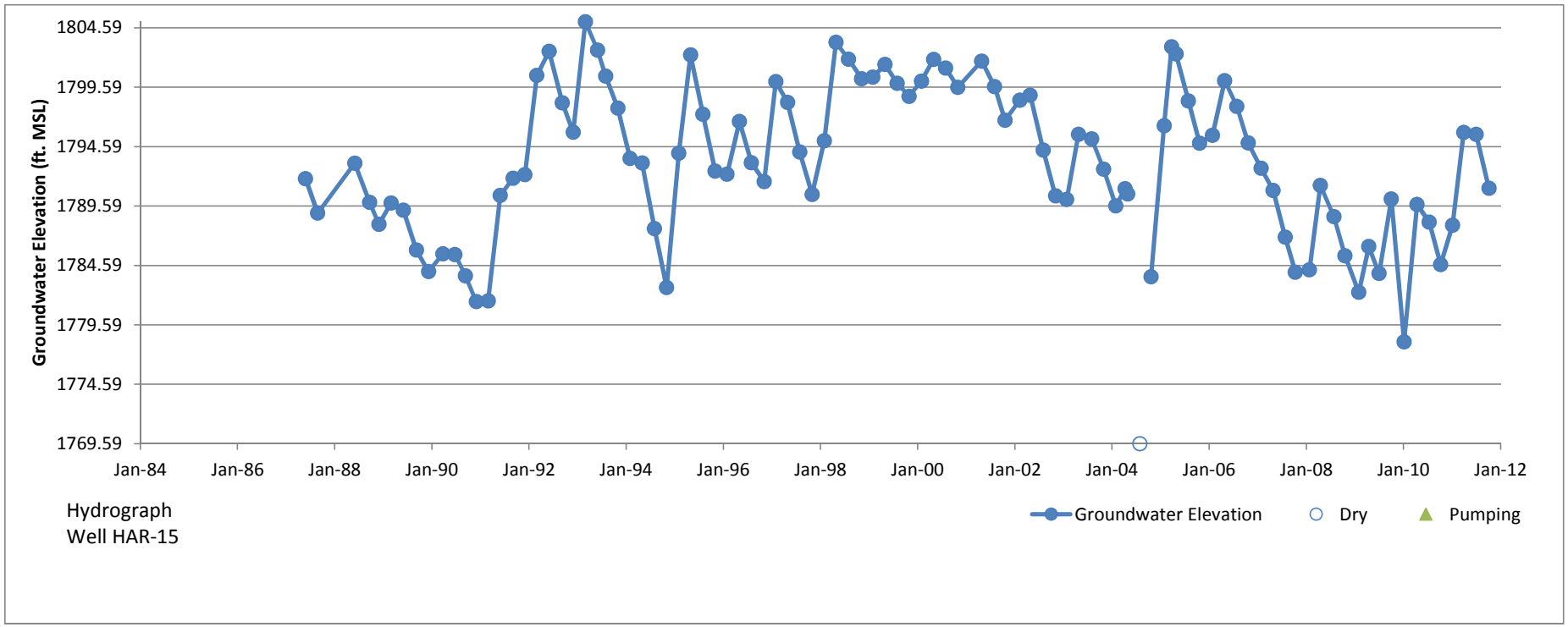

Groundwater Elevation (ft. MSL)
1820.33
1815.33
1810.33
1805.33
1800.33
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-11
Groundwater Elevation
Dry
Pumping

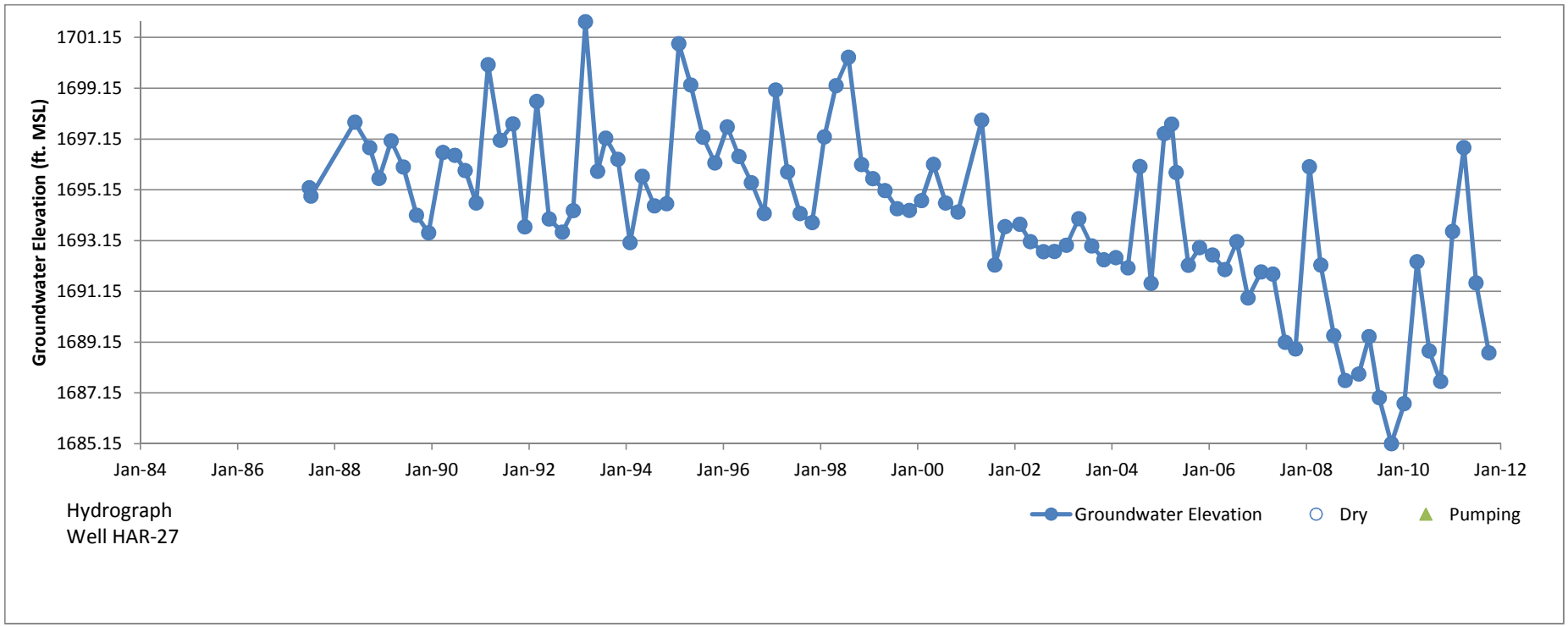


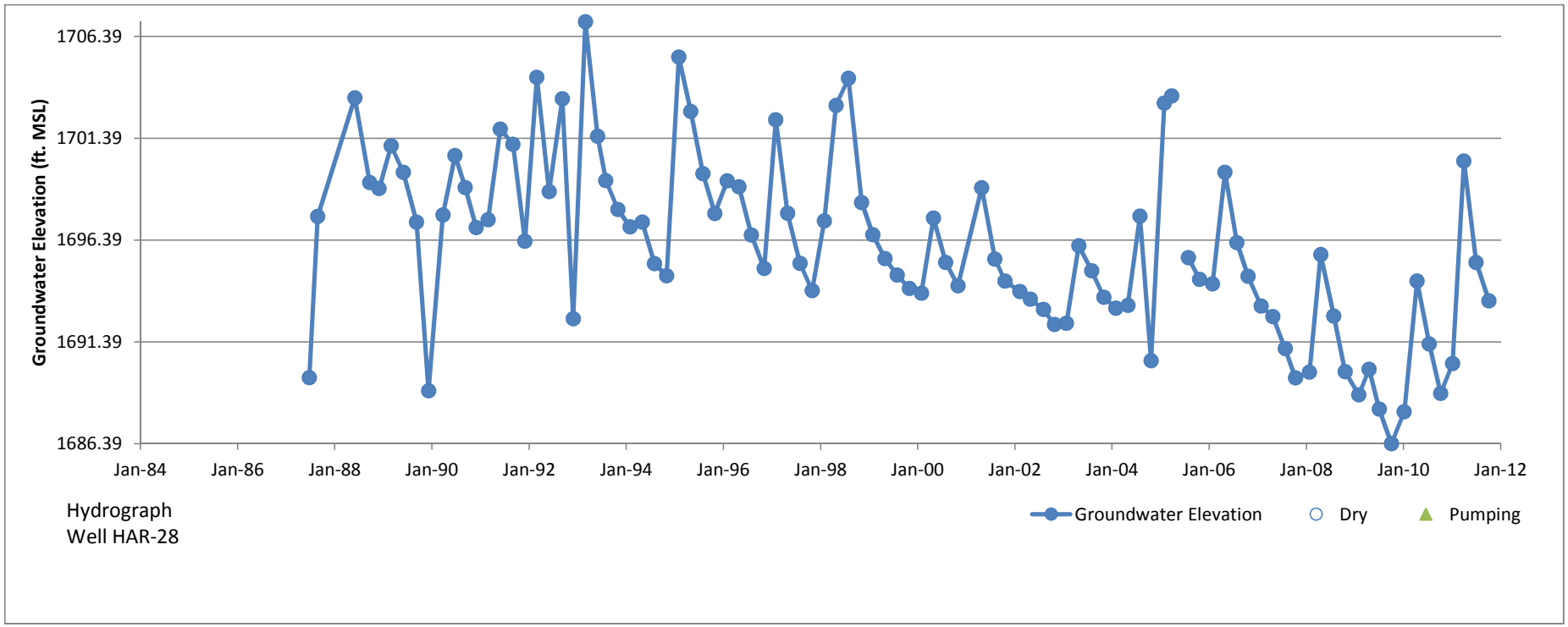
Hydrograph
Well HAR-12
The well's plastic casing melted during the 2005 Topanga fire. The measuring point elevation has not been re-surveyed since the fire.

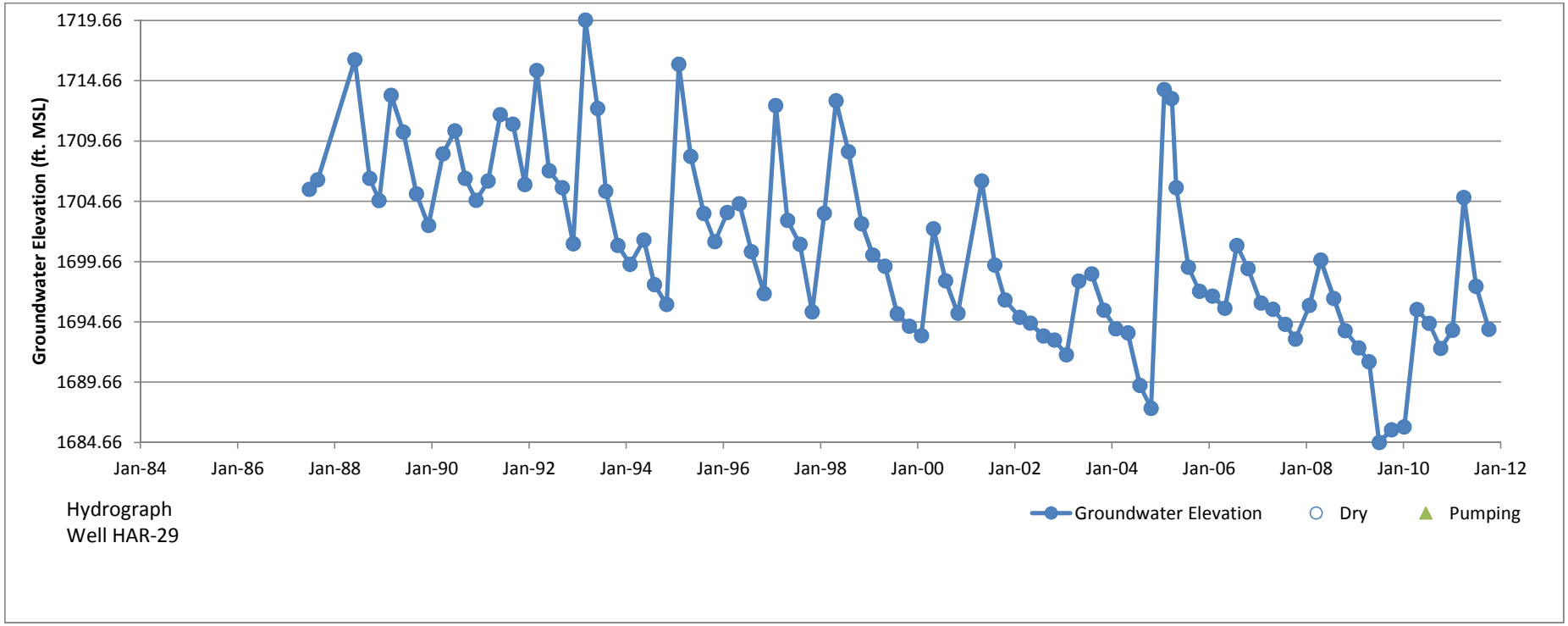

Groundwater Elevation (ft. MSL)
1794.97
1789.97
1784.97
1779.97
1774.97
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-13
Groundwater Elevation
Dry
Pumping

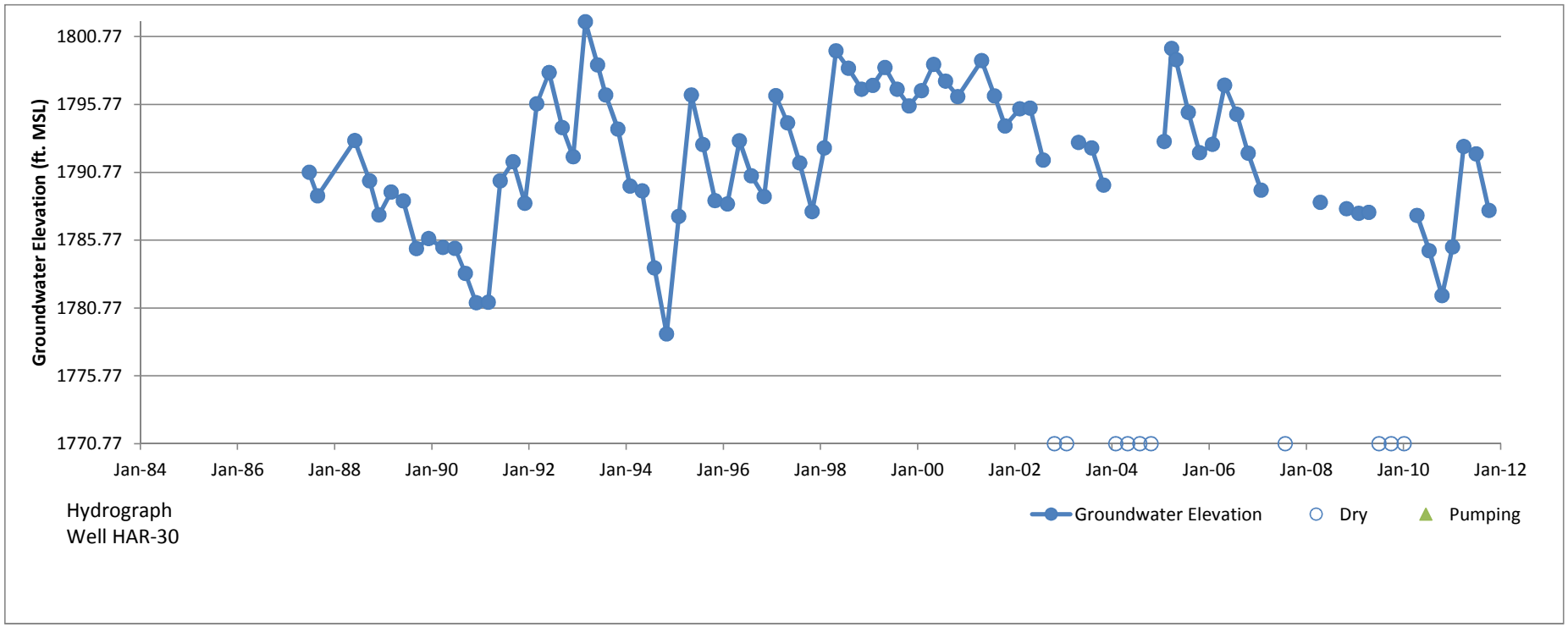

Groundwater Elevation (ft. MSL)
1792.89
1790.89
1788.89
1786.89
1784.89
1782.89
1780.89
1778.89
1776.89
1774.89
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-14
Groundwater Elevation
Dry
Pumping

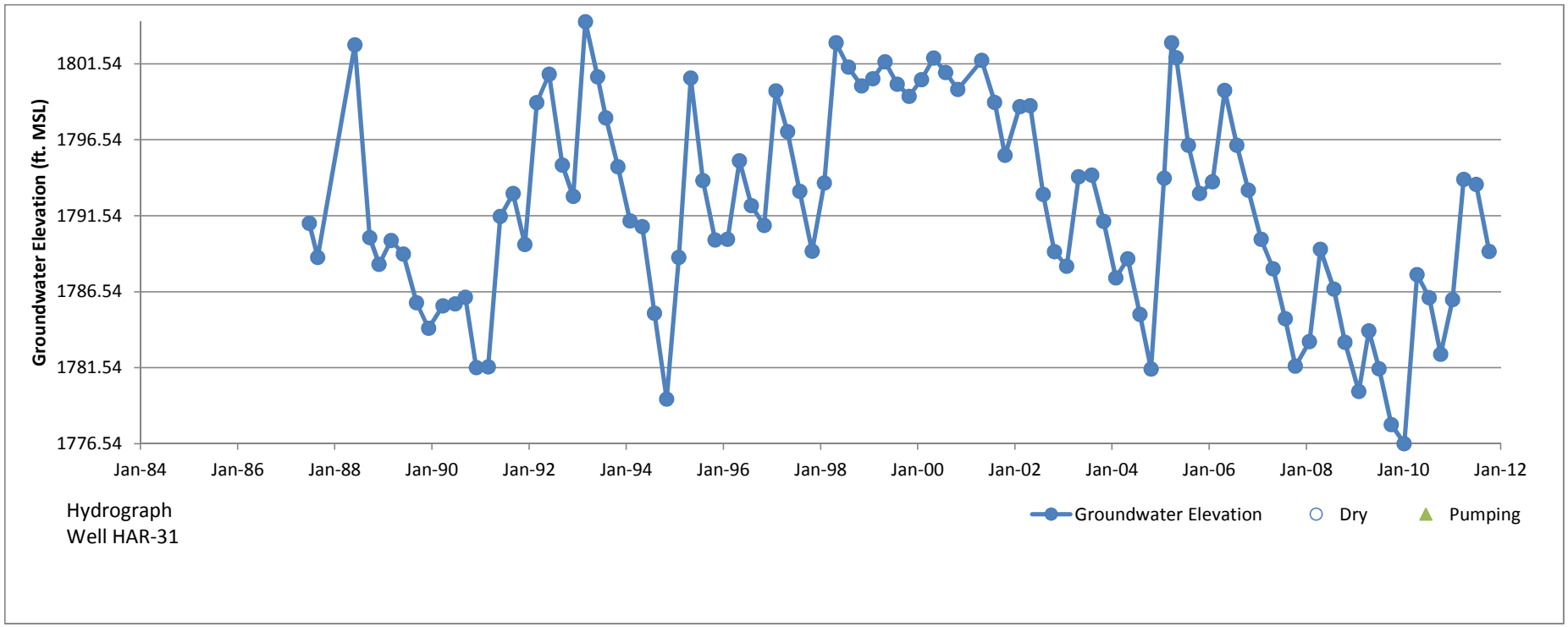

Groundwater Elevation (ft. MSL)
1804.59
1799.59
1794.59
1789.59
1784.59
1779.59
1774.59
1769.59
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-15
Groundwater Elevation
Dry
Pumping

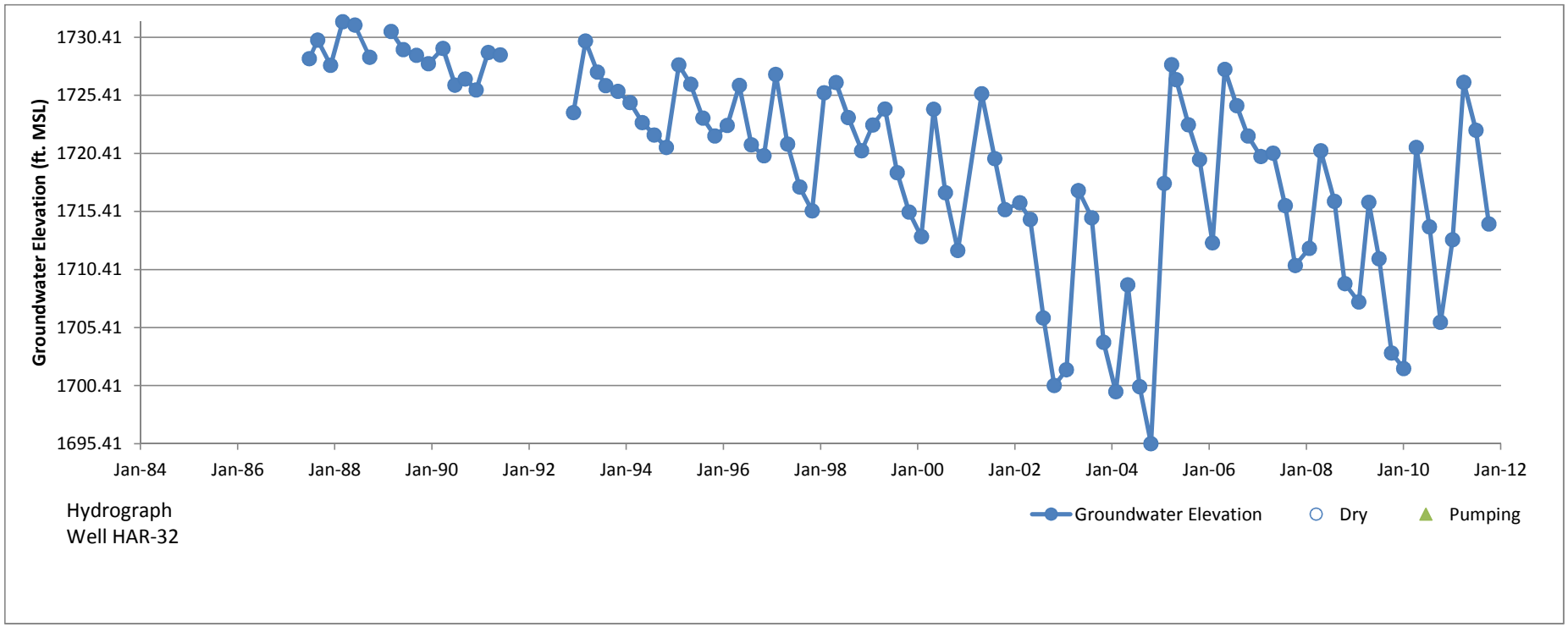

Groundwater Elevation (ft. MSL)
1701.15
1699.15
1697.15
1695.15
1693.15
1691.15
1689.15
1687.15
1685.15
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-27
Groundwater Elevation
Dry
Pumping

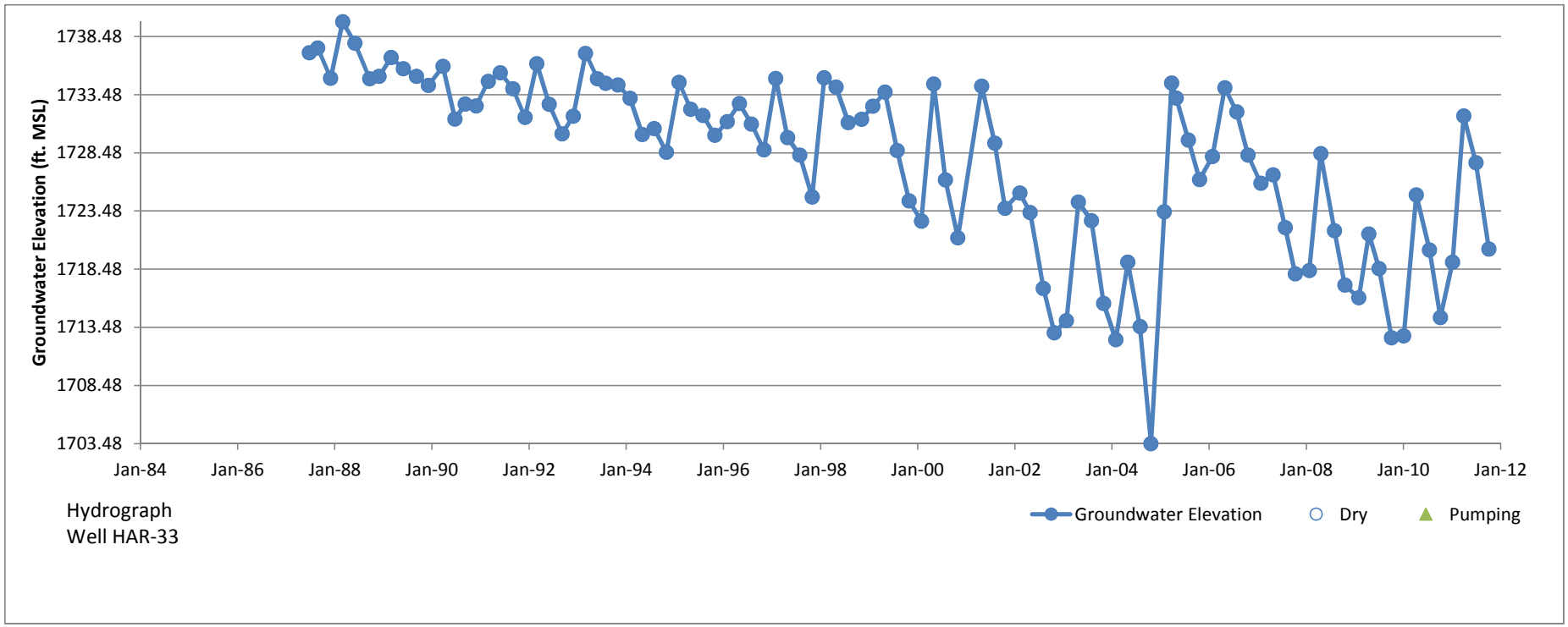

Groundwater Elevation (ft. MSL)
1706.39
1701.39
1696.39
1691.39
1686.39
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-28
Groundwater Elevation
Dry
Pumping

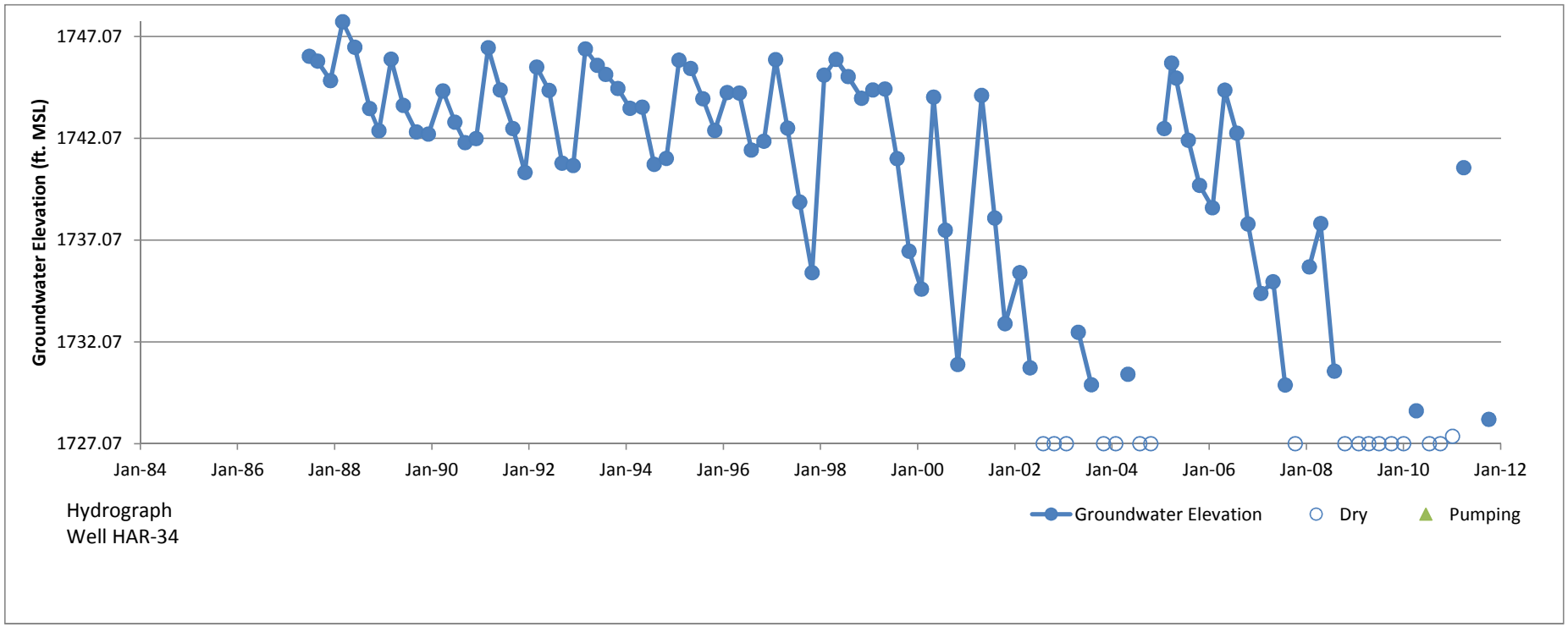

Groundwater Elevation (ft. MSL)
1719.66
1714.66
1709.66
1704.66
1699.66
1694.66
1689.66
1684.66
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-29
Groundwater Elevation
Dry
Pumping

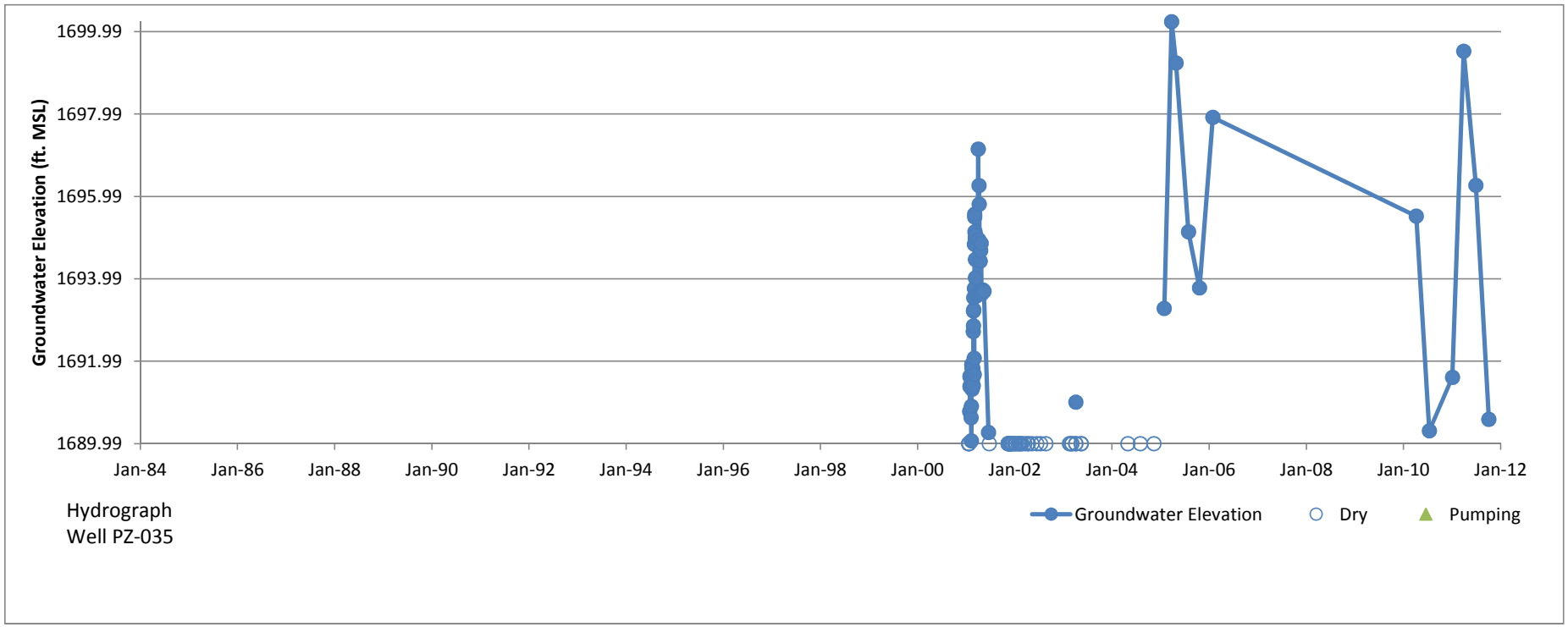

Groundwater Elevation (ft. MSL)
1800.77
1795.77
1790.77
1785.77
1780.77
1775.77
1770.77
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-30
Groundwater Elevation
Dry
Pumping

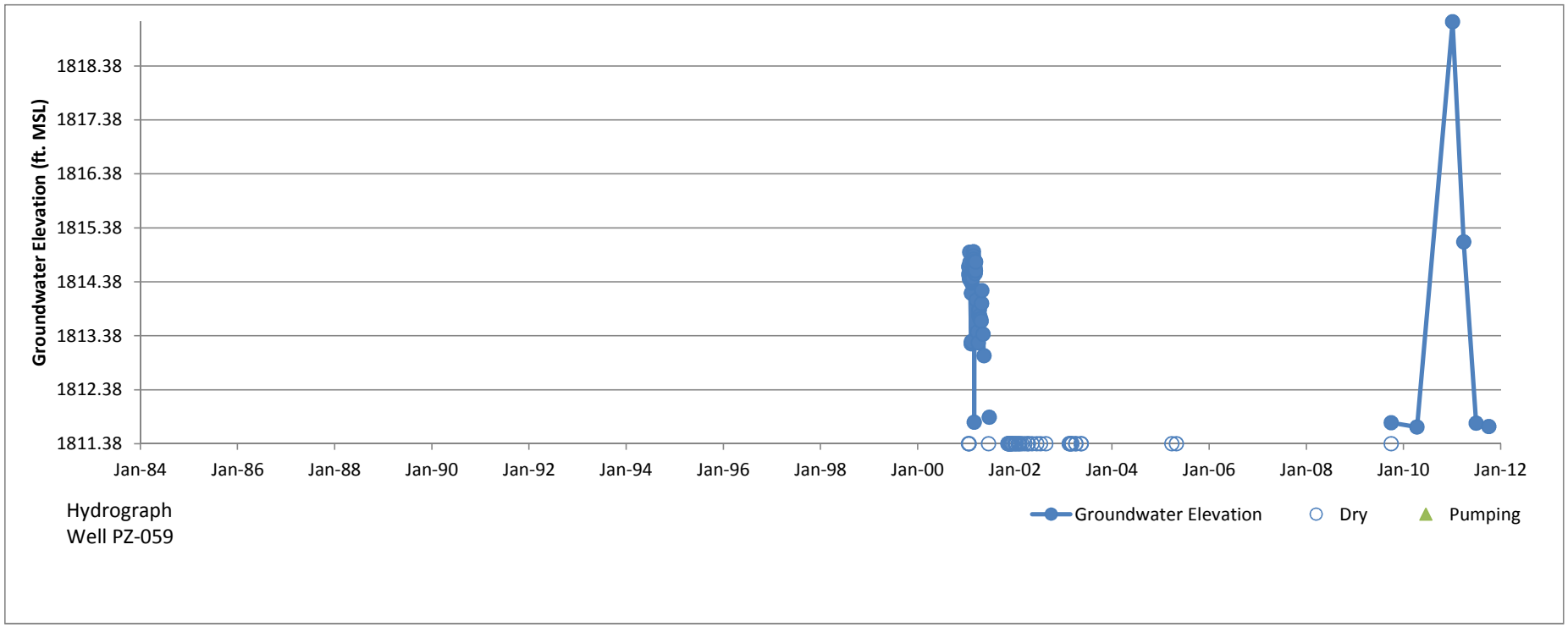

Groundwater Elevation (ft. MSL)
1801.54
1796.54
1791.54
1786.54
1781.54
1776.54
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-31
Groundwater Elevation
Dry
Pumping

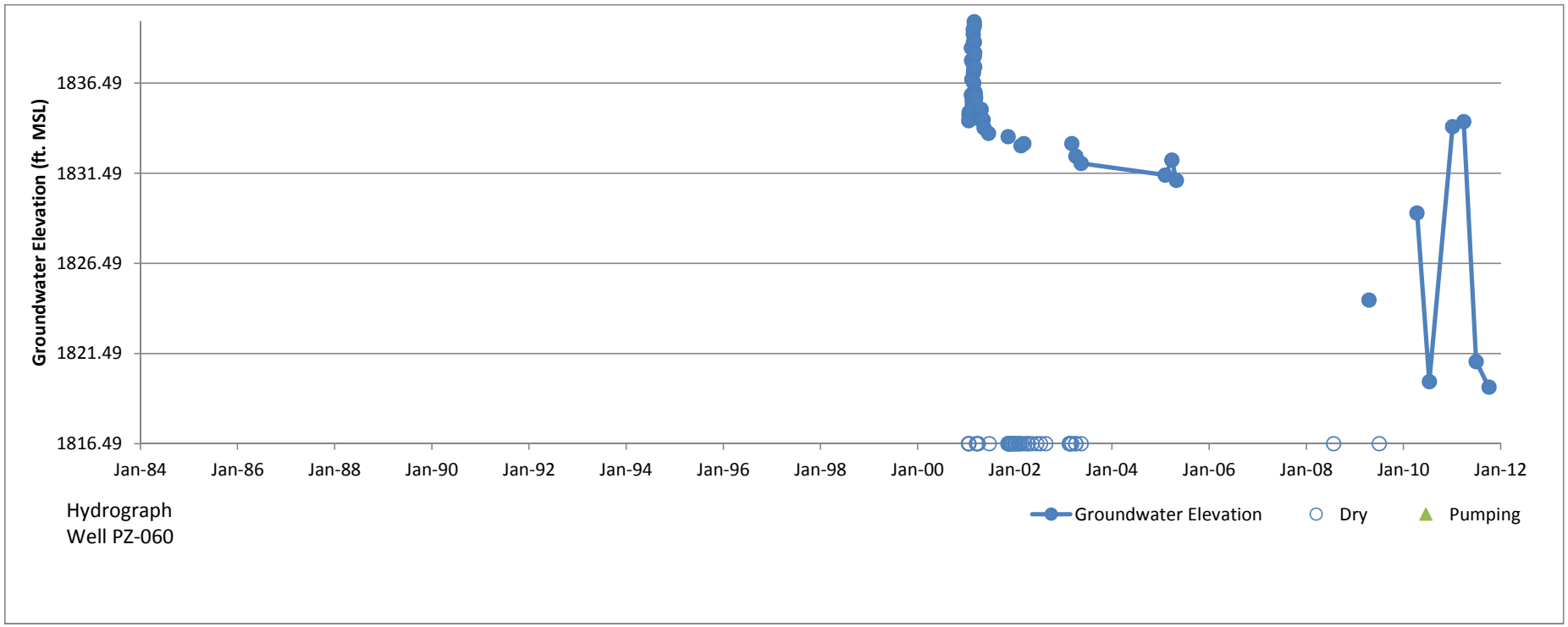

Groundwater Elevation (ft. MSL)
1730.41
1725.41
1720.41
1715.41
1710.41
1705.41
1700.41
1695.41
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-32
Groundwater Elevation
Dry
Pumping

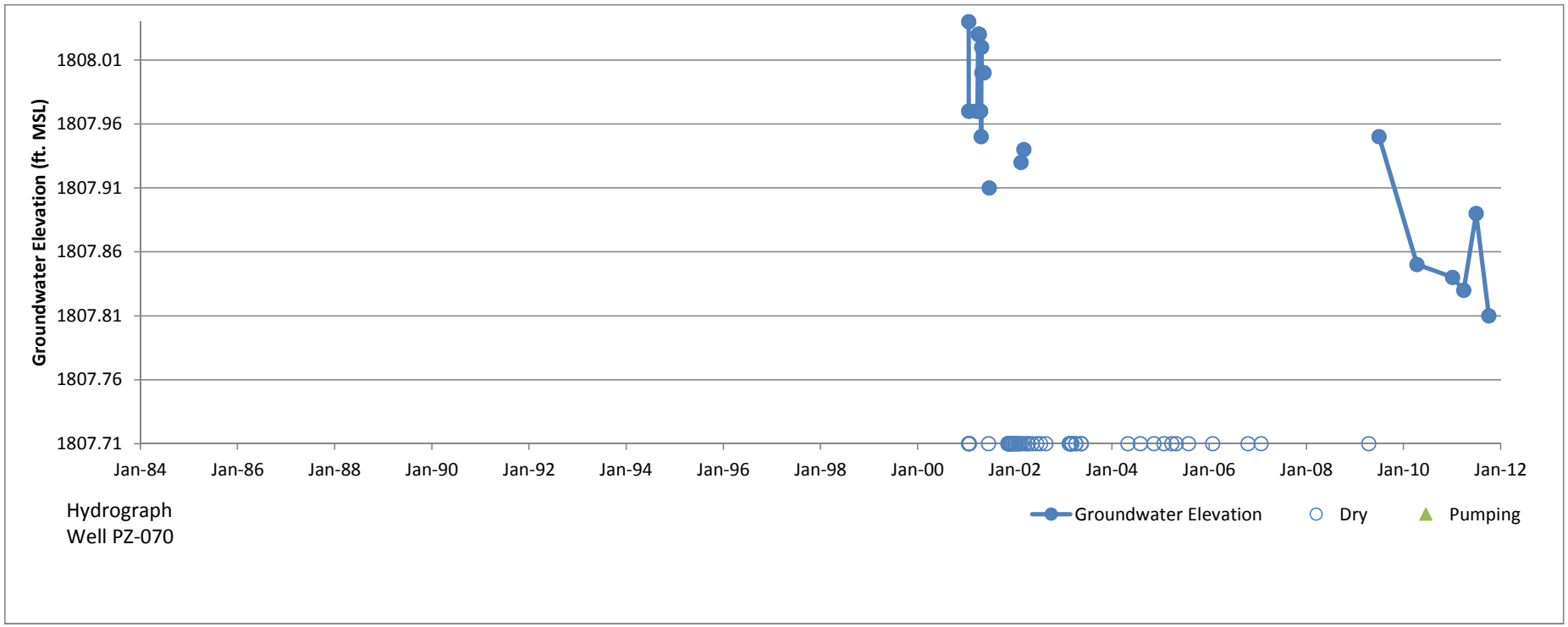

Groundwater Elevation (ft. MSL)
1738.48
1733.48
1728.48
1723.48
1718.48
1713.48
1708.48
1703.48
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-33
Groundwater Elevation
Dry
Pumping

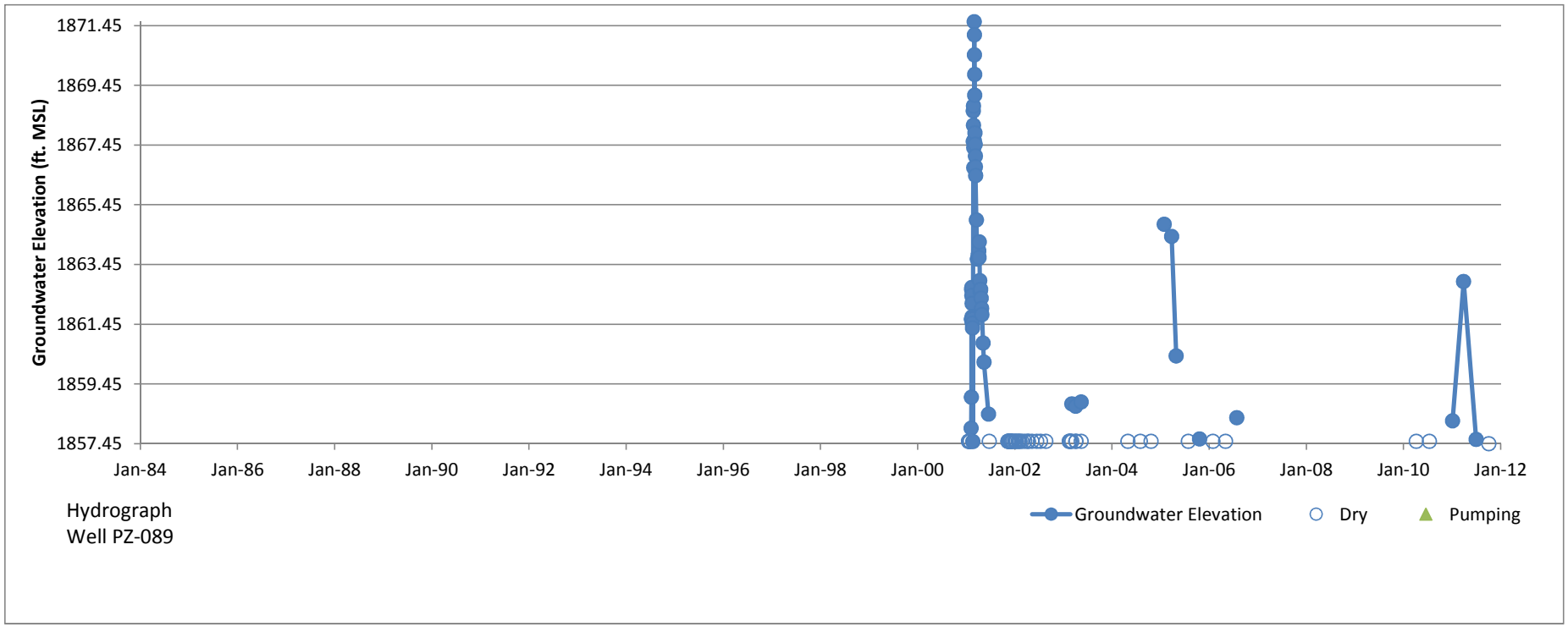

Groundwater Elevation (ft. MSL)
1747.07
1742.07
1737.07
1732.07
1727.07
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-34
Groundwater Elevation
Dry
Pumping

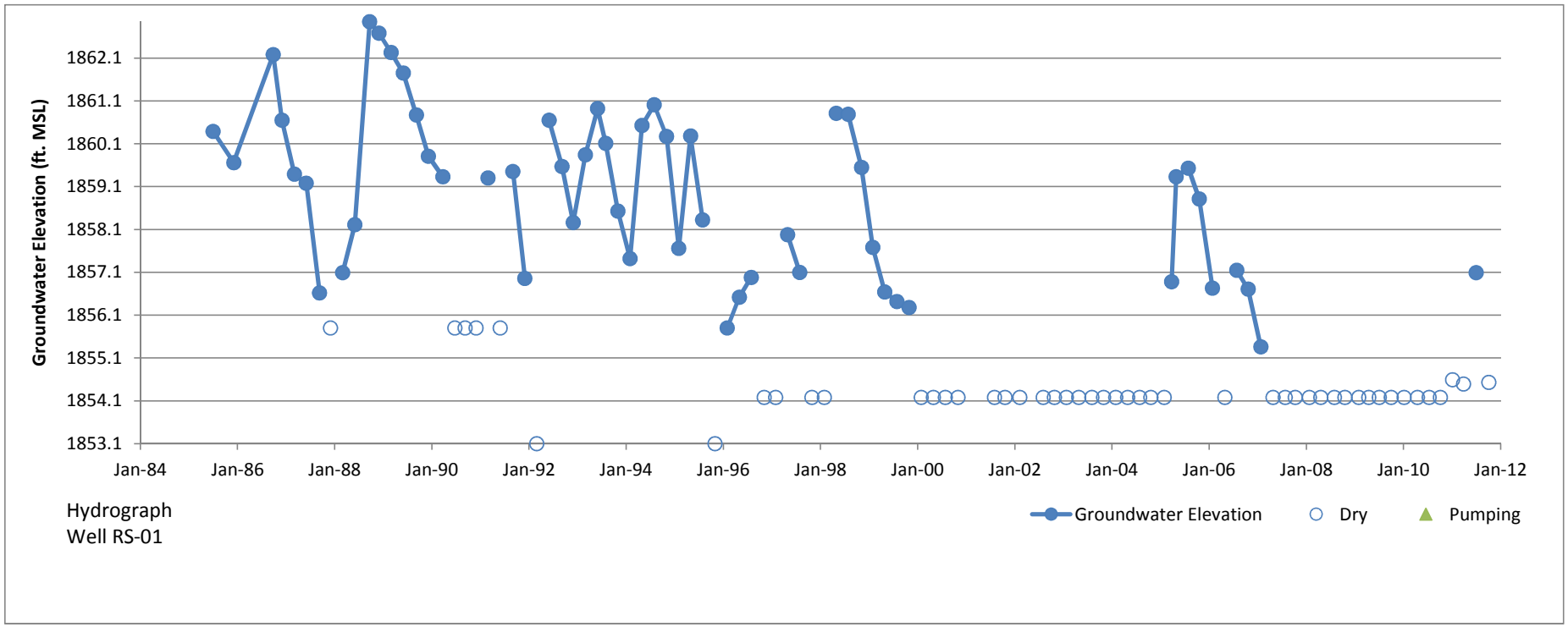

Groundwater Elevation (ft. MSL)
1699.99
1697.99
1695.99
1693.99
1691.99
1689.99
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well PZ-035
Groundwater Elevation
Dry
Pumping

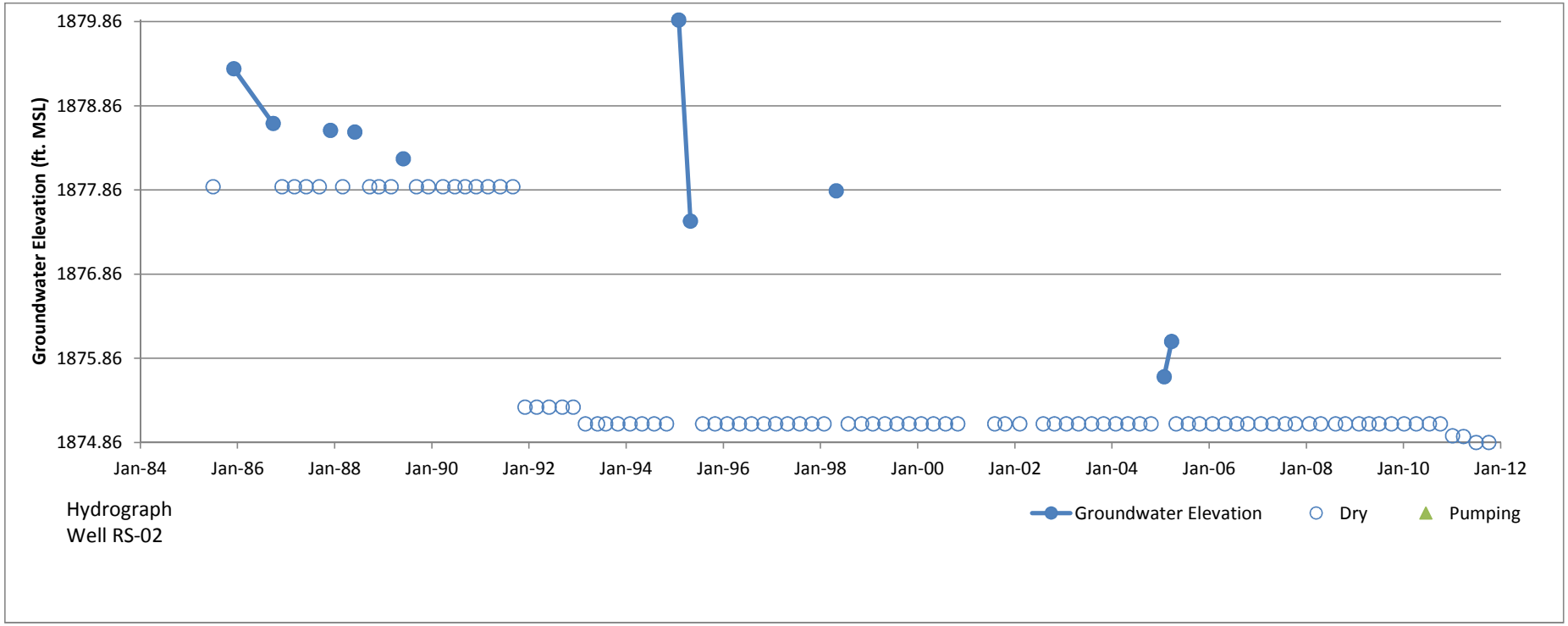

Groundwater Elevation (ft. MSL)
1818.38
1817.38
1816.38
1815.38
1814.38
1813.38
1812.38
1811.38
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well PZ-059
Groundwater Elevation
Dry
Pumping

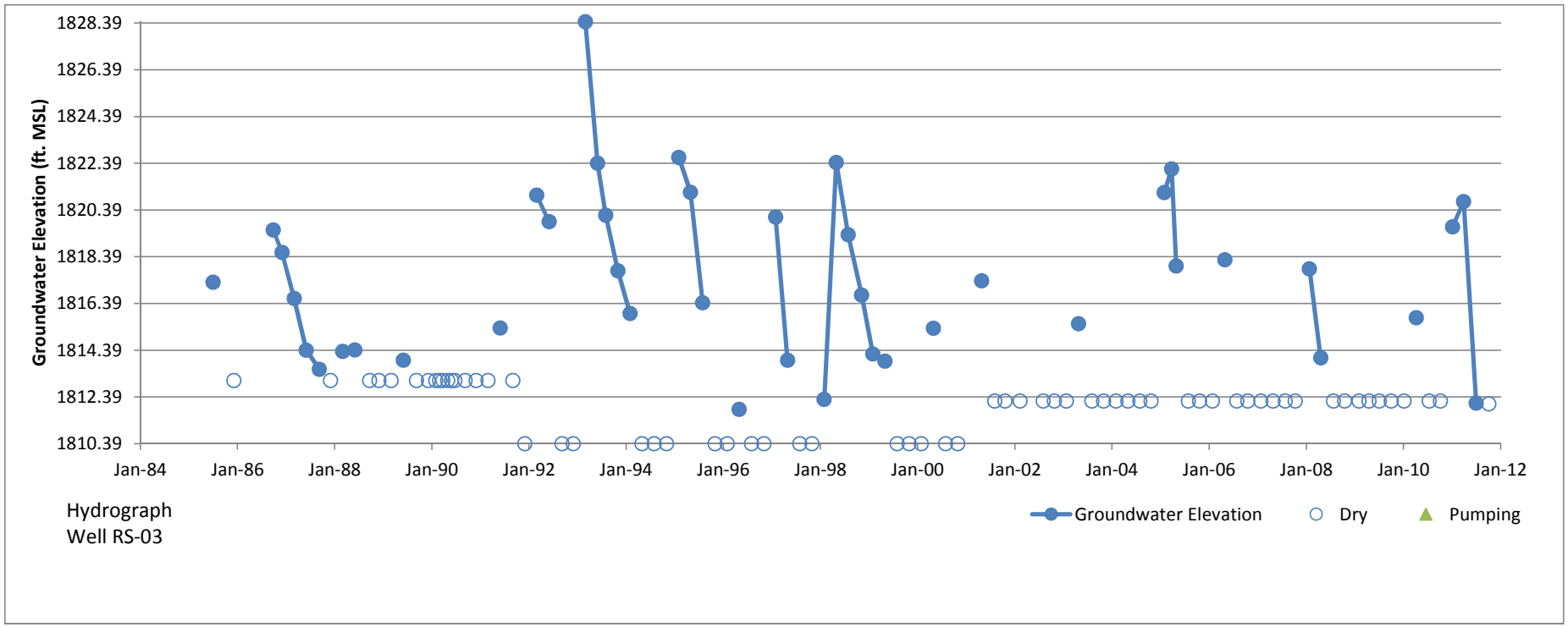

Groundwater Elevation (ft. MSL)
1836.49
1831.49
1826.49
1821.49
1816.49
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well PZ-060
Groundwater Elevation
Dry
Pumping

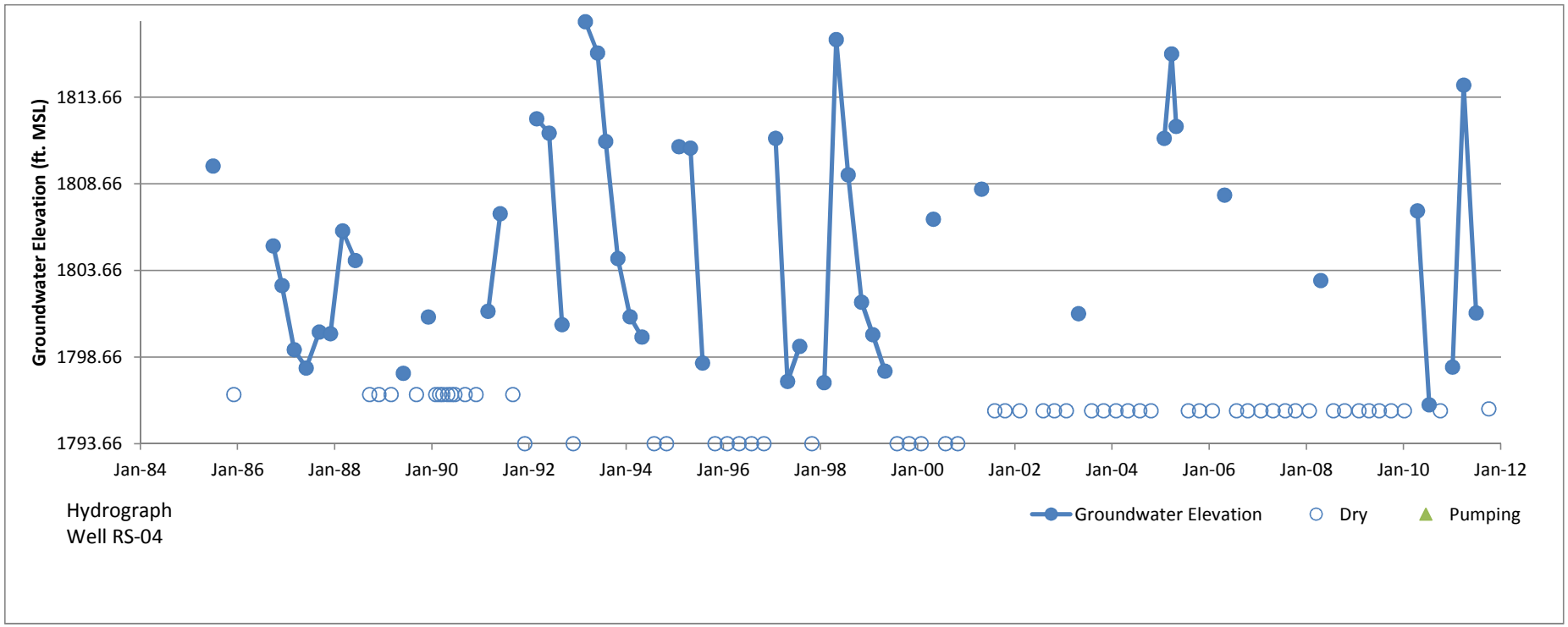

Groundwater Elevation (ft. MSL)
1808.01
1807.96
1807.91
1807.86
1807.81
1807.76
1807.71
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well PZ-070
Groundwater Elevation
Dry
Pumping

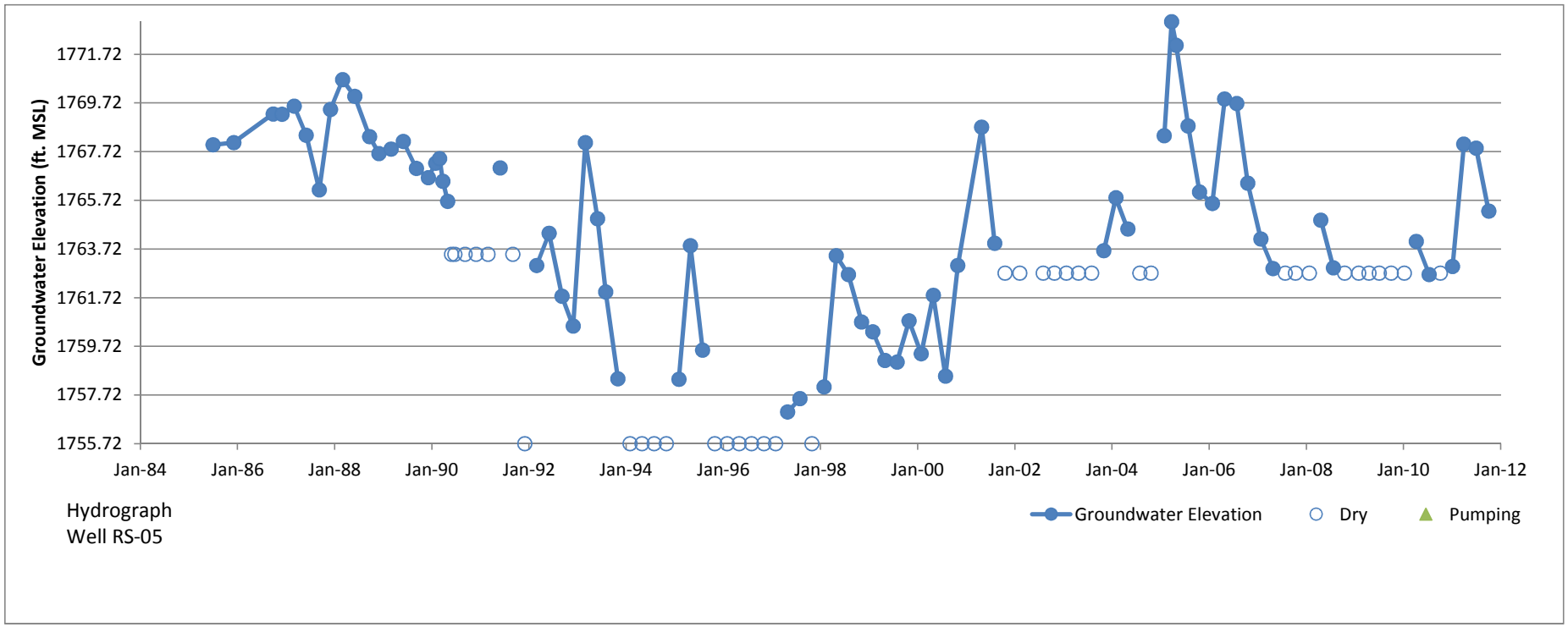

Groundwater Elevation (ft. MSL)
1871.45
1869.45
1867.45
1865.45
1863.45
1861.45
1859.45
1857.45
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well PZ-089
Groundwater Elevation
Dry
Pumping

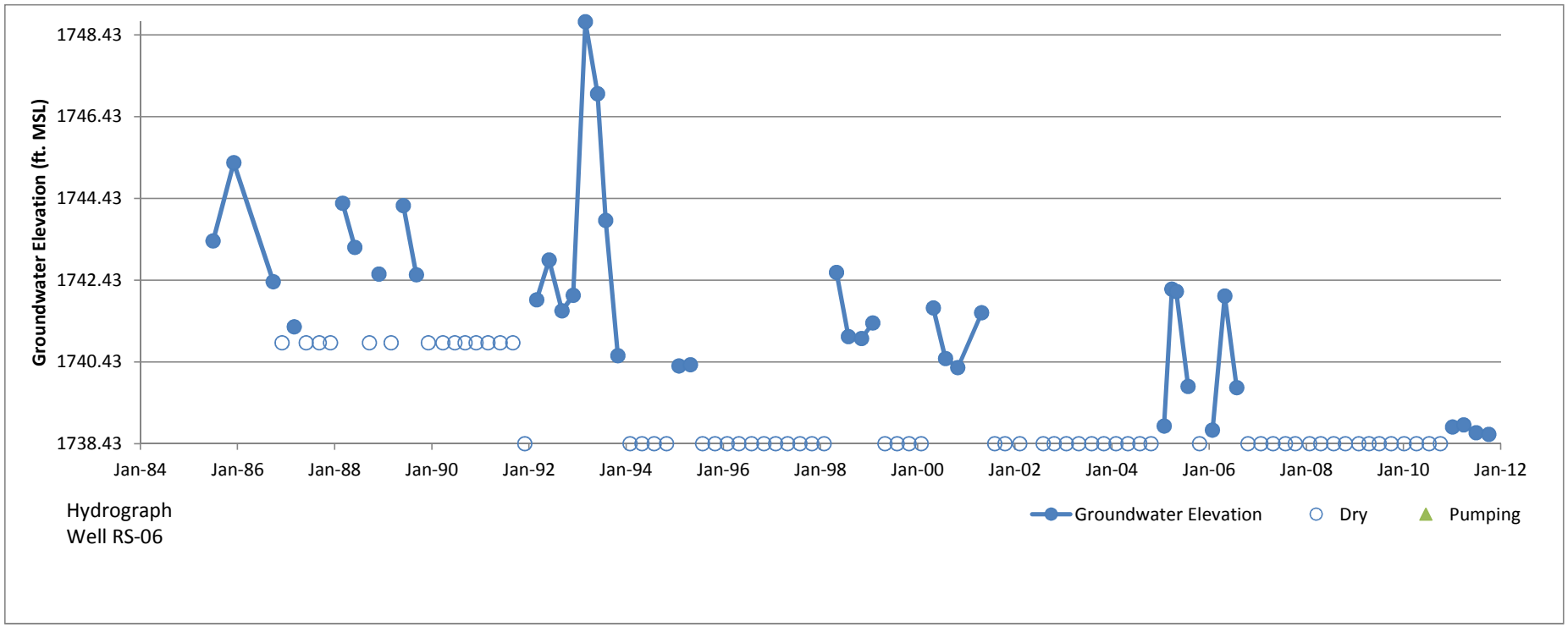

Groundwater Elevation (ft. MSL)
1862.1
1861.1
1860.1
1859.1
1858.1
1857.1
1856.1
1855.1
1854.1
1853.1
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-01
Groundwater Elevation
Dry
Pumping

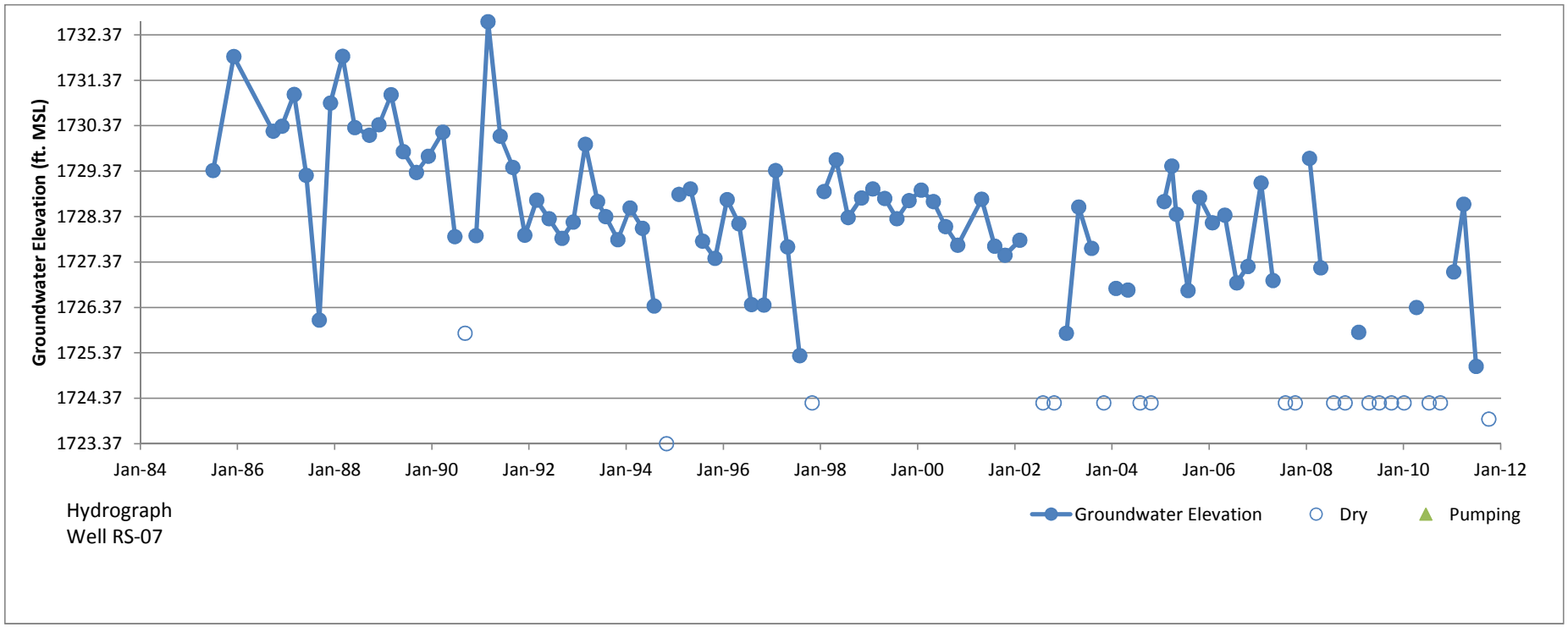

1879.86
1878.86
1877.86
1876.86
1875.86
1874.86
Groundwater Elevation (ft. MSL)
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-02
Groundwater Elevation
Dry
Pumping

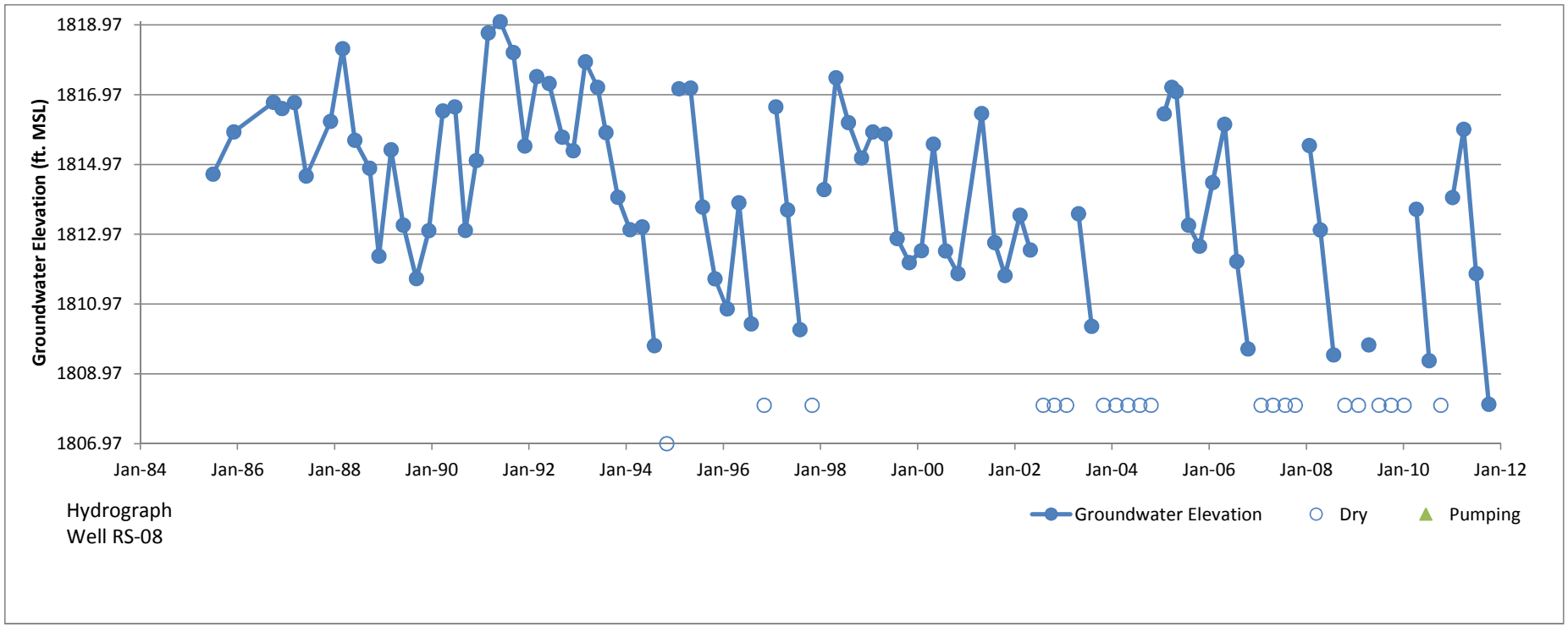

Groundwater Elevation (ft. MSL)
1828.39
1826.39
1824.39
1822.39
1820.39
1818.39
1816.39
1814.39
1812.39
1810.39
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-03
Groundwater Elevation
Dry
Pumping

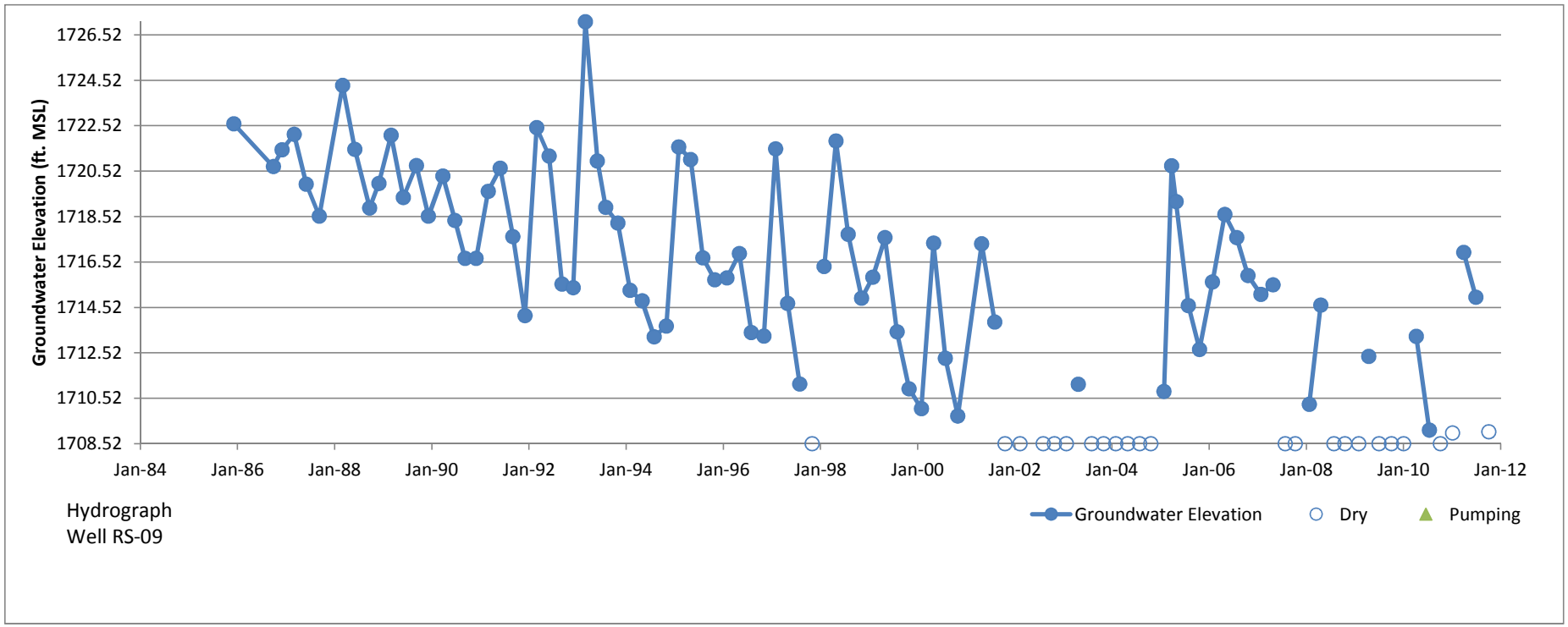

Groundwater Elevation (ft. MSL)
1813.66
1808.66
1803.66
1798.66
1793.66
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-04
Groundwater Elevation
Dry
Pumping

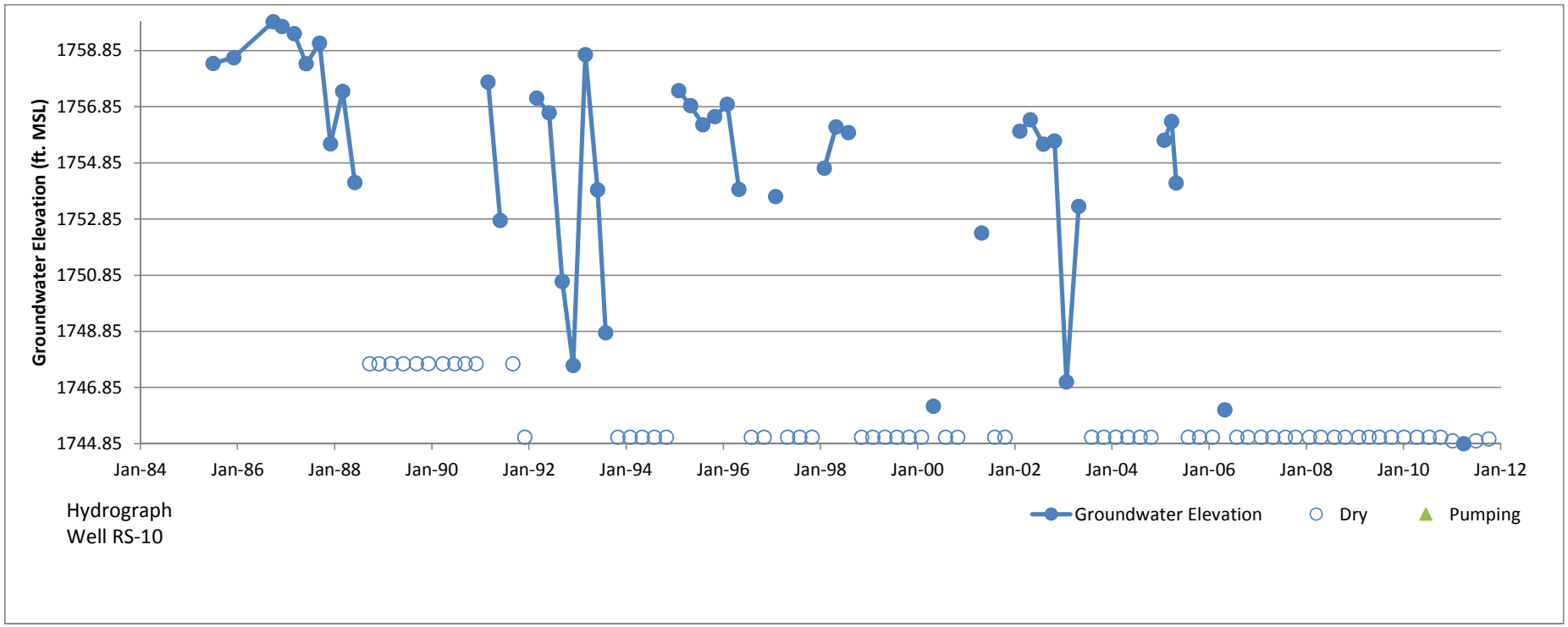

Groundwater Elevation (ft. MSL)
1771.72
1769.72
1767.72
1765.72
1763.72
1761.72
1759.72
1757.72
1755.72
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-05
Groundwater Elevation
Dry
Pumping

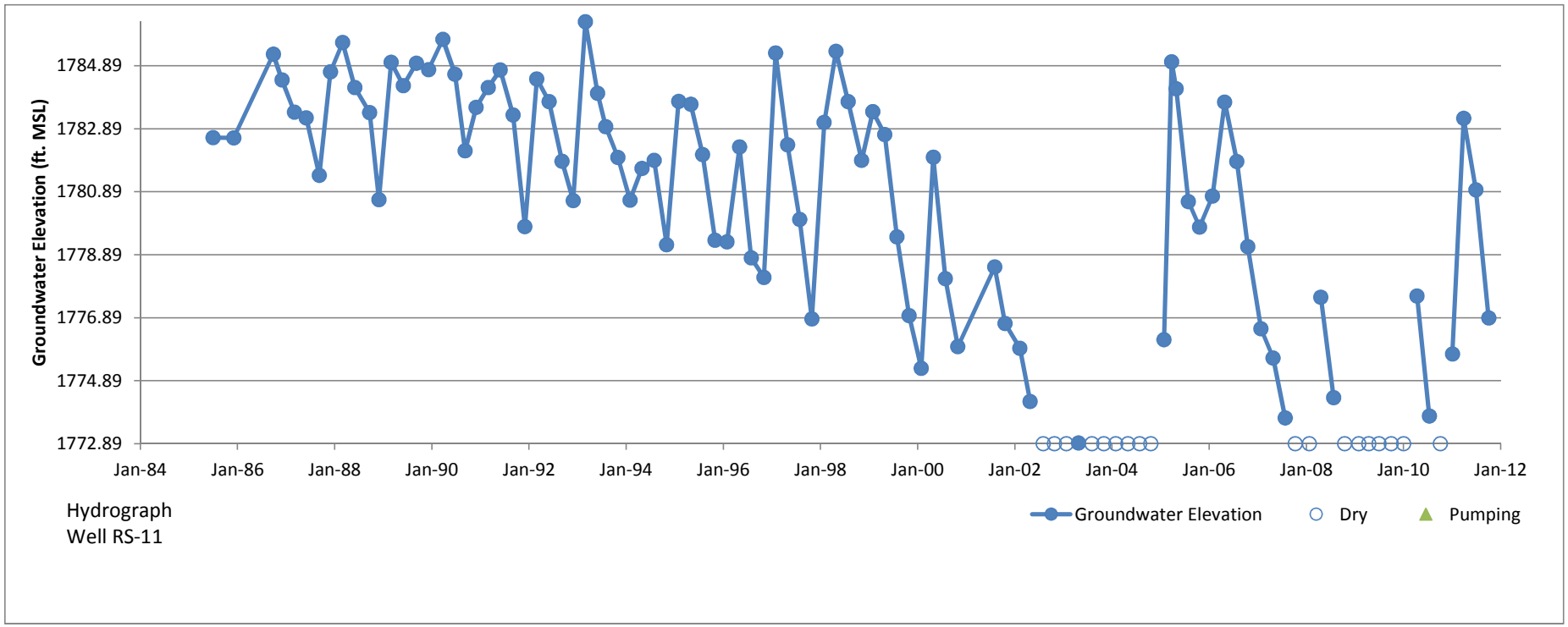

Groundwater Elevation (ft. MSL)
1748.43
1746.43
1744.43
1742.43
1740.43
1738.43
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-06
Groundwater Elevation
Dry
Pumping

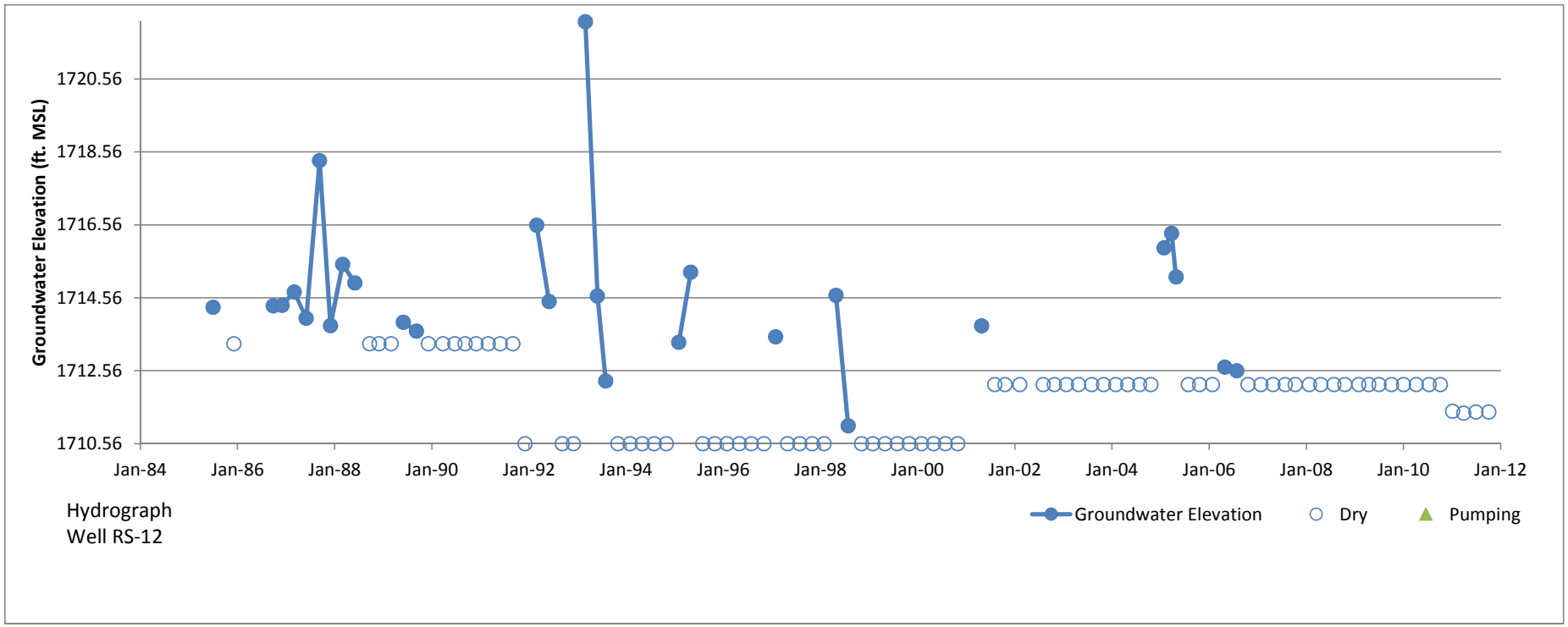

Groundwater Elevation (ft. MSL)
1732.37
1731.37
1730.37
1729.37
1728.37
1727.37
1726.37
1725.37
1724.37
1723.37
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-07
Groundwater Elevation
Dry
Pumping

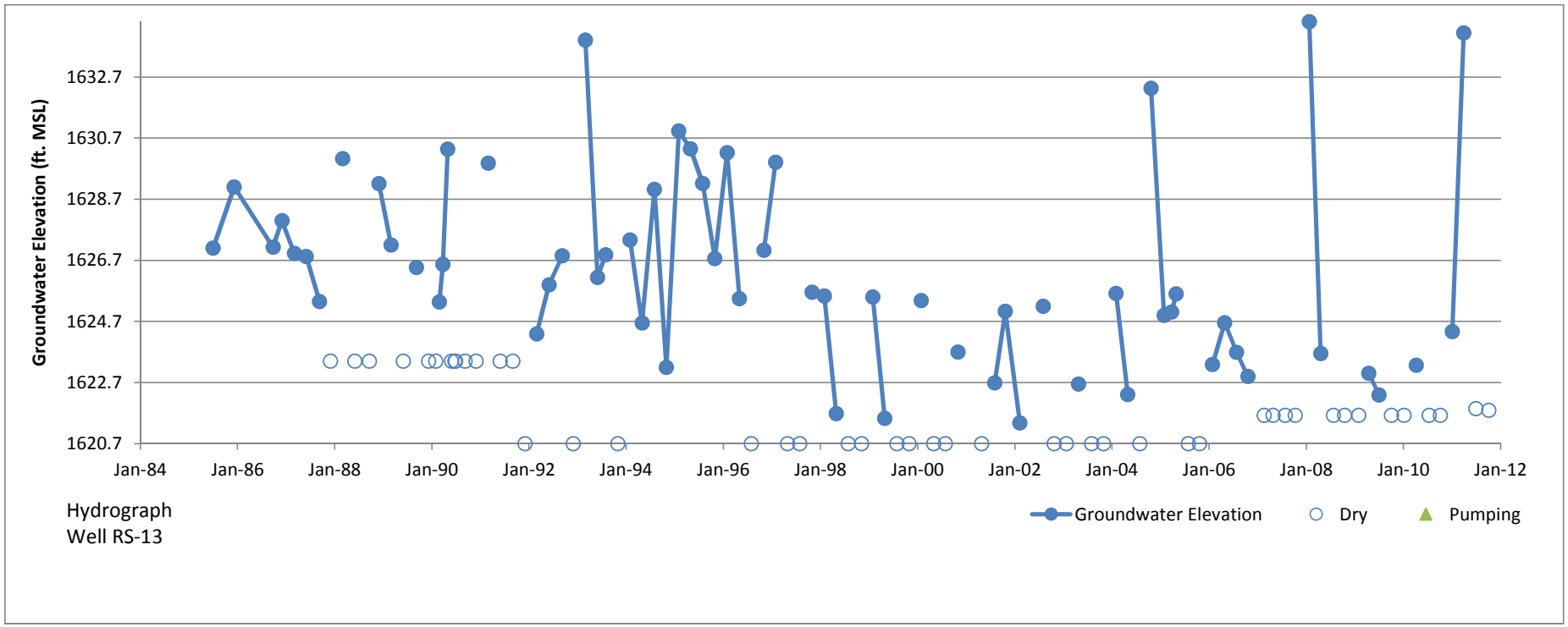

Groundwater Elevation (ft. MSL)
1818.97
1816.97
1814.97
1812.97
1810.97
1808.97
1806.97
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-08
Groundwater Elevation
Dry
Pumping

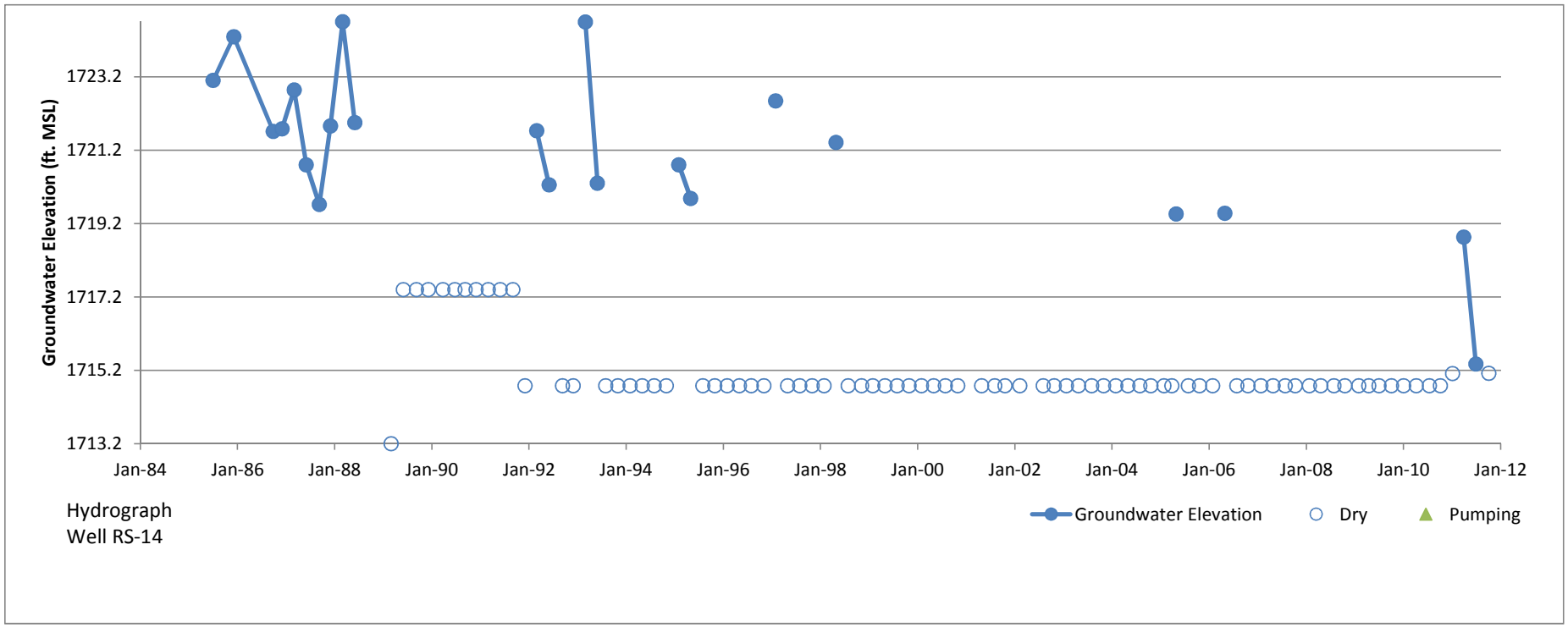

Groundwater Elevation (ft. MSL)
1726.52
1724.52
1722.52
1720.52
1718.52
1716.52
1714.52
1712.52
1710.52
1708.52
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-09
Groundwater Elevation
Dry
Pumping

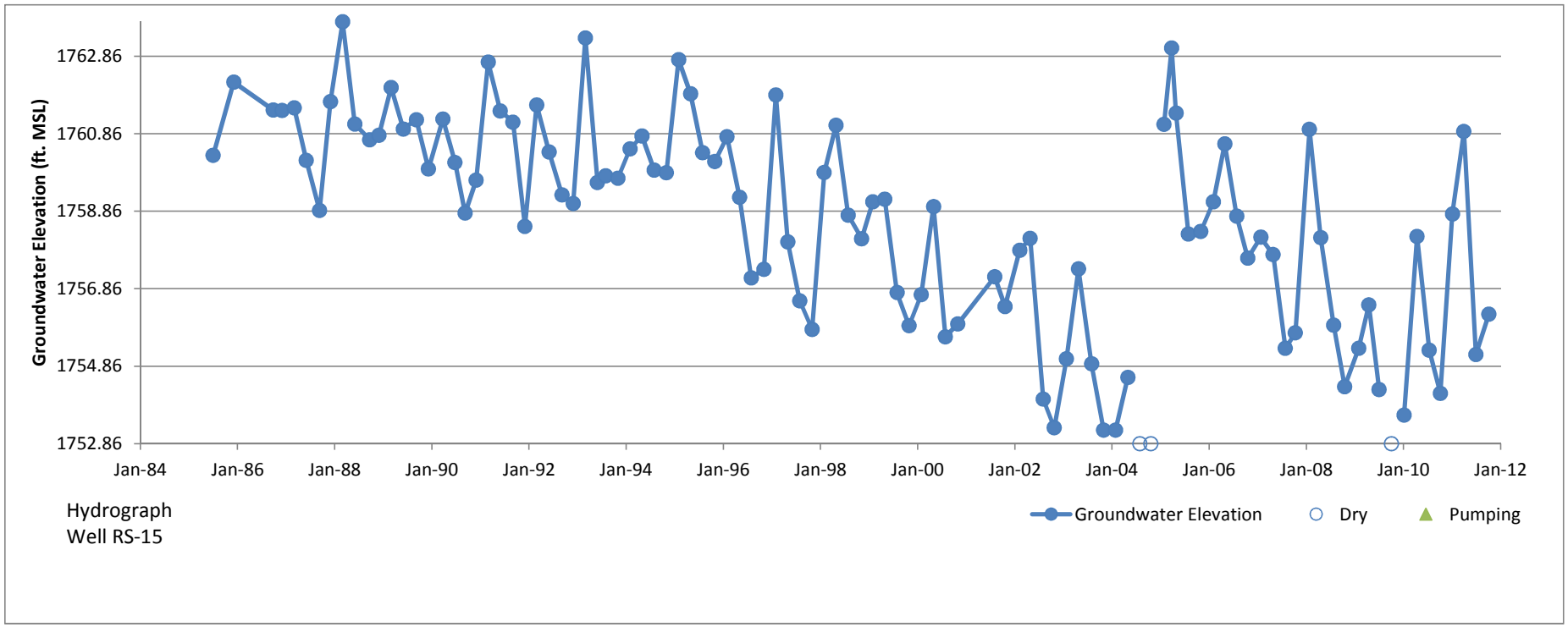

Groundwater Elevation (ft. MSL)
1758.85
1756.85
1754.85
1752.85
1750.85
1748.85
1746.85
1744.85
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-10
Groundwater Elevation
Dry
Pumping

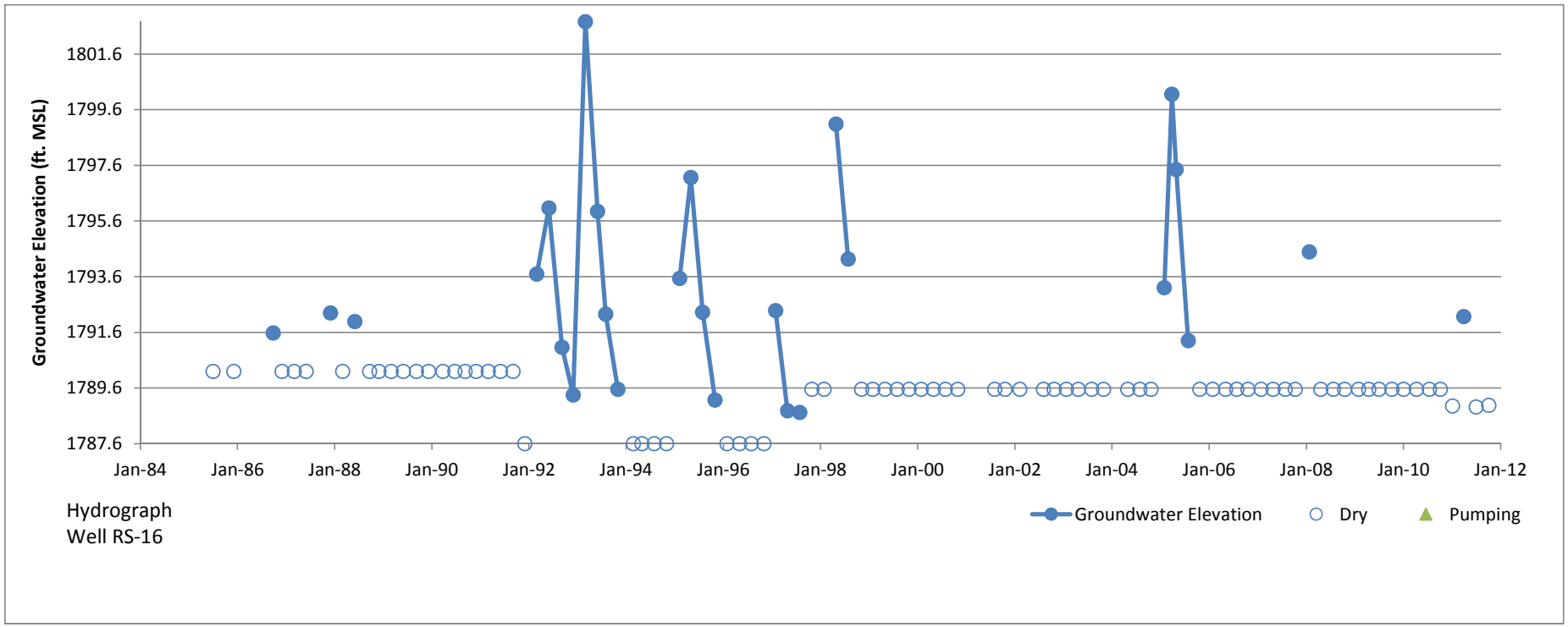

Groundwater Elevation (ft. MSL)
1784.89
1782.89
1780.89
1778.89
1776.89
1774.89
1772.89
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-11
Groundwater Elevation
Dry
Pumping

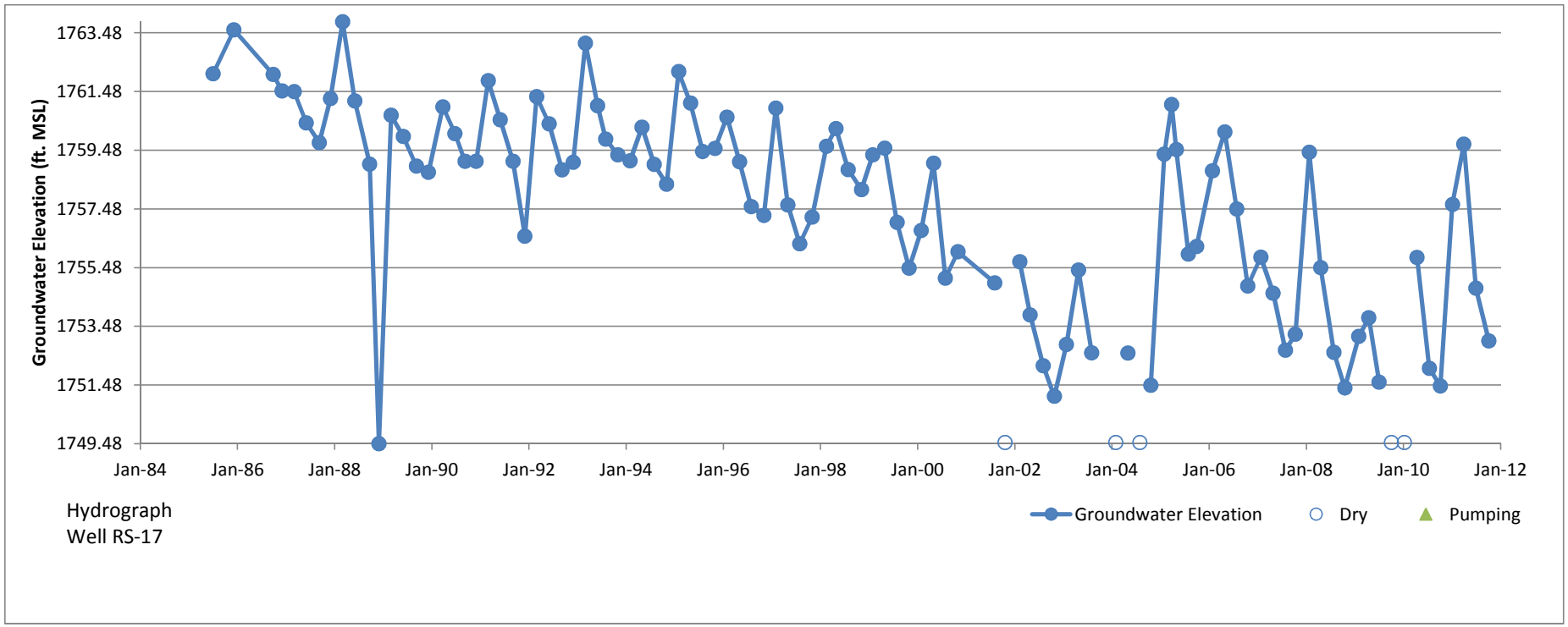

Groundwater Elevation (ft. MSL)
1720.56
1718.56
1716.56
1714.56
1712.56
1710.56
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-12
Groundwater Elevation
Dry
Pumping

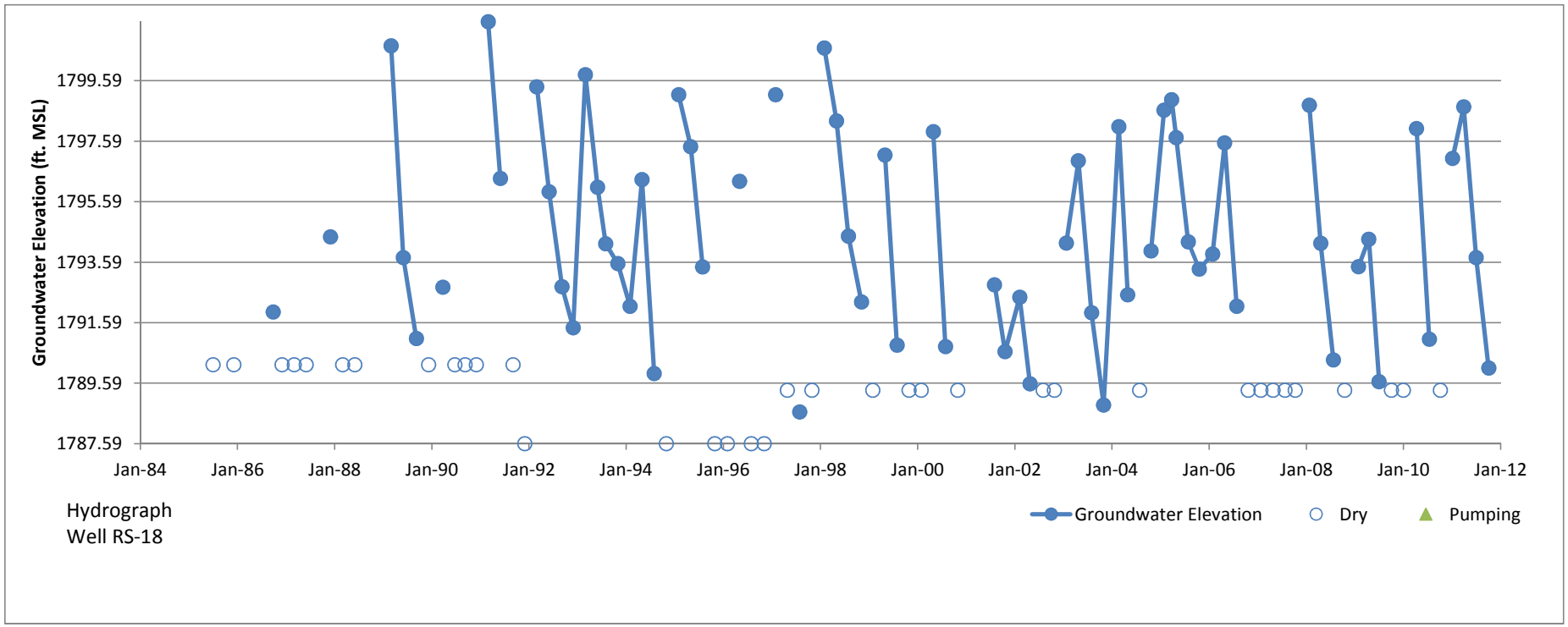

Groundwater Elevation (ft. MSL)
1632.7
1630.7
1628.7
1626.7
1624.7
1622.7
1620.7
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-13
Groundwater Elevation
Dry
Pumping

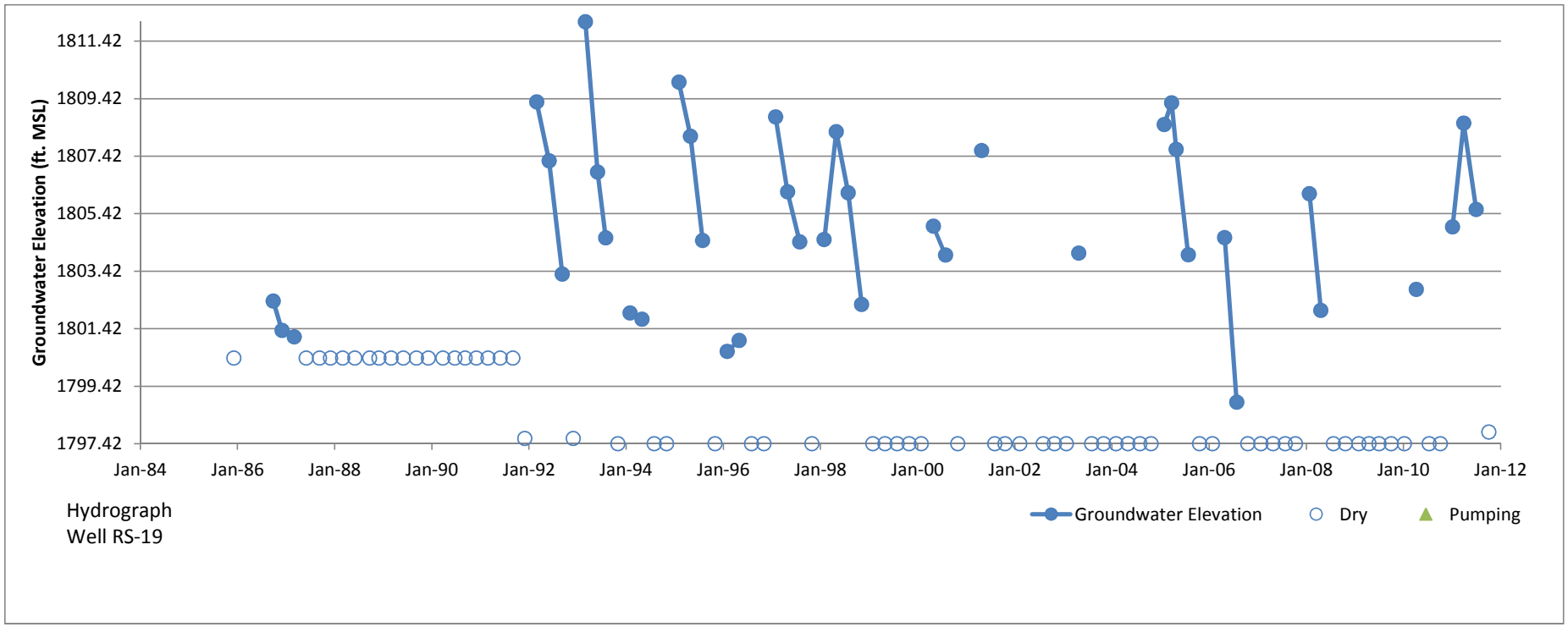

Groundwater Elevation (ft. MSL)
1723.2
1721.2
1719.2
1717.2
1715.2
1713.2
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-14
Groundwater Elevation
Dry
Pumping

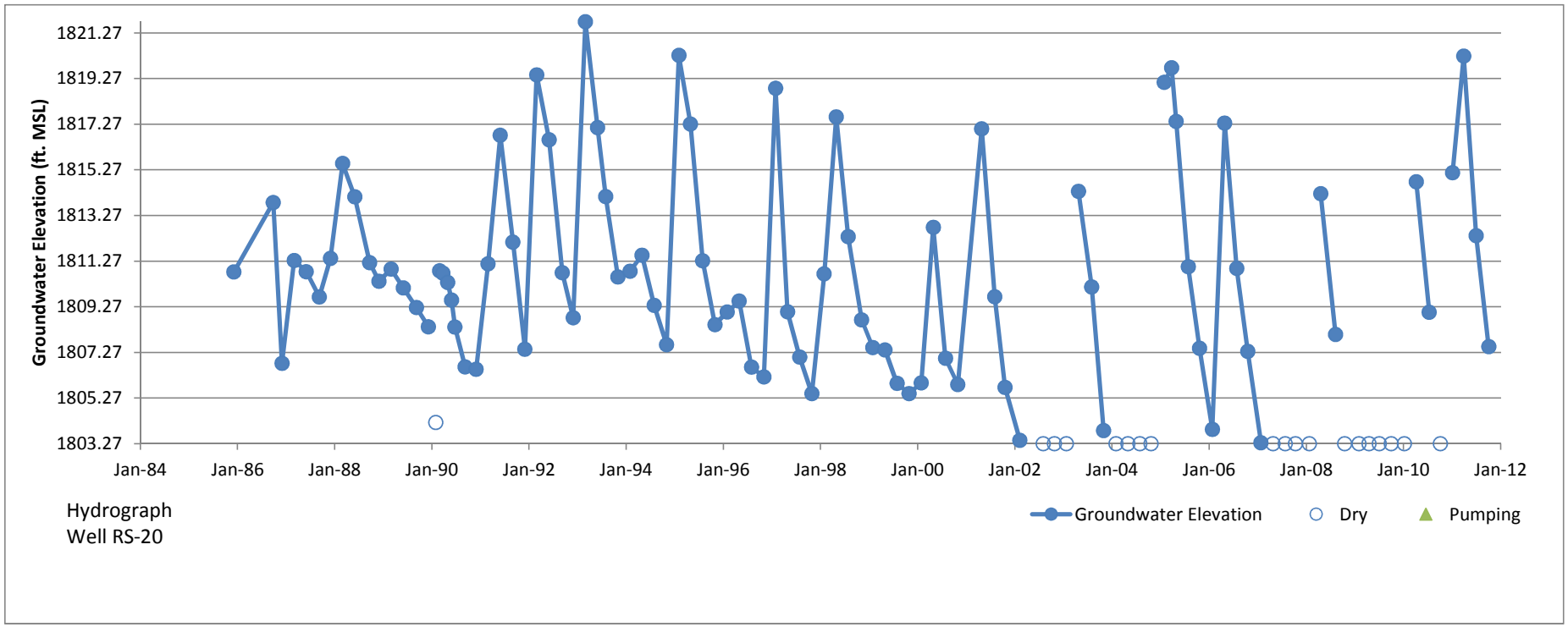

Groundwater Elevation (ft. MSL)
1762.86
1760.86
1758.86
1756.86
1754.86
1752.86
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-15
Groundwater Elevation
Dry
Pumping

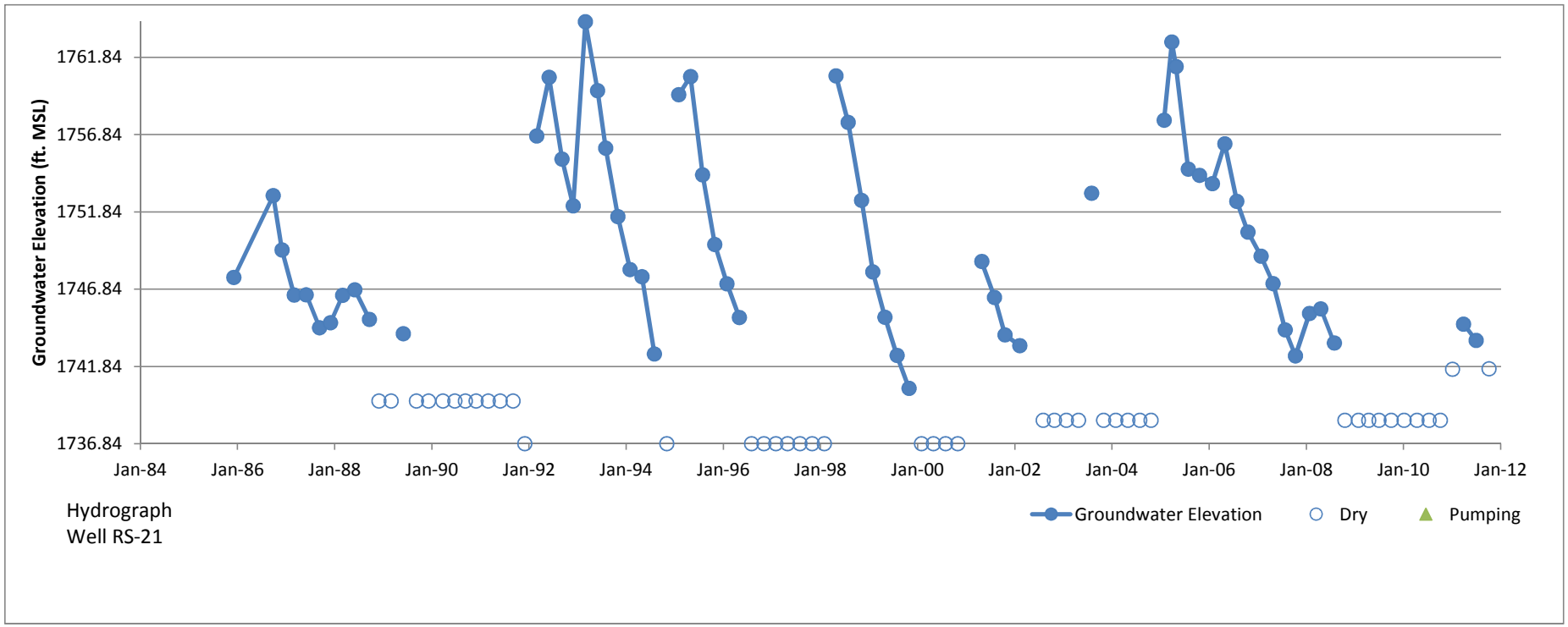

Groundwater Elevation (ft. MSL)
1801.6
1799.6
1797.6
1795.6
1793.6
1791.6
1789.6
1787.6
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-16
Groundwater Elevation
Dry
Pumping

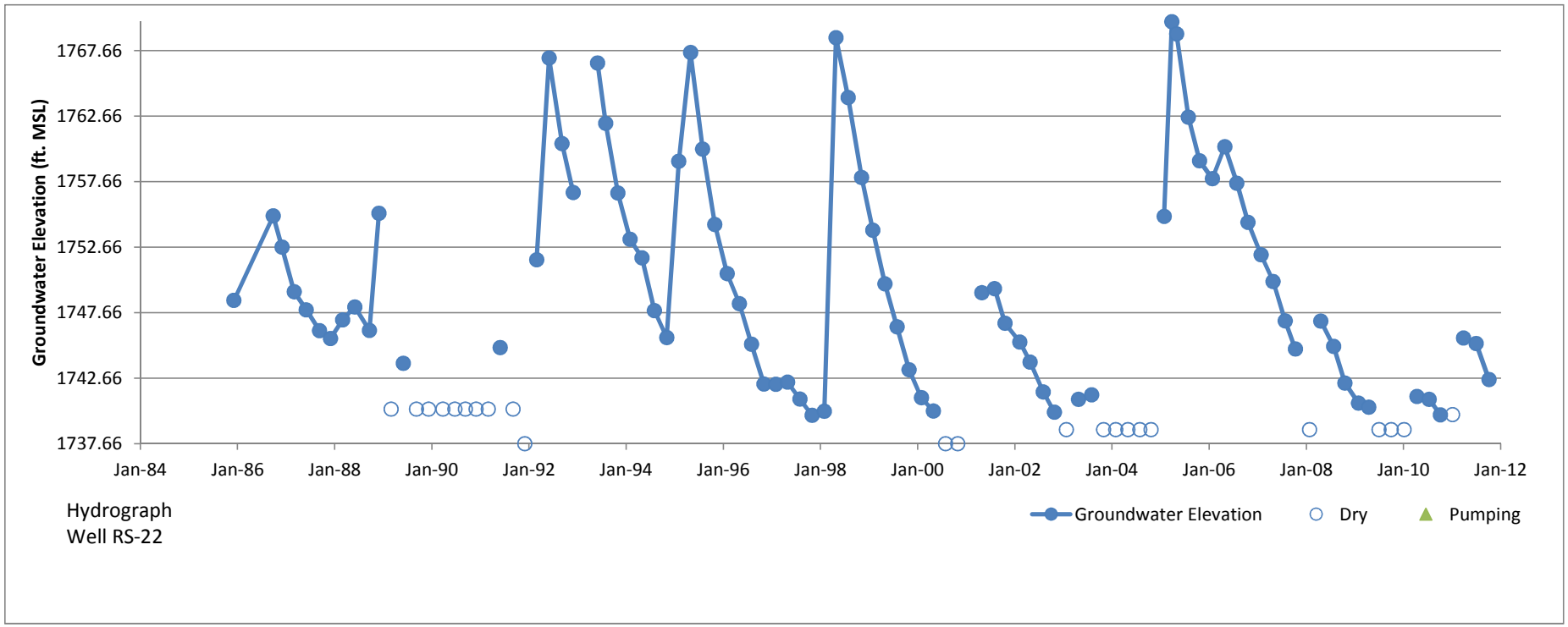

Groundwater Elevation (ft. MSL)
1763.48
1761.48
1759.48
1757.48
1755.48
1753.48
1751.48
1749.48
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-17
Groundwater Elevation
Dry
Pumping

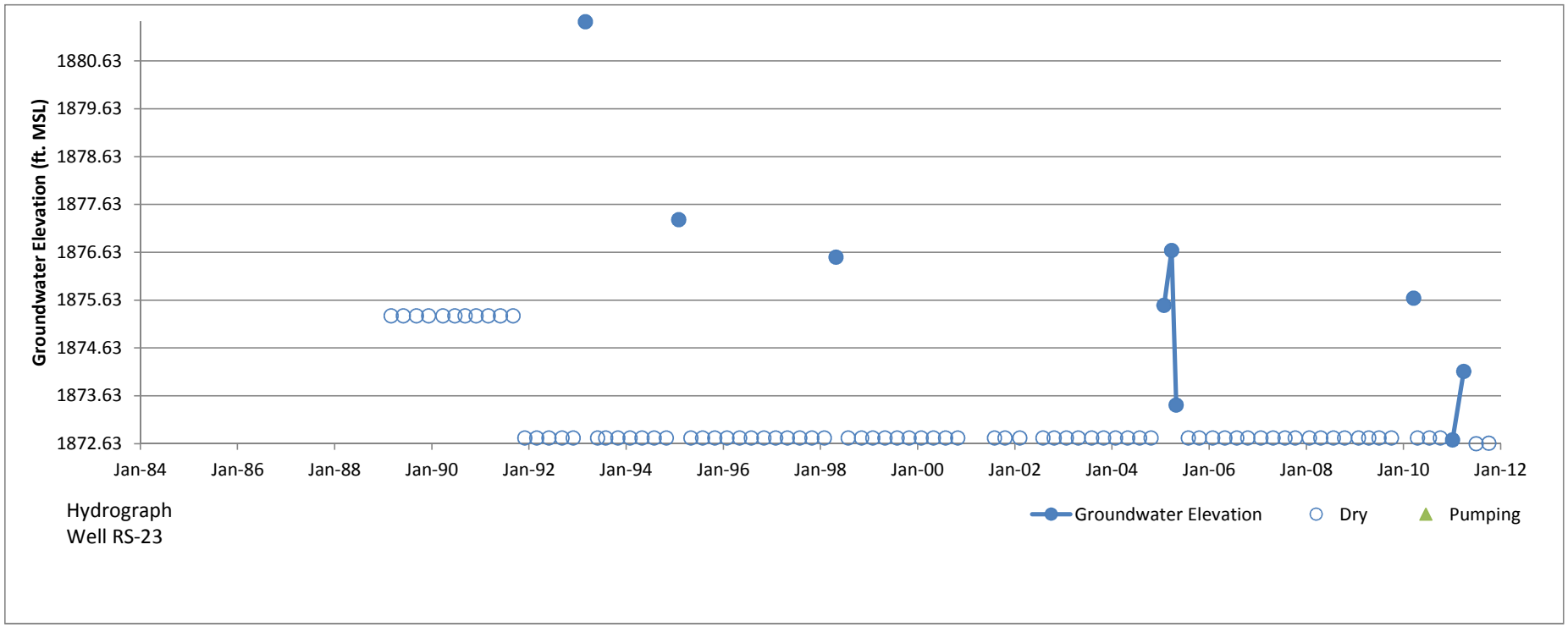

Groundwater Elevation (ft. MSL)
1799.59
1797.59
1795.59
1793.59
1791.59
1789.59
1787.59
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-18
Groundwater Elevation
Dry
Pumping

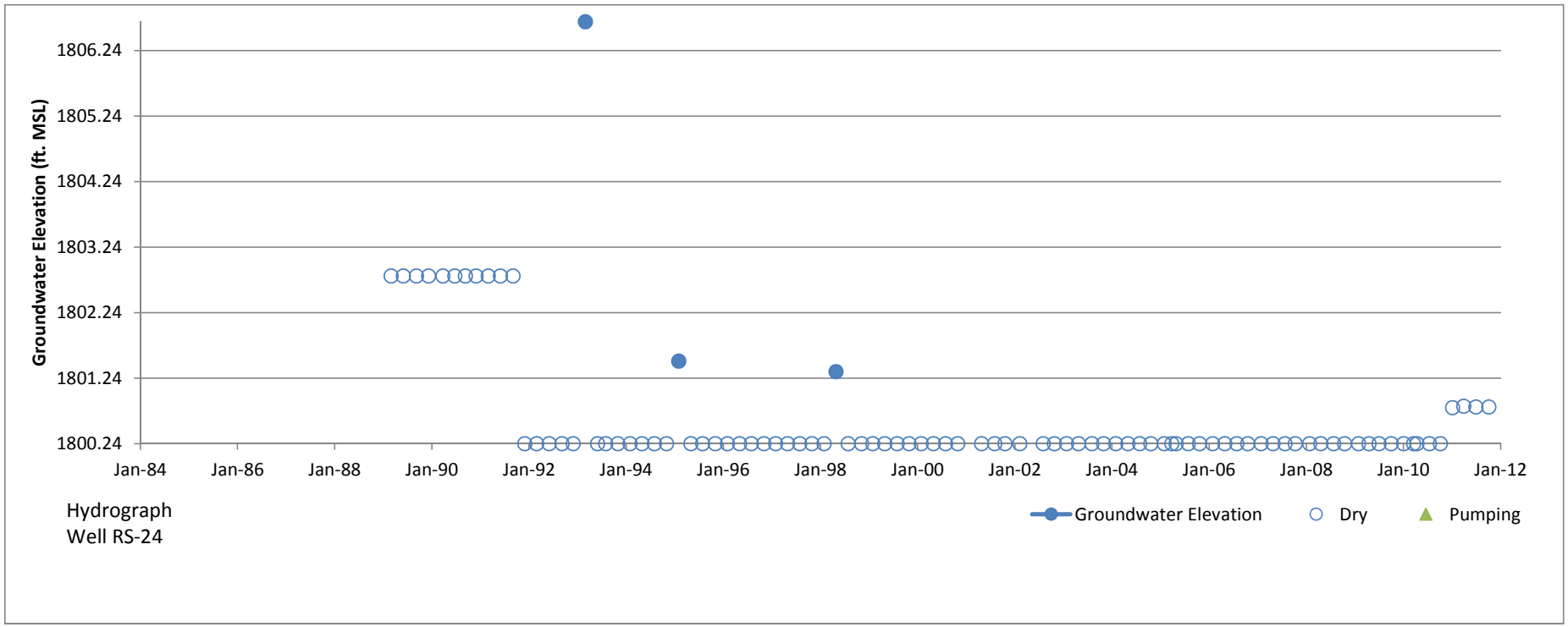

Groundwater Elevation (ft. MSL)
1811.42
1809.42
1807.42
1805.42
1803.42
1801.42
1799.42
1797.42
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-19
Groundwater Elevation
Dry
Pumping

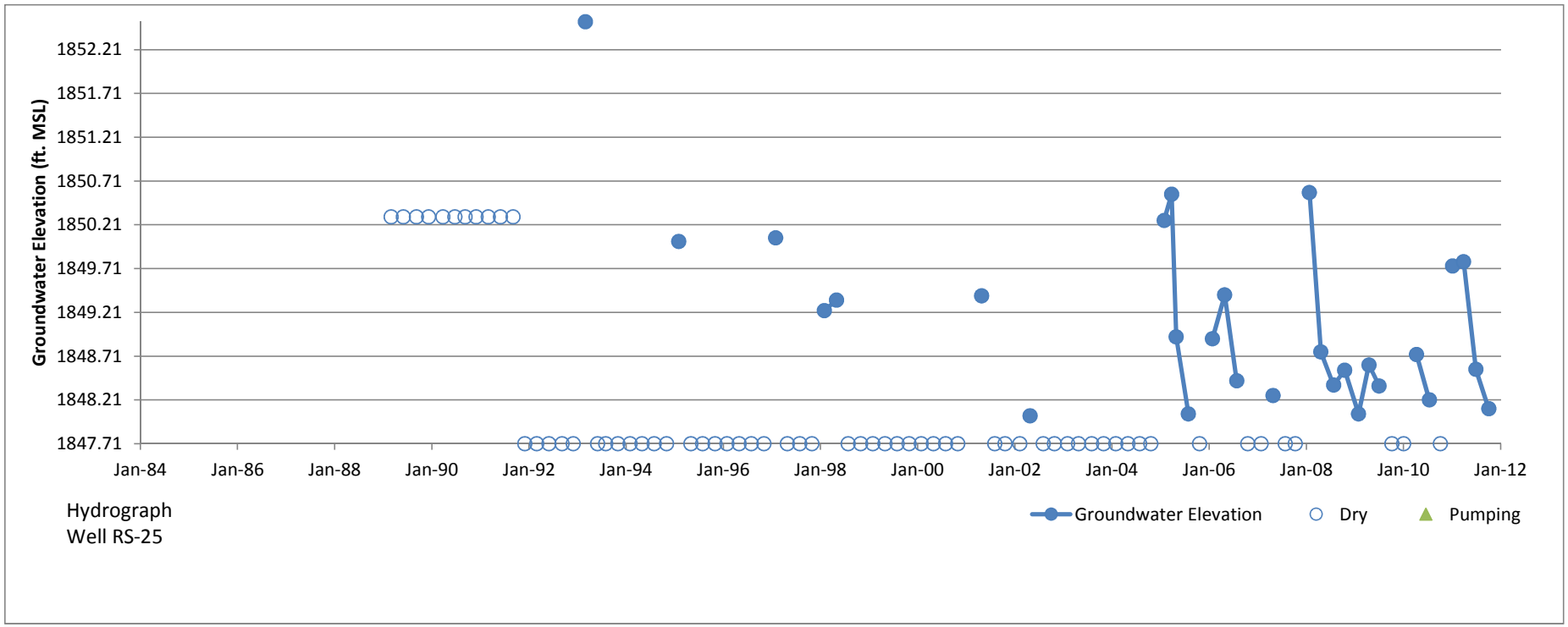

Groundwater Elevation (ft. MSL)
1821.27
1819.27
1817.27
1815.27
1813.27
1811.27
1809.27
1807.27
1805.27
1803.27
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-20
Groundwater Elevation
Dry
Pumping

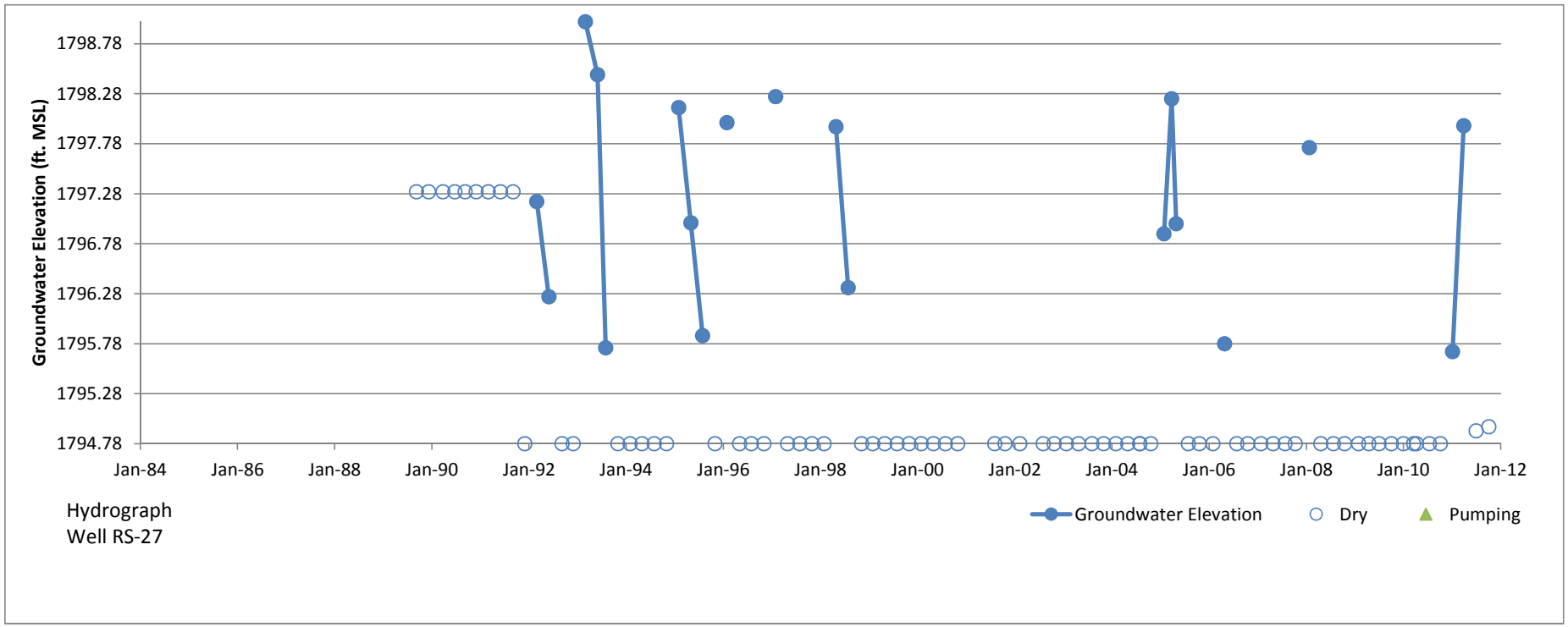

Groundwater Elevation (ft. MSL)
1761.84
1756.84
1751.84
1746.84
1741.84
1736.84
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-21
Groundwater Elevation
Dry
Pumping

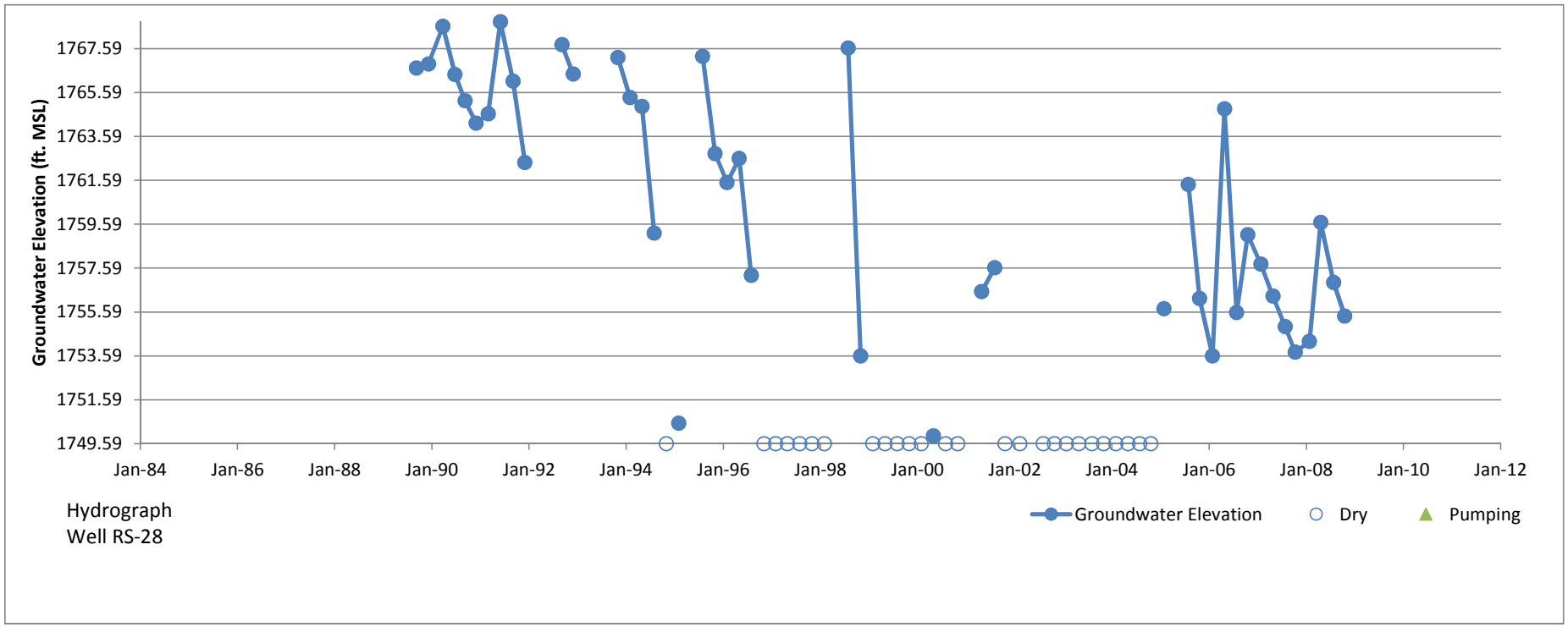

Groundwater Elevation (ft. MSL)
1767.66
1762.66
1757.66
1752.66
1747.66
1742.66
1737.66
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-22
Groundwater Elevation
Dry
Pumping

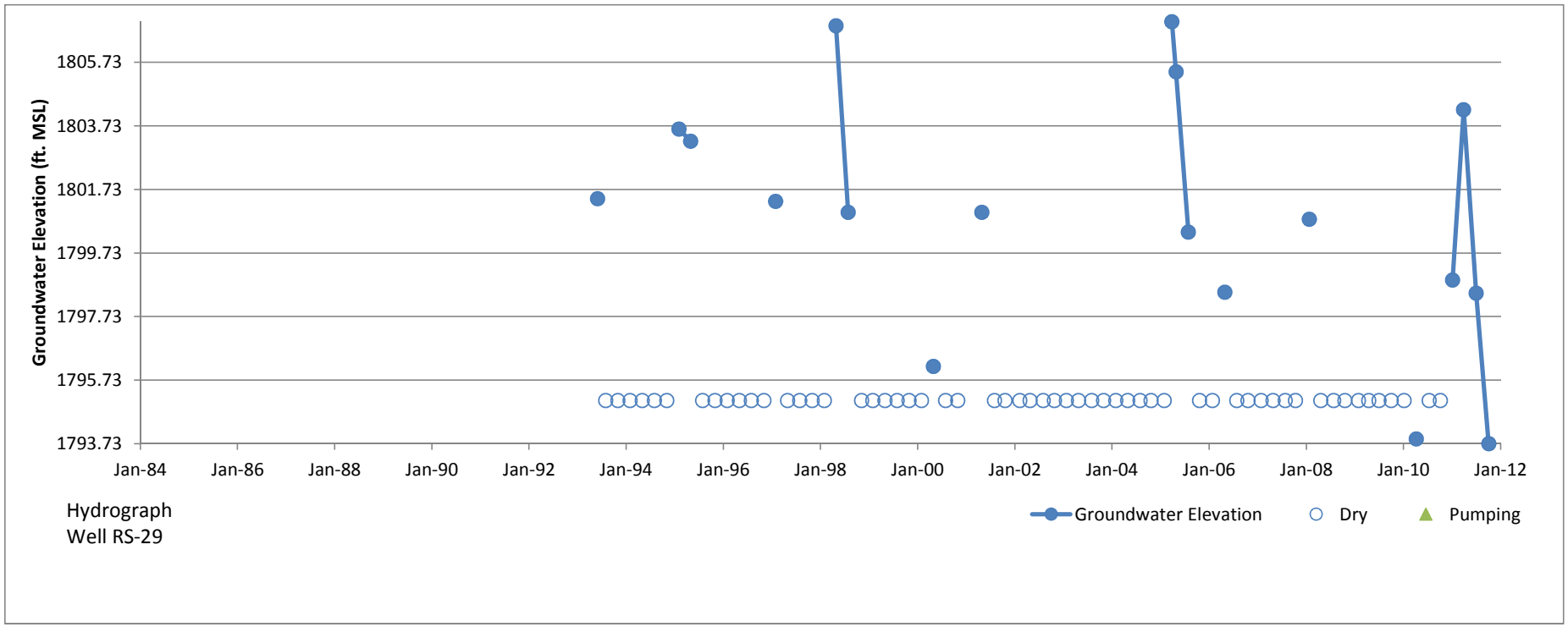

Groundwater Elevation (ft. MSL)
1880.63
1879.63
1878.63
1877.63
1876.63
1875.63
1874.63
1873.63
1872.63
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-23
Groundwater Elevation
Dry
Pumping

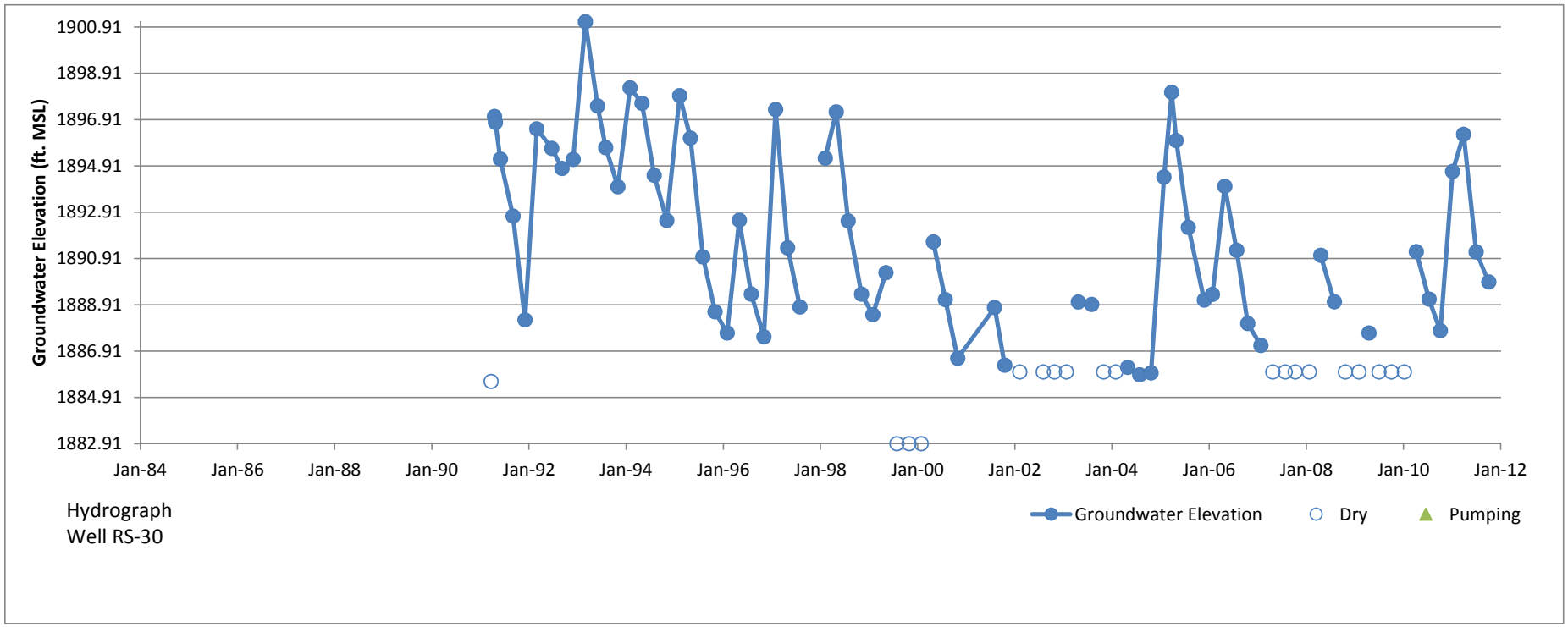

Groundwater Elevation (ft. MSL)
1806.24
1805.24
1804.24
1803.24
1802.24
1801.24
1800.24
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-24
Groundwater Elevation
Dry
Pumping

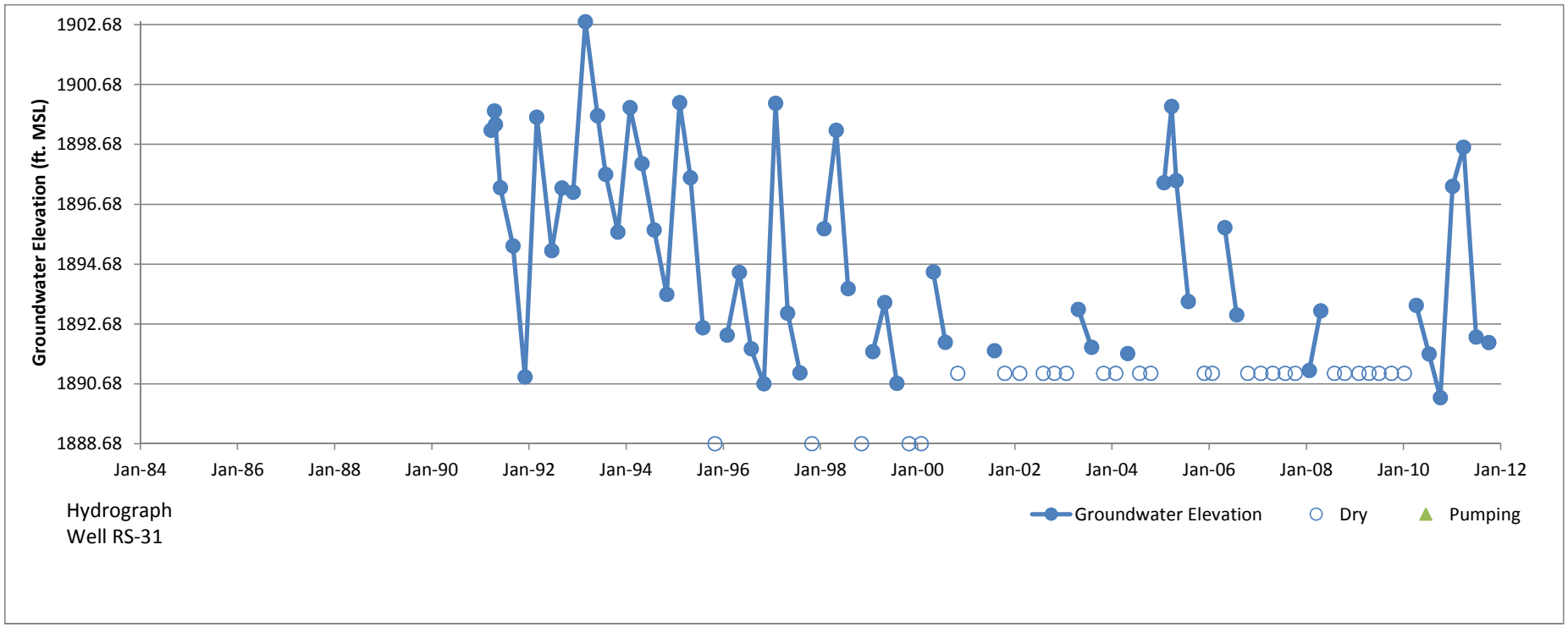

Groundwater Elevation (ft. MSL)
1852.21
1851.71
1851.21
1850.71
1850.21
1849.71
1849.21
1848.71
1848.21
1847.71
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-25
Groundwater Elevation
Dry
Pumping

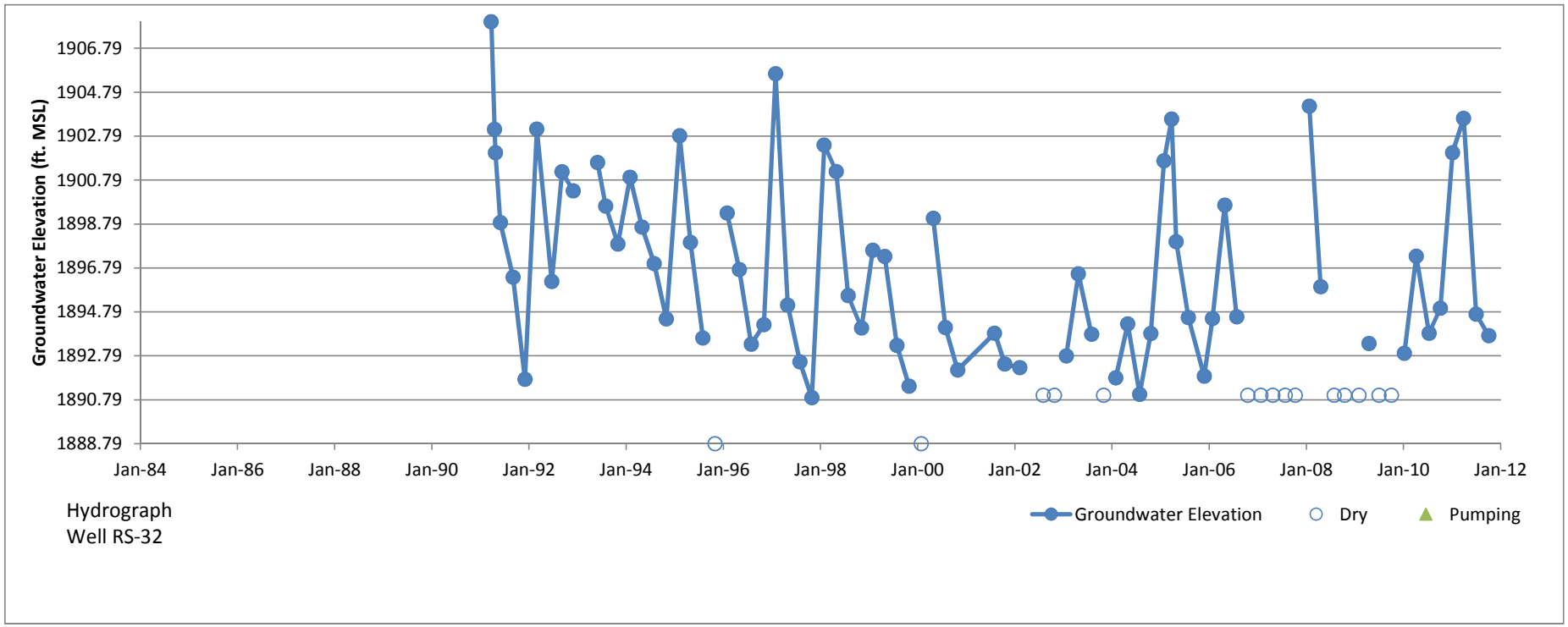

Groundwater Elevation (ft. MSL)
1798.78
1798.28
1797.78
1797.28
1796.78
1796.28
1795.78
1795.28
1794.78
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-27
Groundwater Elevation
Dry
Pumping

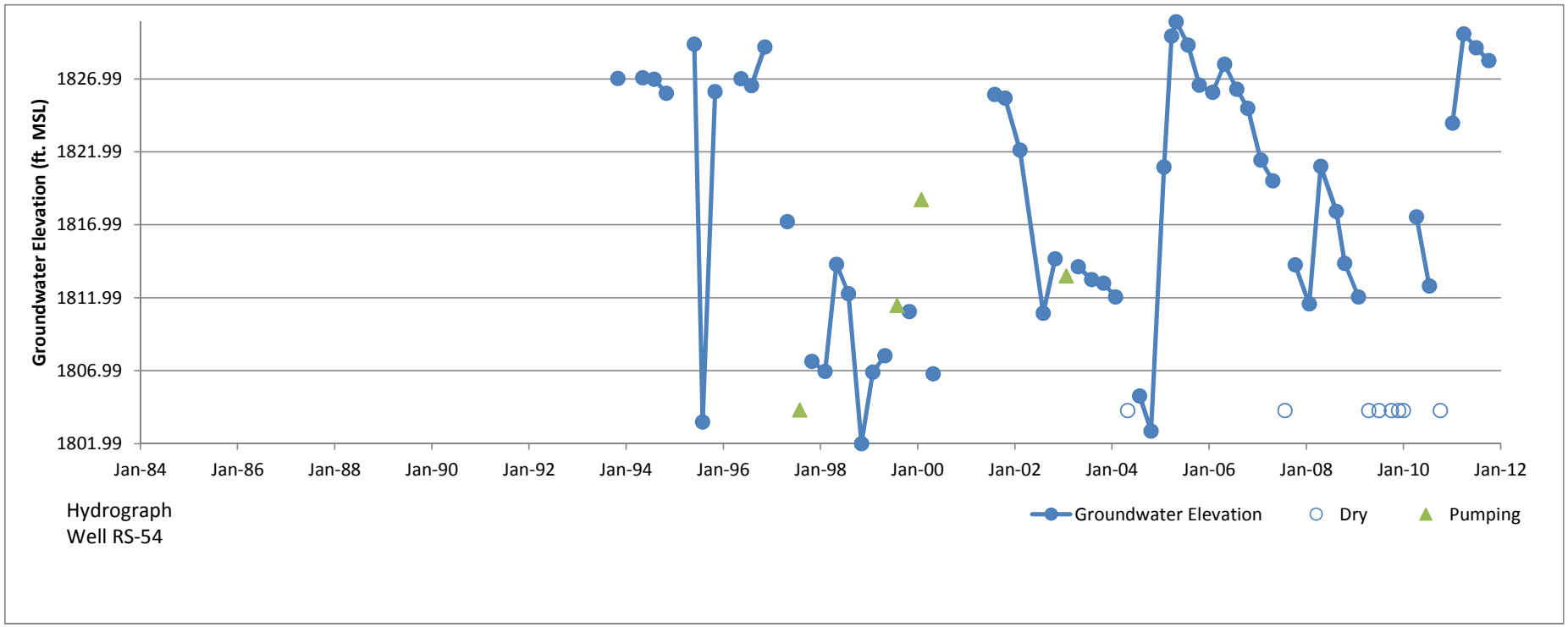

Groundwater Elevation (ft. MSL)
1767.59
1765.59
1763.59
1761.59
1759.59
1757.59
1755.59
1753.59
1751.59
1749.59
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-28
Groundwater Elevation
Dry
Pumping

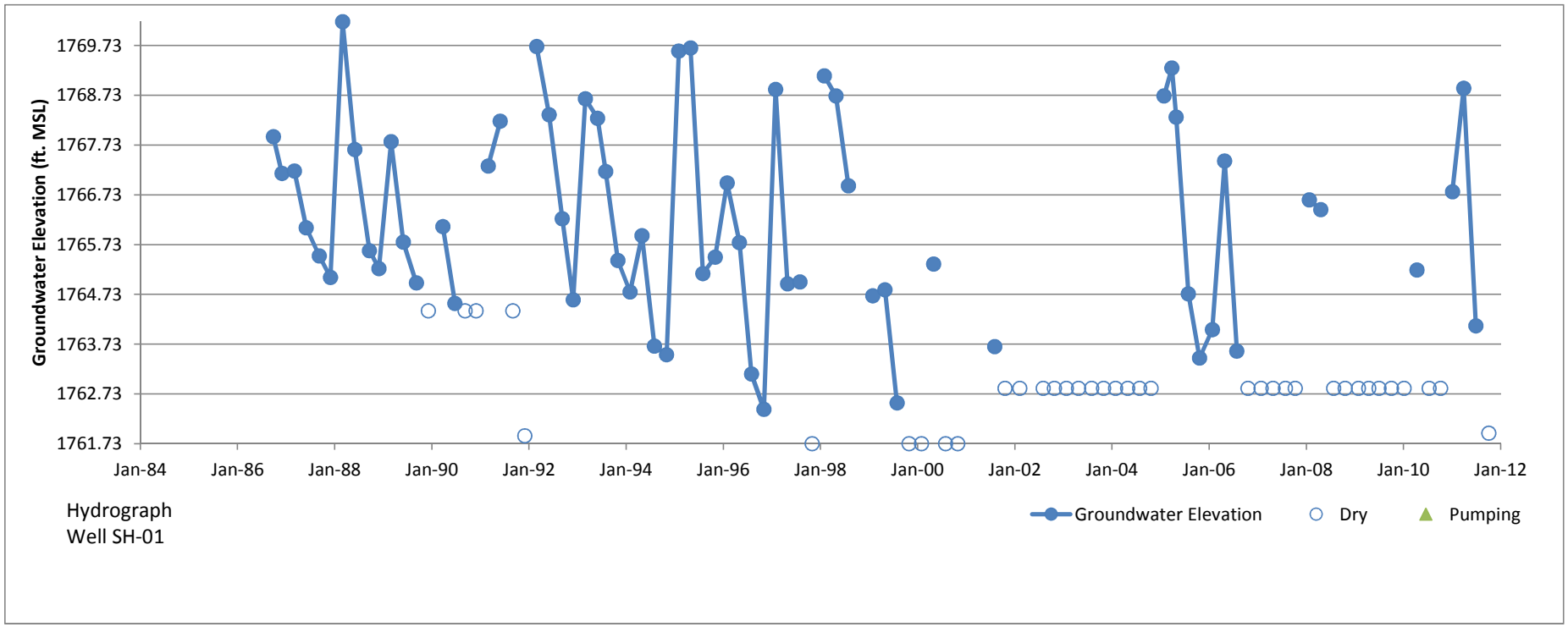

Groundwater Elevation (ft. MSL)
1805.73
1803.73
1801.73
1799.73
1797.73
1795.73
1793.73
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-29
Groundwater Elevation
Dry
Pumping

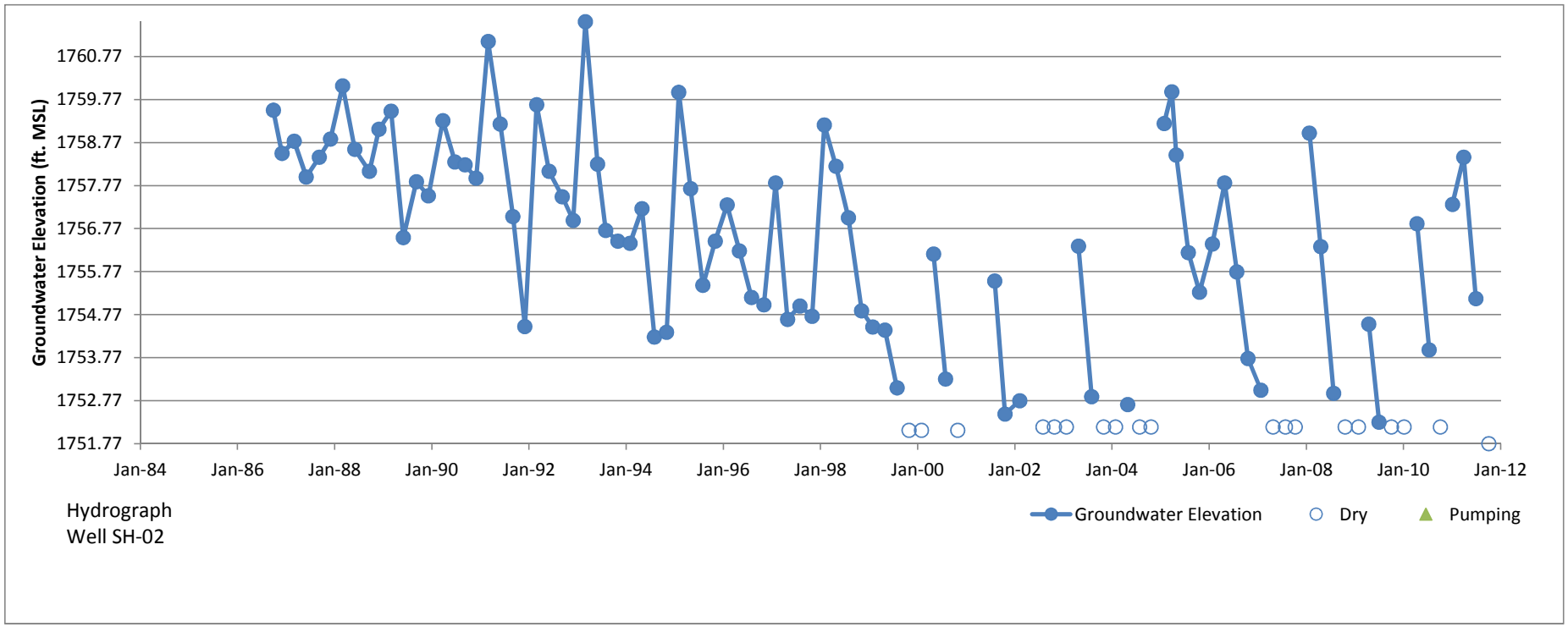

Groundwater Elevation (ft. MSL)
1900.91
1898.91
1896.91
1894.91
1892.91
1890.91
1888.91
1886.91
1884.91
1882.91
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-30
Groundwater Elevation
Dry
Pumping

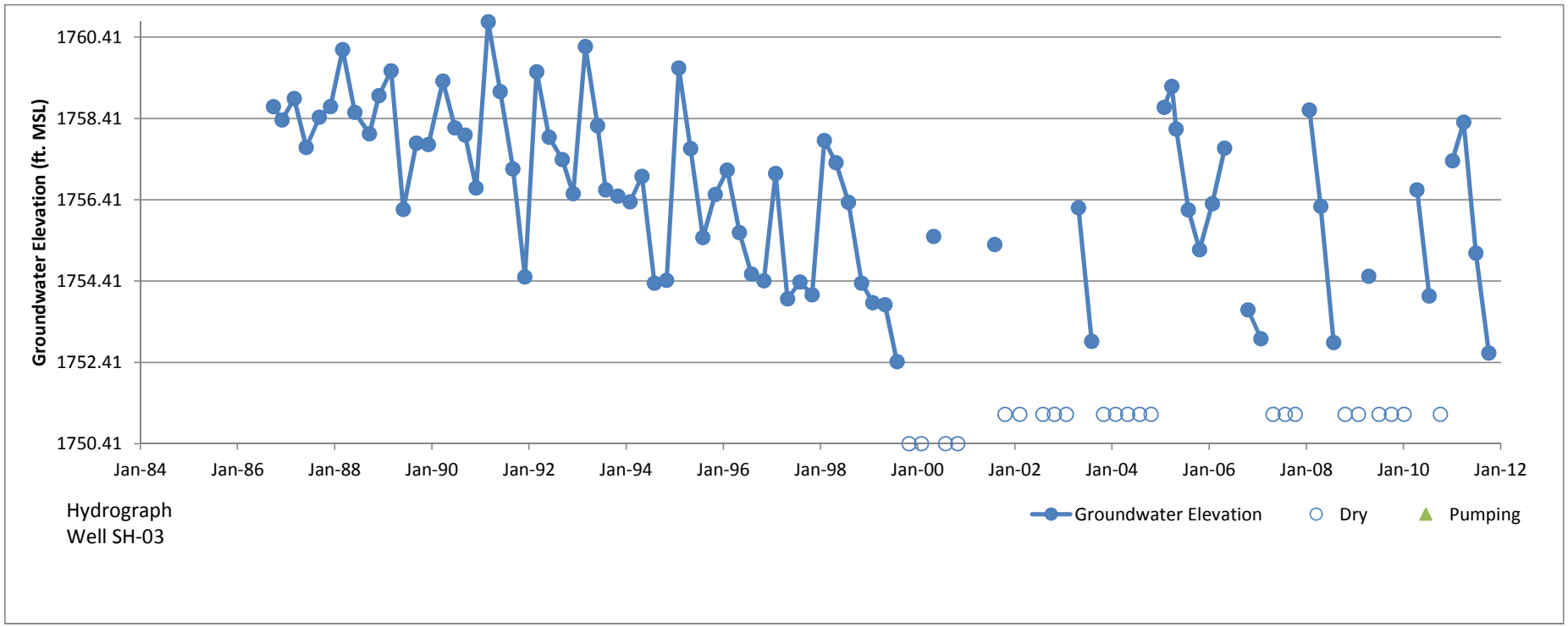

Groundwater Elevation (ft. MSL)
1902.68
1900.68
1898.68
1896.68
1894.68
1892.68
1890.68
1888.68
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-31
Groundwater Elevation
Dry
Pumping

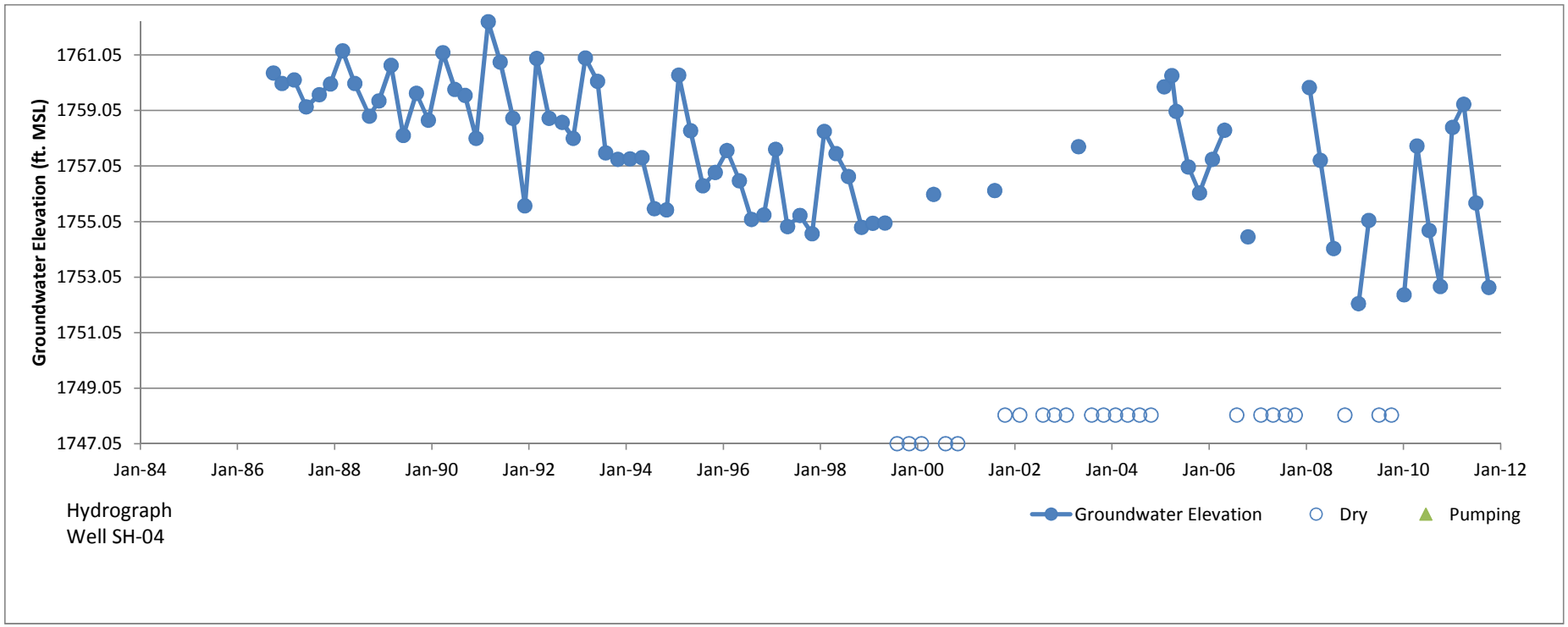

Groundwater Elevation (ft. MSL)
1906.79
1904.79
1902.79
1900.79
1898.79
1896.79
1894.79
1892.79
1890.79
1888.79
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-32
Groundwater Elevation
Dry
Pumping

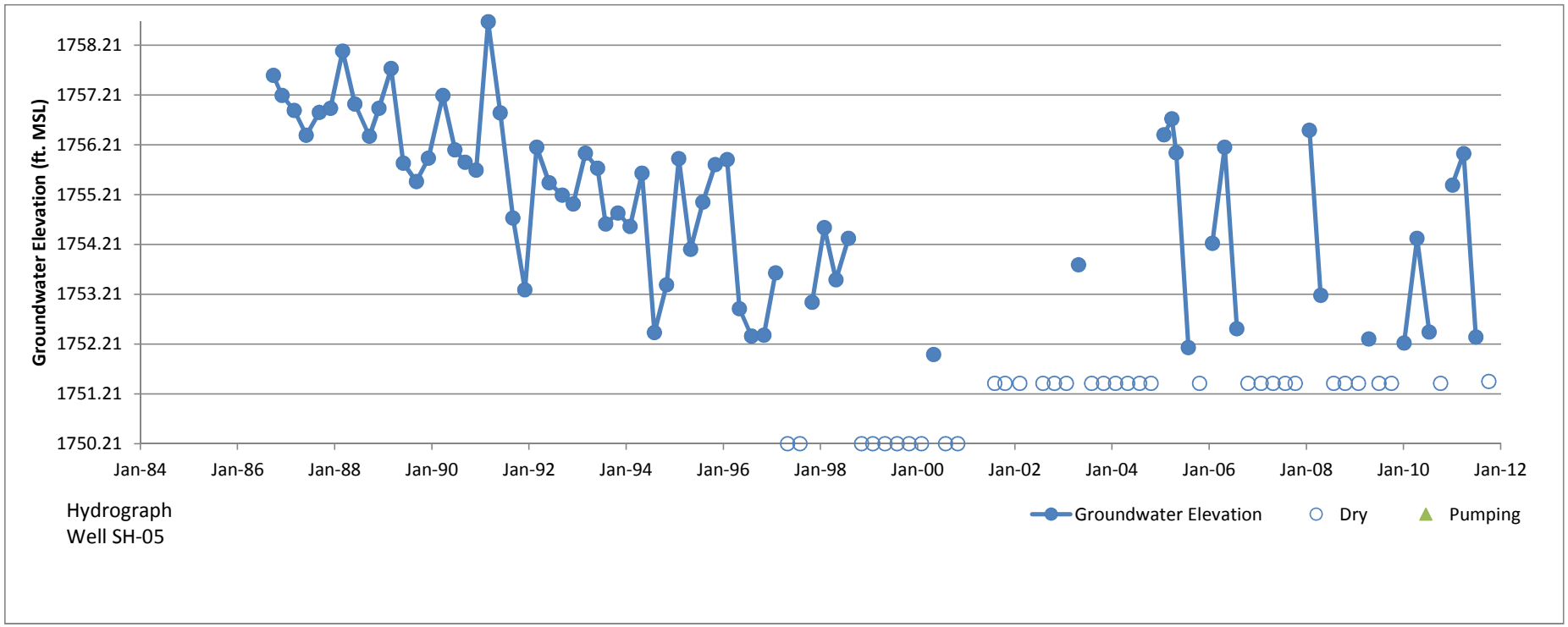

Groundwater Elevation (ft. MSL)
1826.99
1821.99
1816.99
1811.99
1806.99
1801.99
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RS-54
Groundwater Elevation
Dry
Pumping

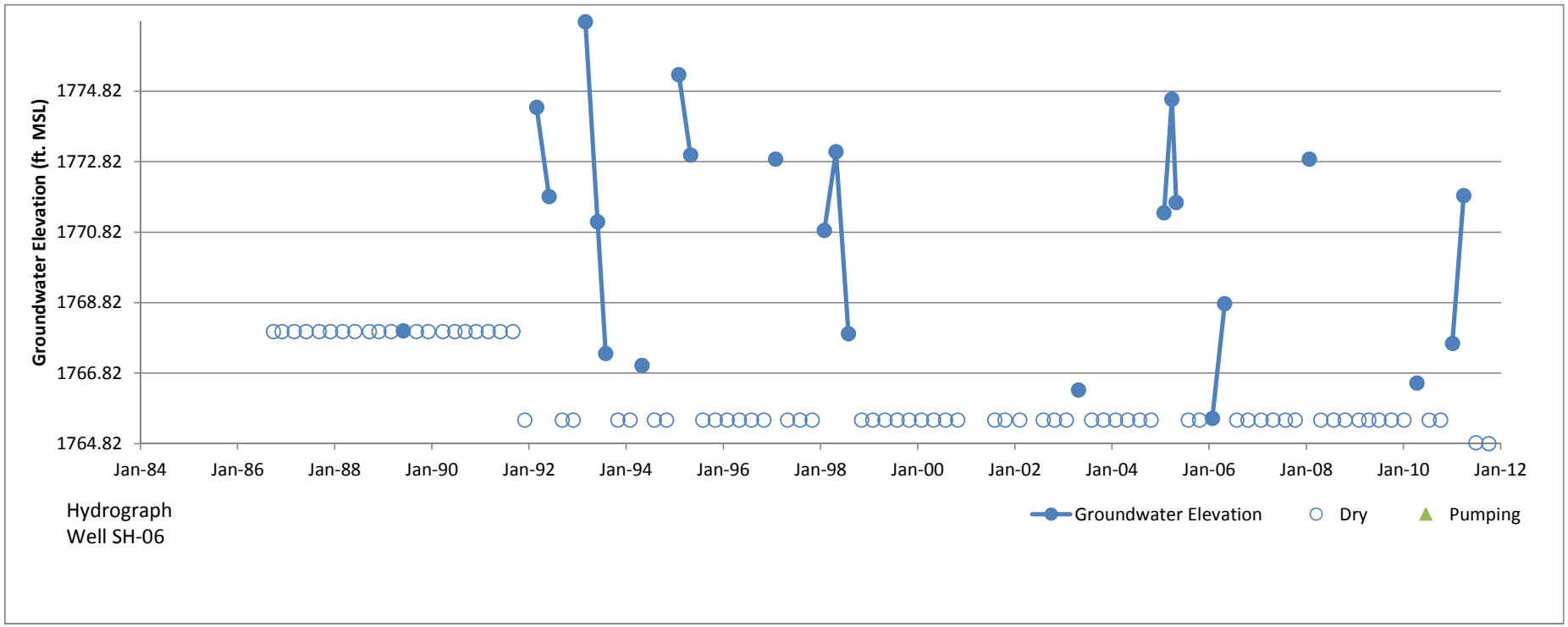

Groundwater Elevation (ft. MSL)
1769.73
1768.73
1767.73
1766.73
1765.73
1764.73
1763.73
1762.73
1761.73
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well SH-01
Groundwater Elevation
Dry
Pumping

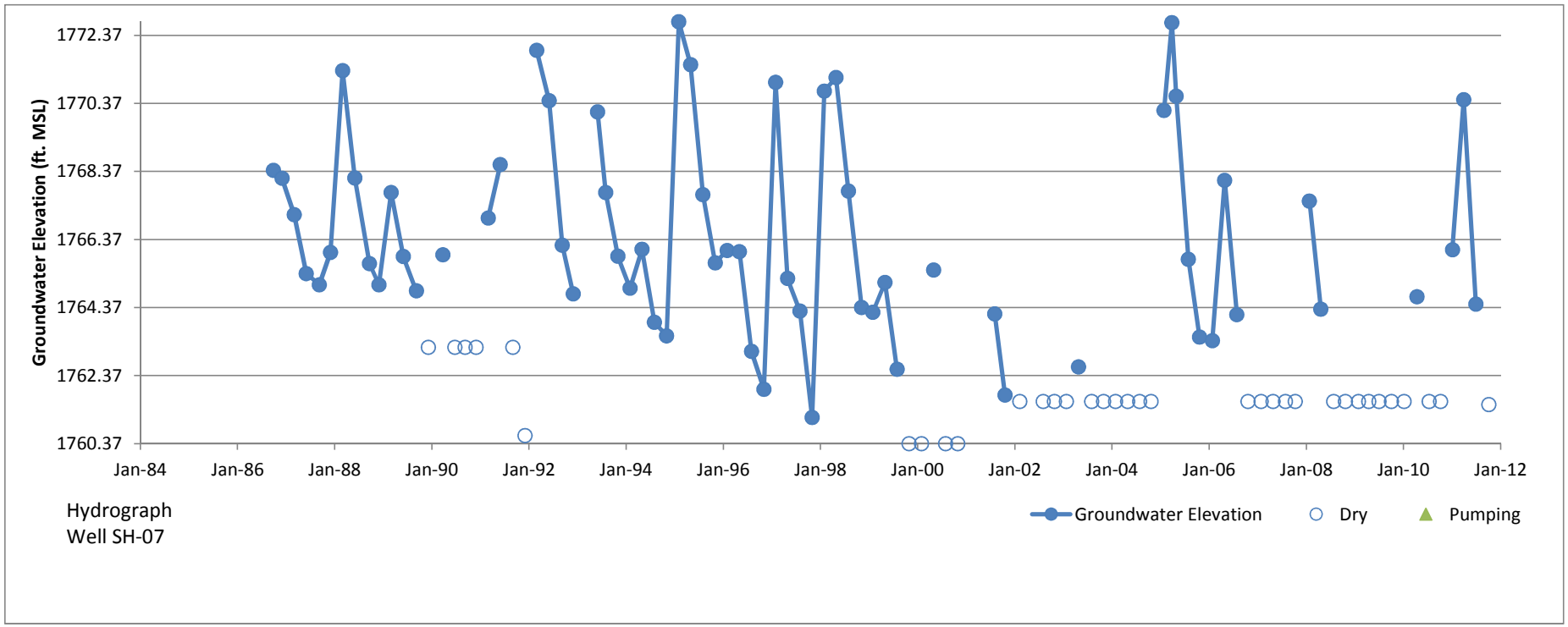

Groundwater Elevation (ft. MSL)
1760.77
1759.77
1758.77
1757.77
1756.77
1755.77
1754.77
1753.77
1752.77
1751.77
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well SH-02
Groundwater Elevation
Dry
Pumping

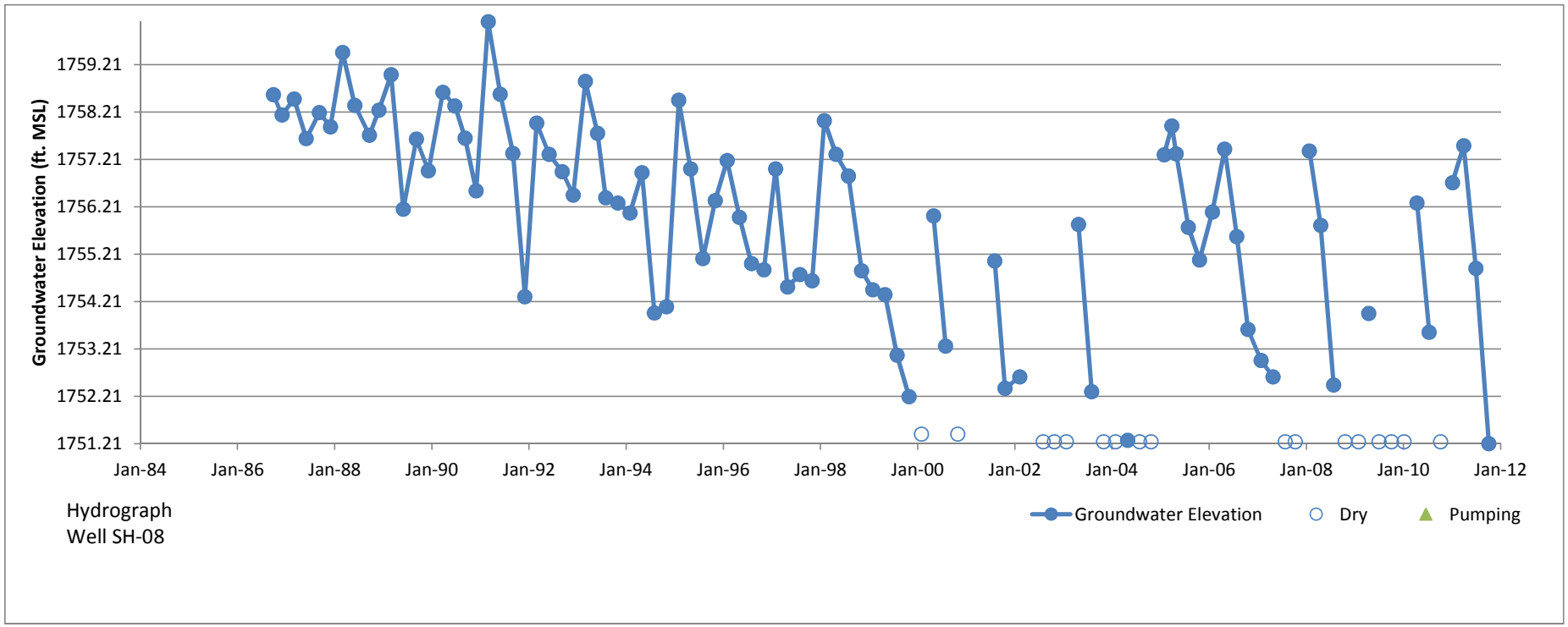

Groundwater Elevation (ft. MSL)
1760.41
1758.41
1756.41
1754.41
1752.41
1750.41
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well SH-03
Groundwater Elevation
Dry
Pumping

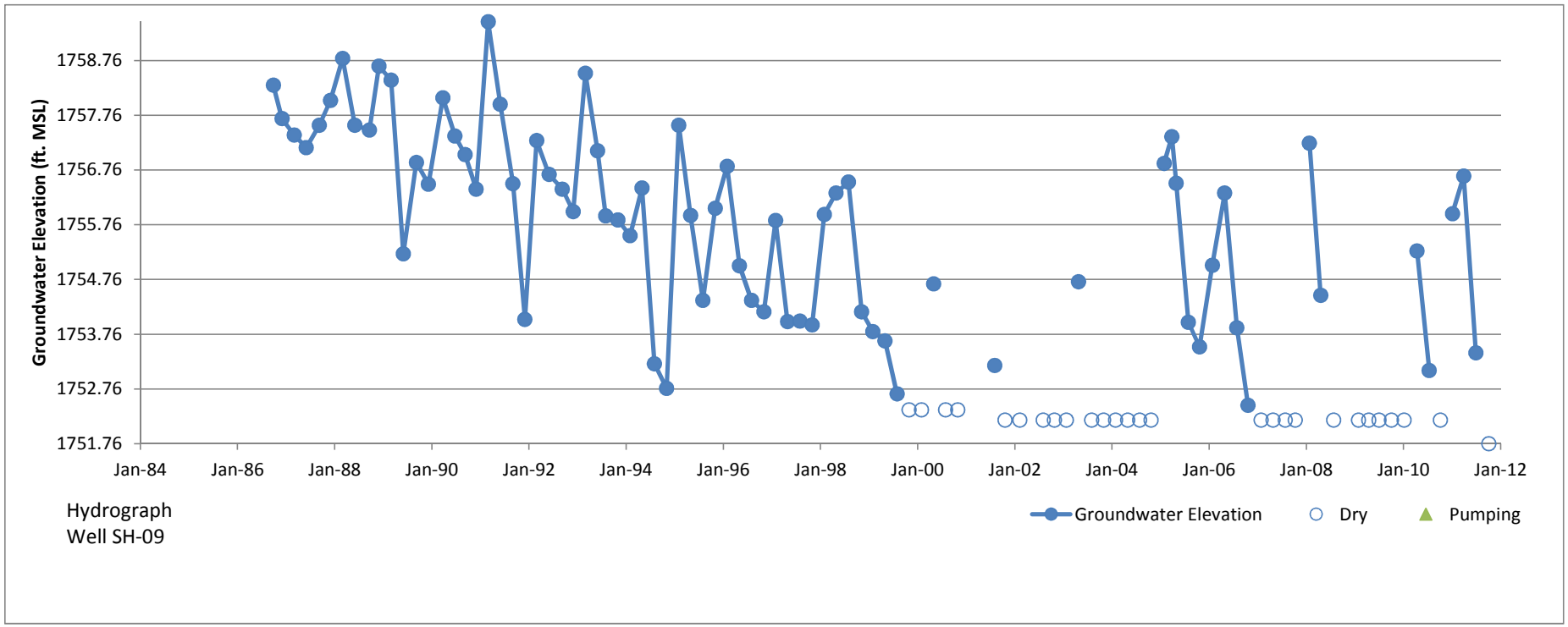

Groundwater Elevation (ft. MSL)
1761.05
1759.05
1757.05
1755.05
1753.05
1751.05
1749.05
1747.05
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well SH-04
Groundwater Elevation
Dry
Pumping

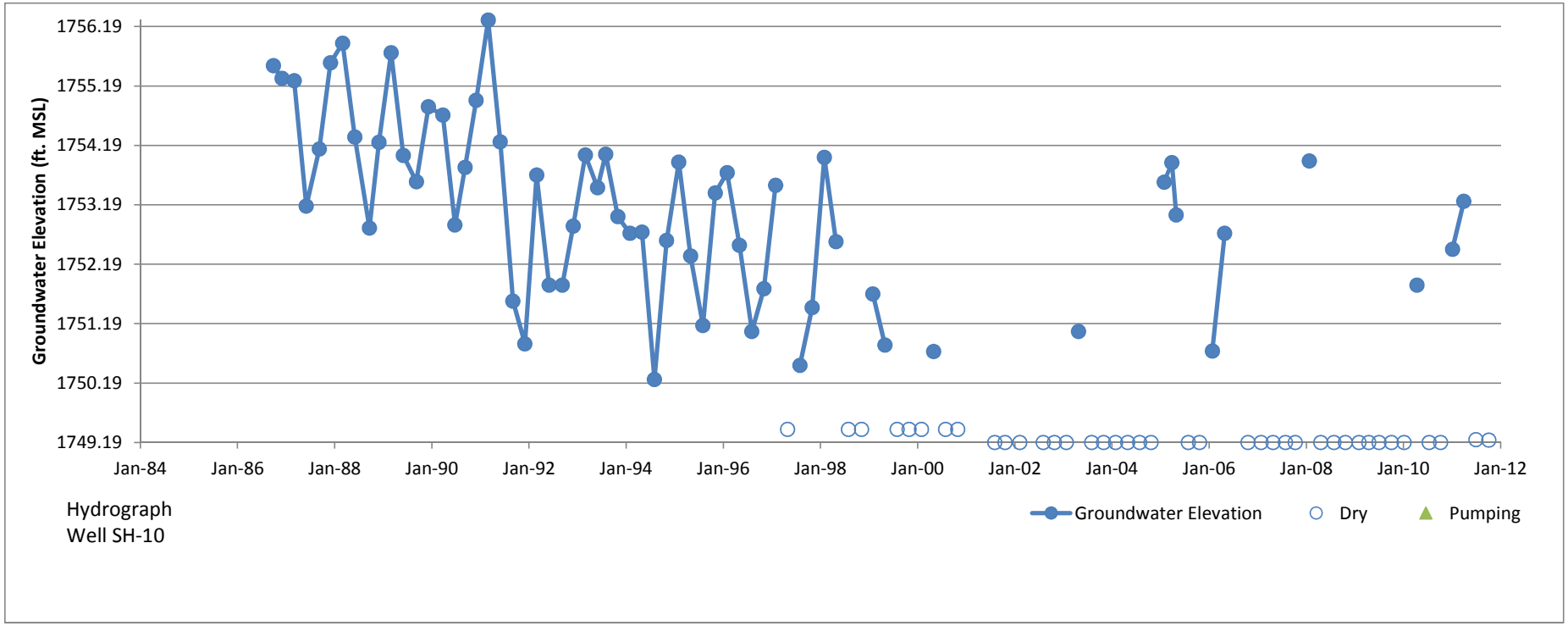

Groundwater Elevation (ft. MSL)
1758.21
1757.21
1756.21
1755.21
1754.21
1753.21
1752.21
1751.21
1750.21
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well SH-05
Groundwater Elevation
Dry
Pumping

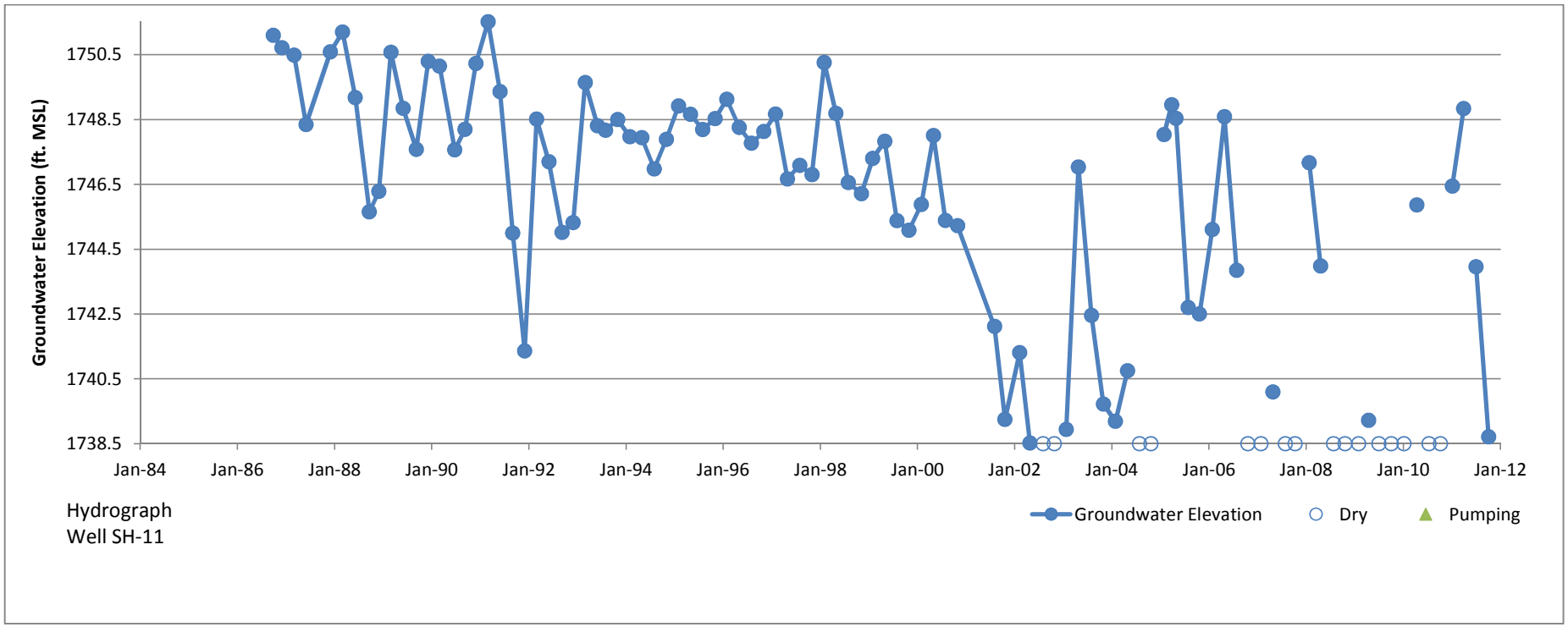

Groundwater Elevation (ft. MSL)
1774.82
1772.82
1770.82
1768.82
1766.82
1764.82
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well SH-06
Groundwater Elevation
Dry
Pumping


Groundwater Elevation (ft. MSL)
1772.37
1770.37
1768.37
1766.37
1764.37
1762.37
1760.37
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well SH-07
Groundwater Elevation
Dry
Pumping

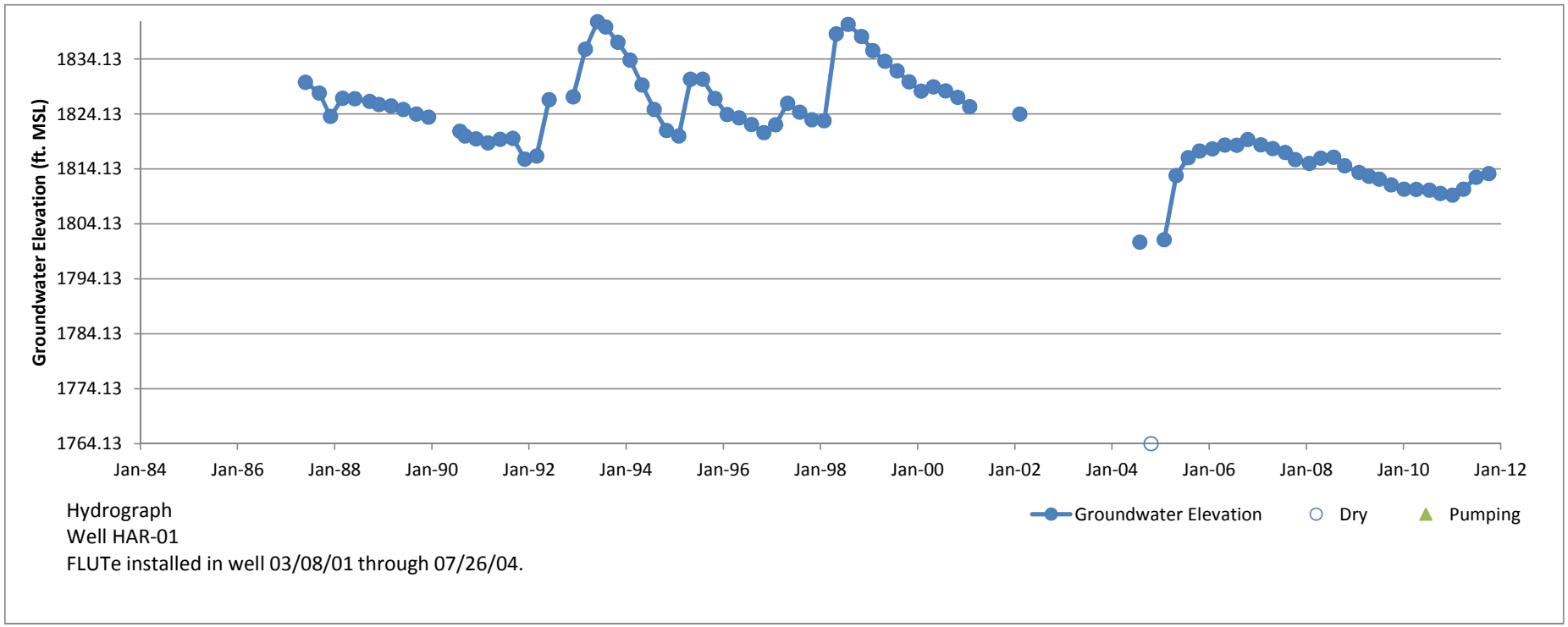

Groundwater Elevation (ft. MSL)
1759.21
1758.21
1757.21
1756.21
1755.21
1754.21
1753.21
1752.21
1751.21
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well SH-08
Groundwater Elevation
Dry
Pumping


Groundwater Elevation (ft. MSL)
1758.76
1757.76
1756.76
1755.76
1754.76
1753.76
1752.76
1751.76
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well SH-09
Groundwater Elevation
Dry
Pumping

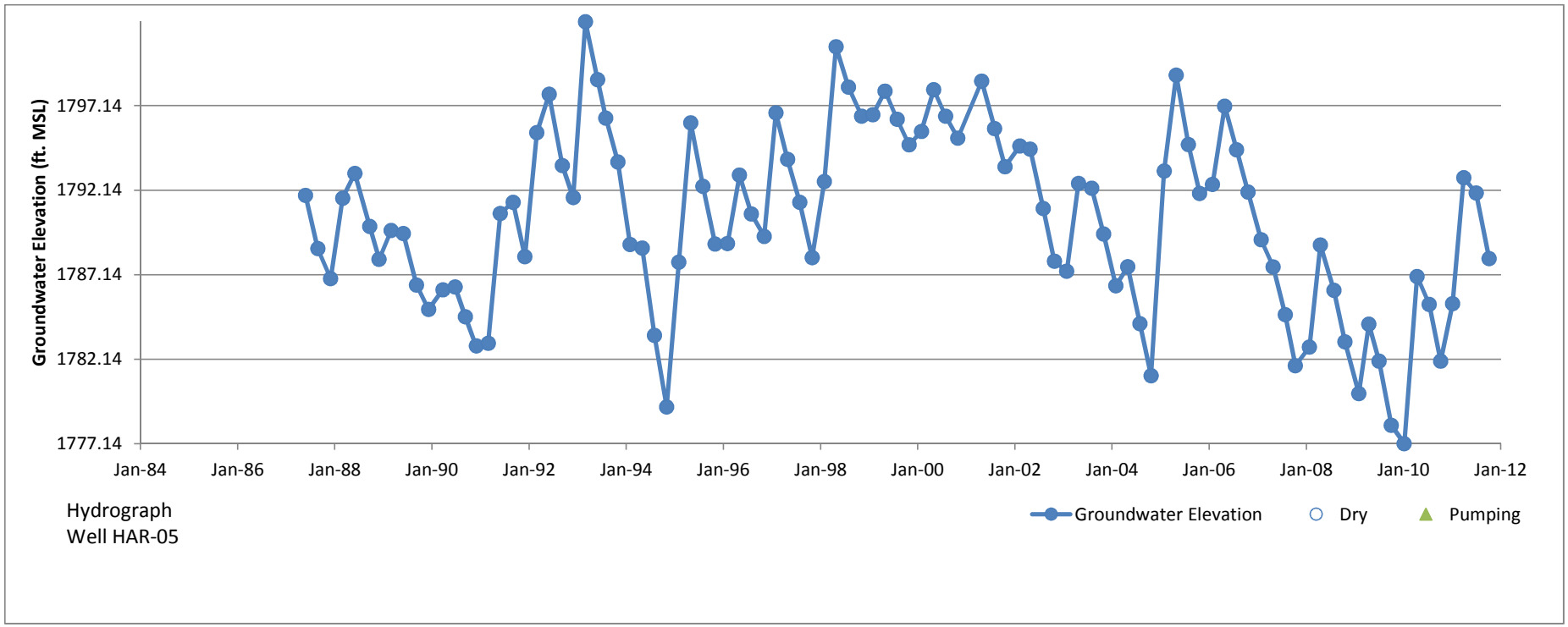

Groundwater Elevation (ft. MSL)
1756.19
1755.19
1754.19
1753.19
1752.19
1751.19
1750.19
1749.19
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well SH-10
Groundwater Elevation
Dry
Pumping

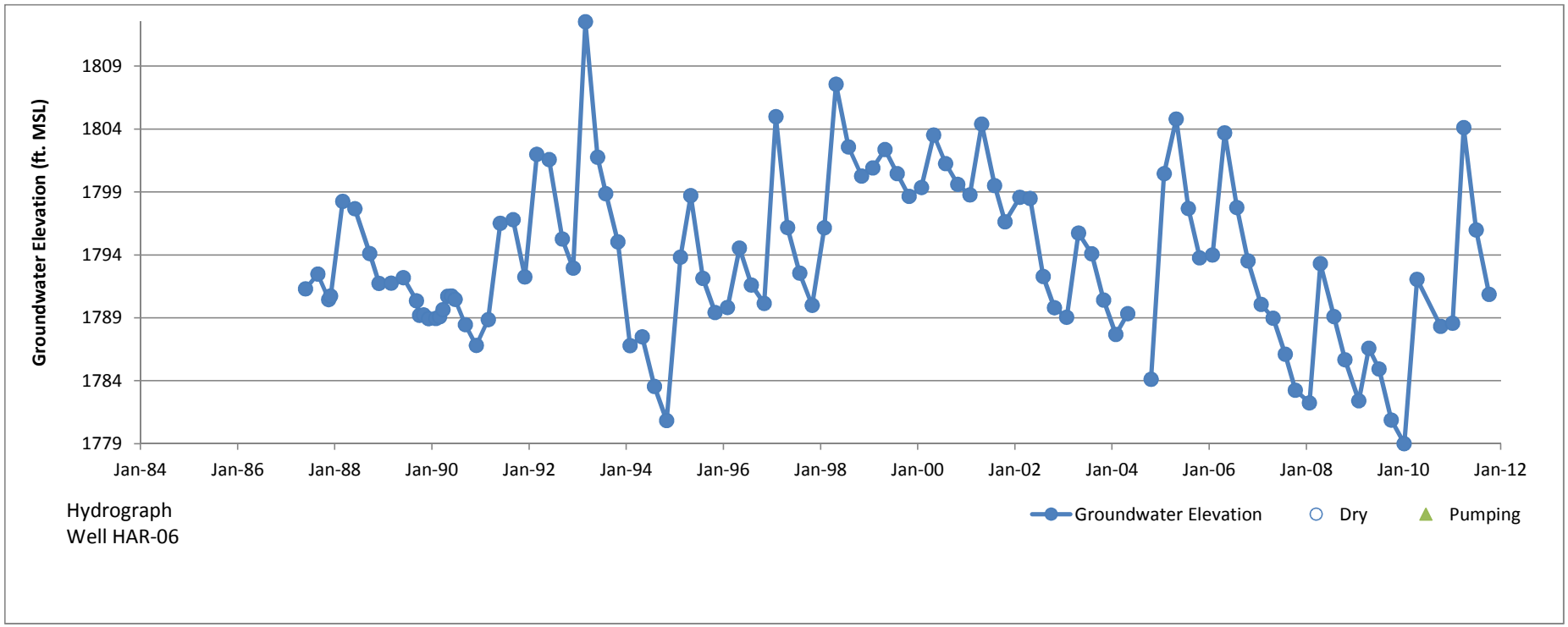

Groundwater Elevation (ft. MSL)
1750.5
1748.5
1746.5
1744.5
1742.5
1740.5
1738.5
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well SH-11
Groundwater Elevation
Dry
Pumping

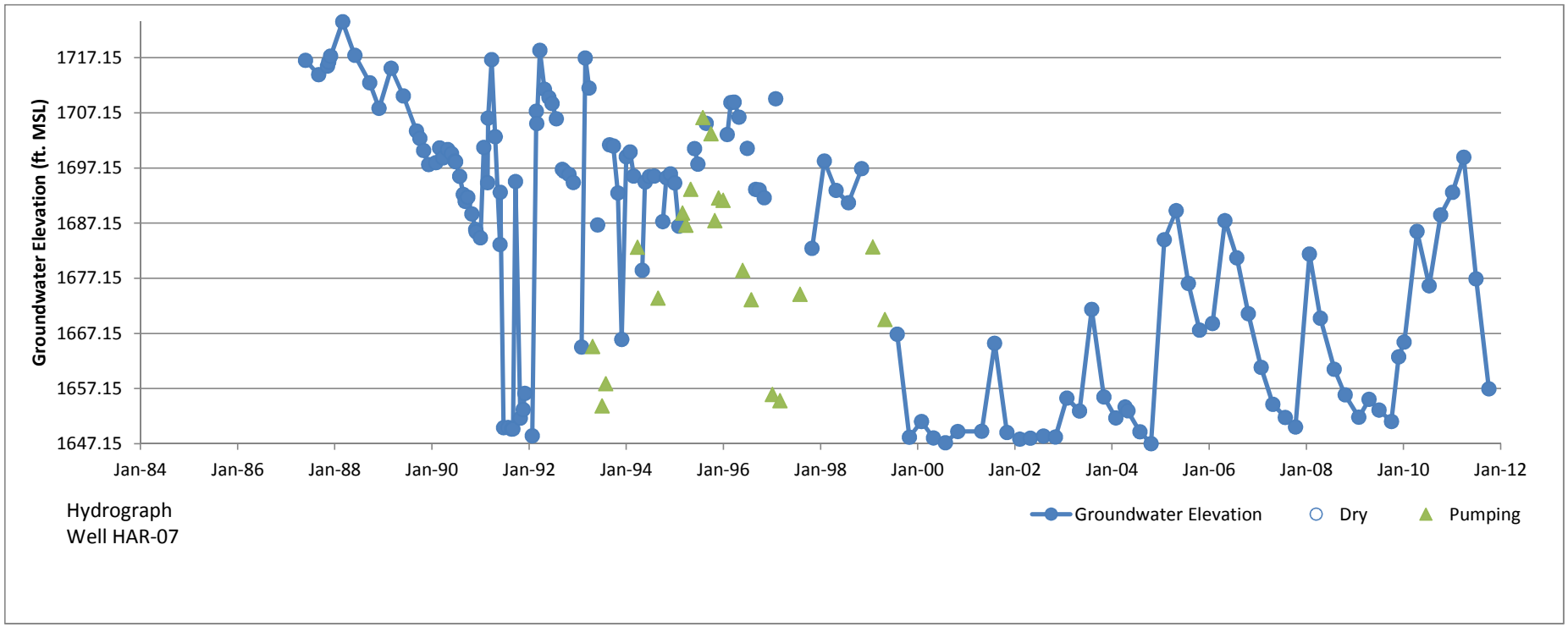
CHATSWORTH FORMATION WELLS

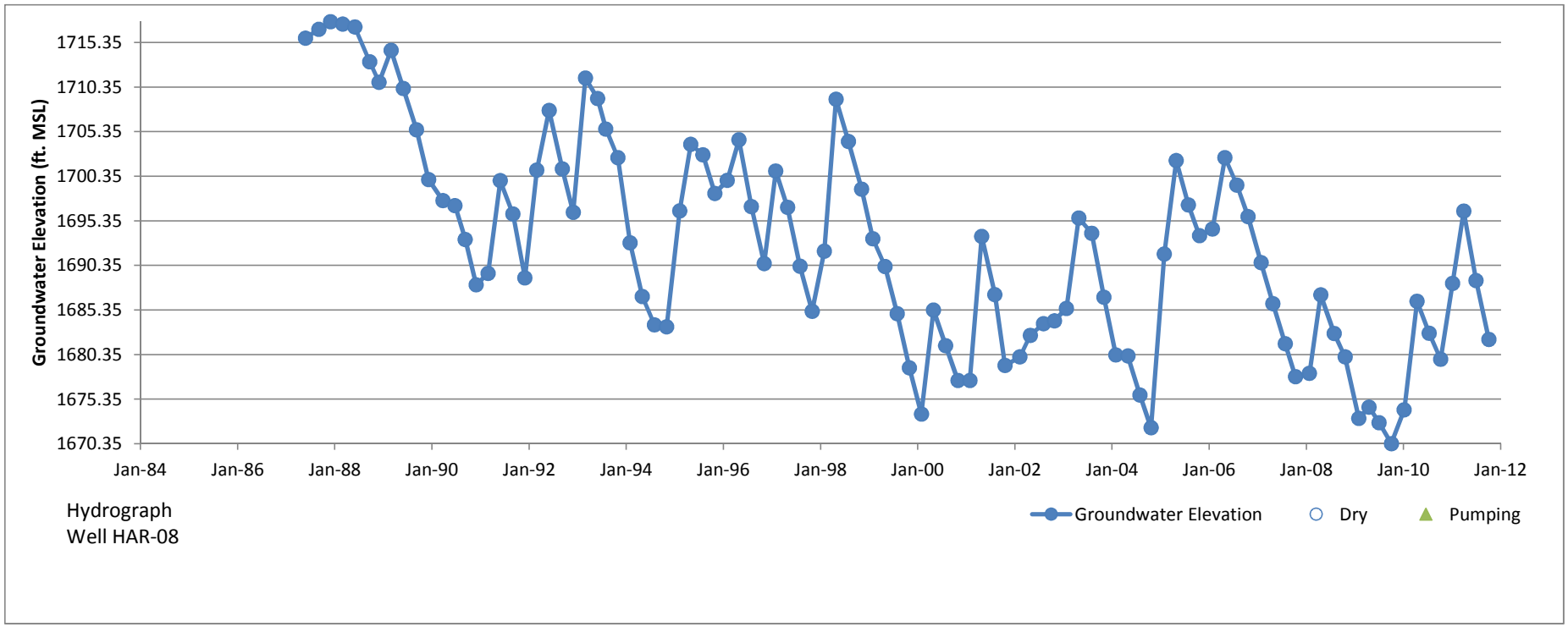


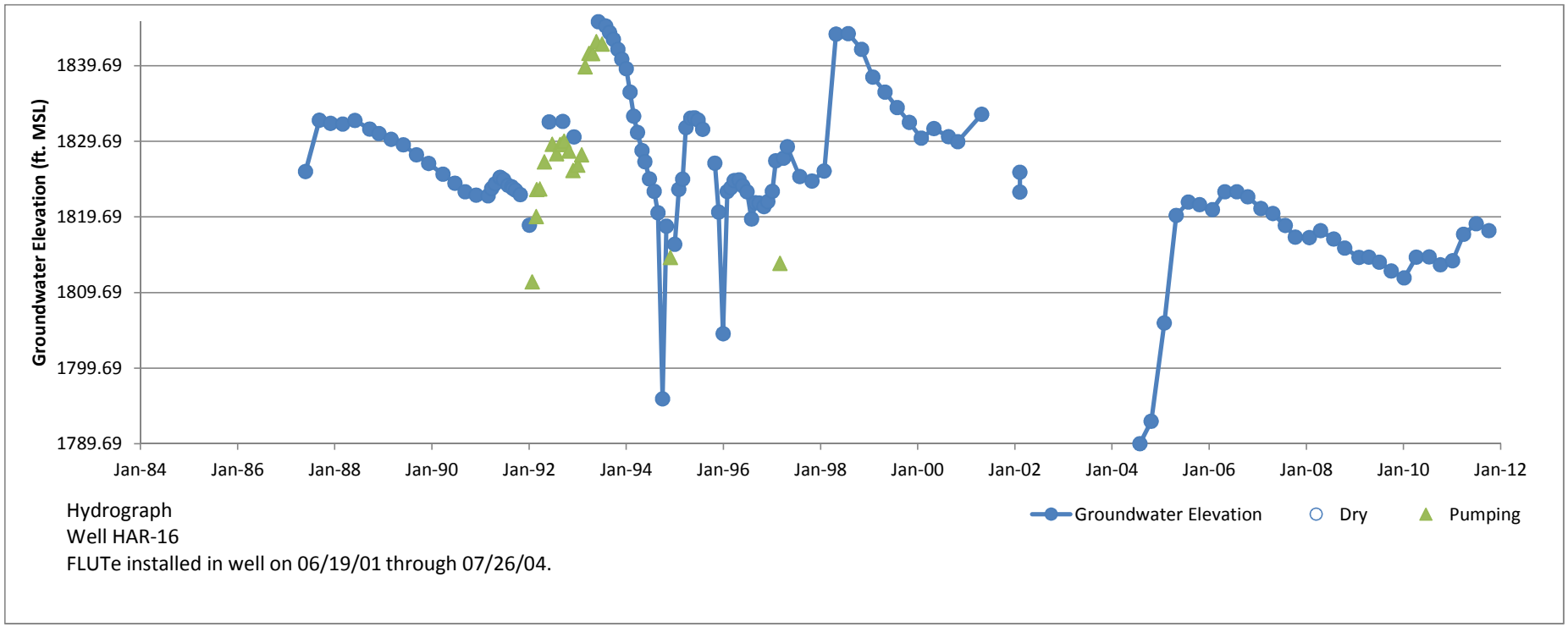
Hydrograph
Well HAR-01
FLUTe installed in well 03/08/01 through 07/26/04.


Groundwater Elevation (ft. MSL)
1797.14
1792.14
1787.14
1782.14
1777.14
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-05
Groundwater Elevation
Dry
Pumping

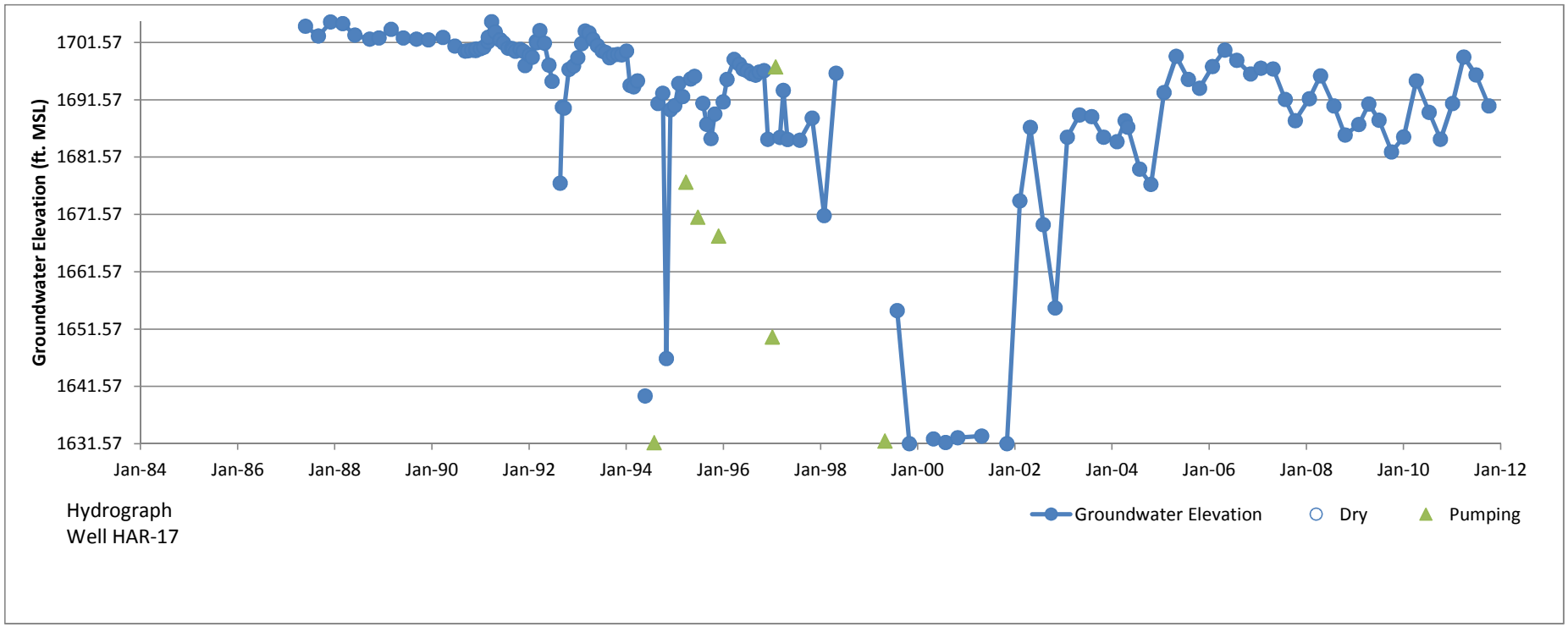

Groundwater Elevation (ft. MSL)
1809
1804
1799
1794
1789
1784
1779
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-06
Groundwater Elevation
Dry
Pumping

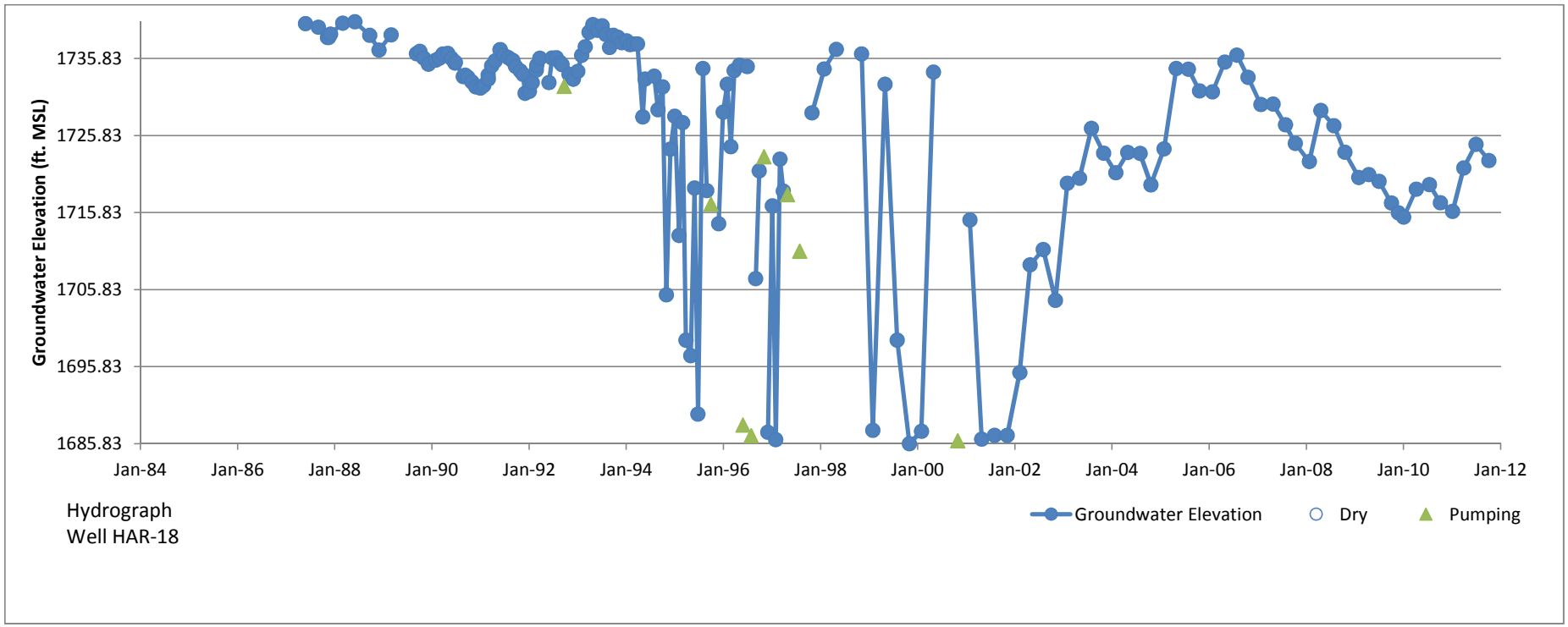

Groundwater Elevation (ft. MSL)
1717.15
1707.15
1697.15
1687.15
1677.15
1667.15
1657.15
1647.15
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-07
Groundwater Elevation
Dry
Pumping

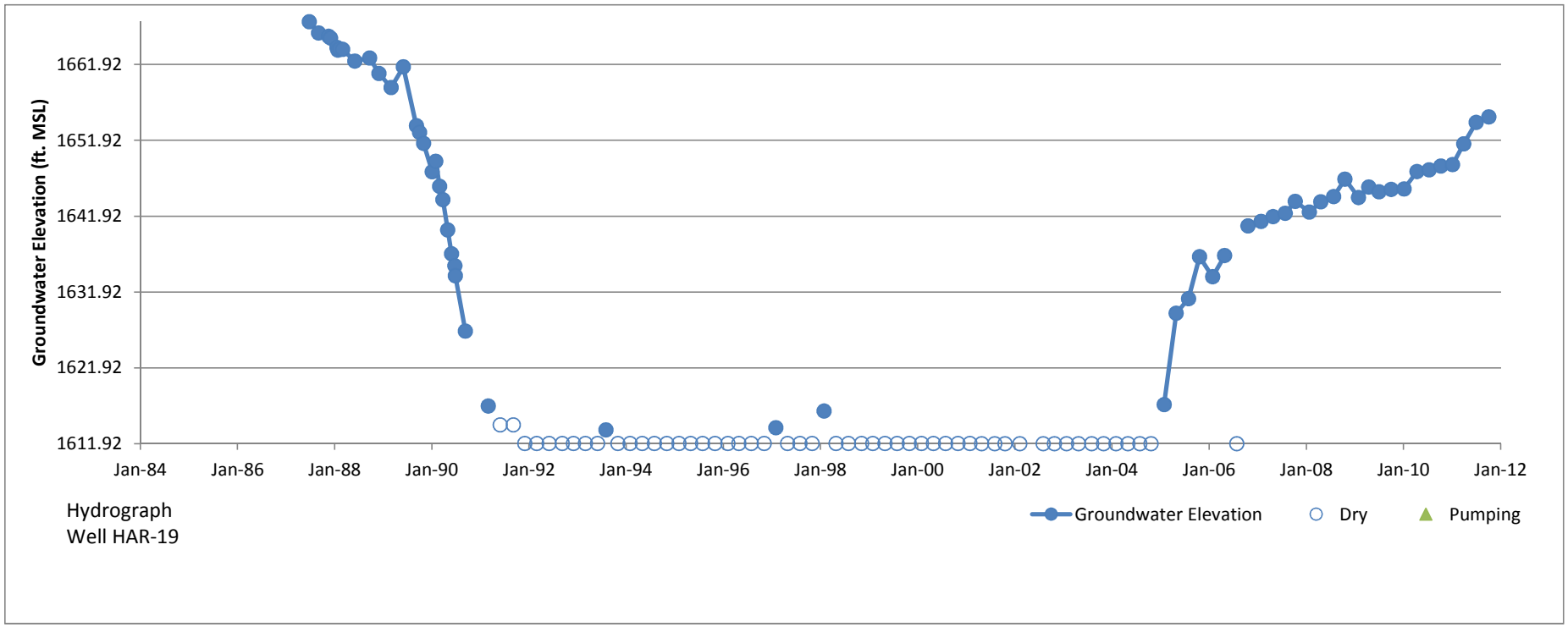

Groundwater Elevation (ft. MSL)
1715.35
1710.35
1705.35
1700.35
1695.35
1690.35
1685.35
1680.35
1675.35
1670.35
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-08
Groundwater Elevation
Dry
Pumping

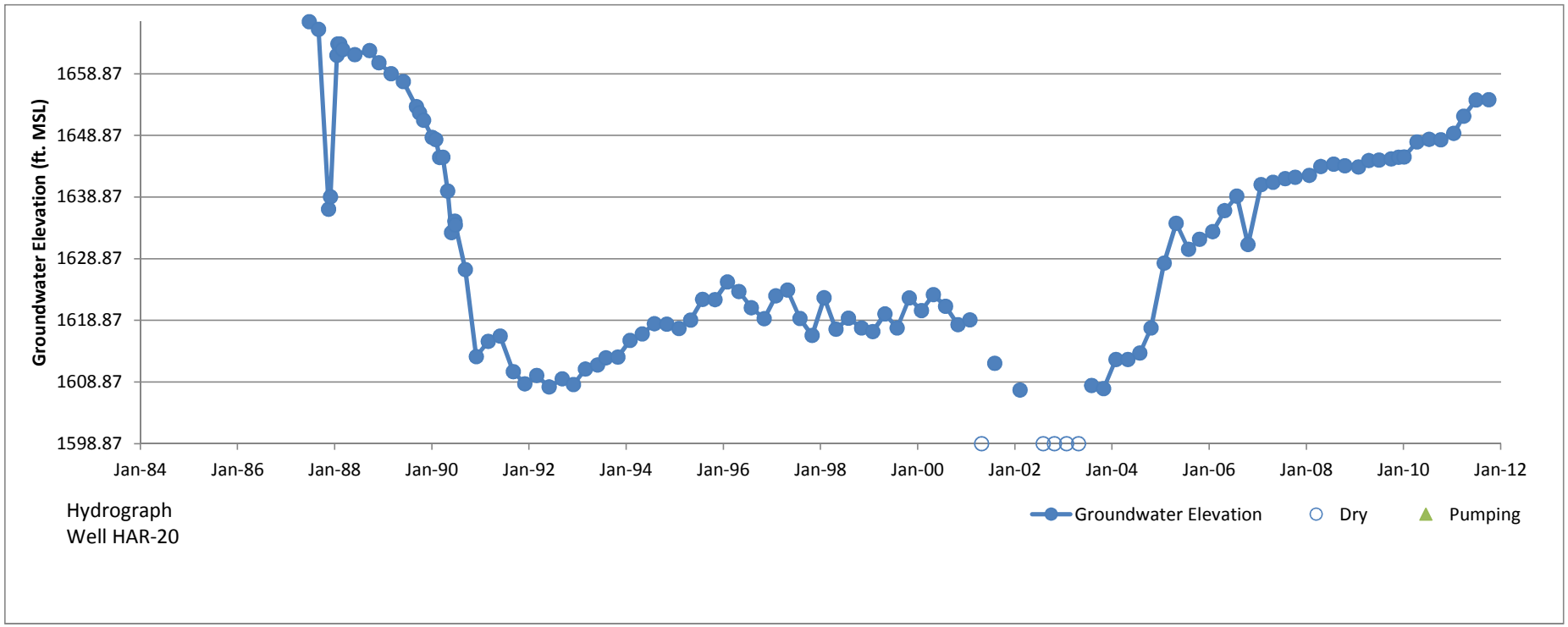


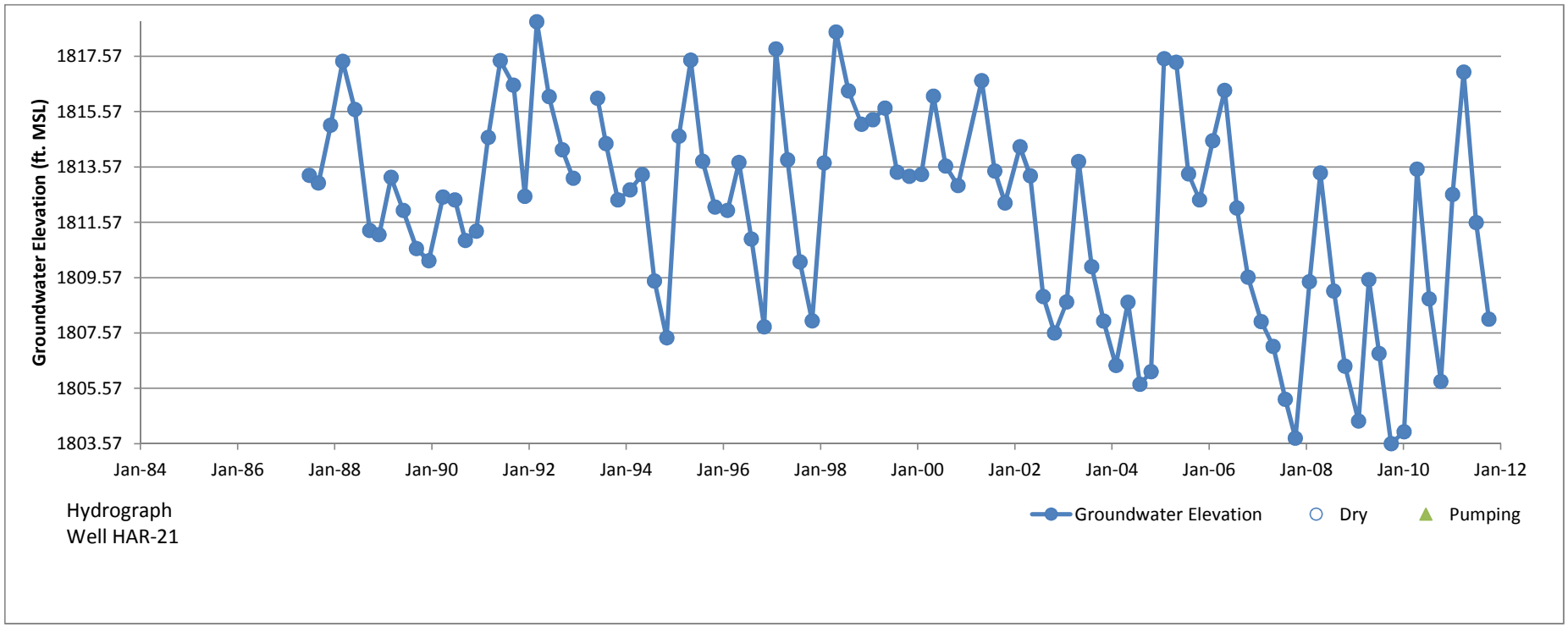
Hydrograph
Well HAR-16
FLUTe installed in well on 06/19/01 through 07/26/04.

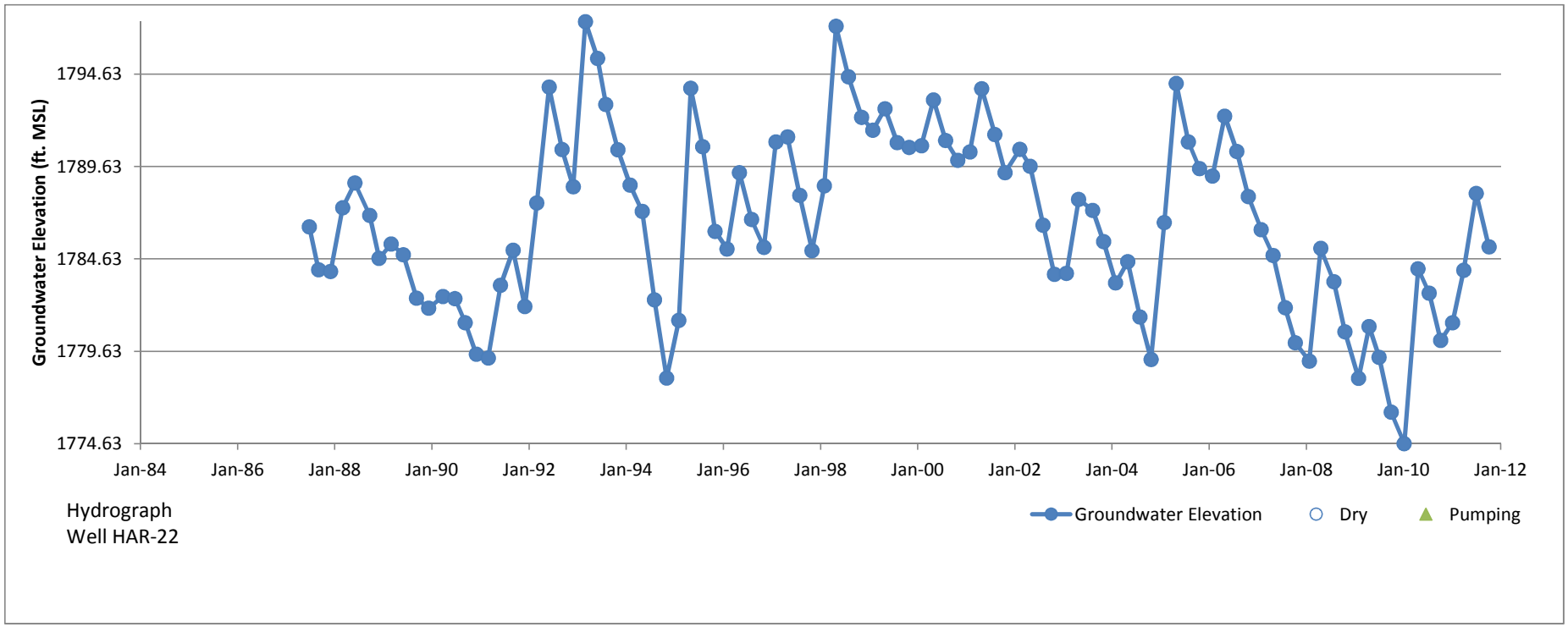

Groundwater Elevation (ft. MSL)
1701.57
1691.57
1681.57
1671.57
1661.57
1651.57
1641.57
1631.57
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-17
Groundwater Elevation
Dry
Pumping

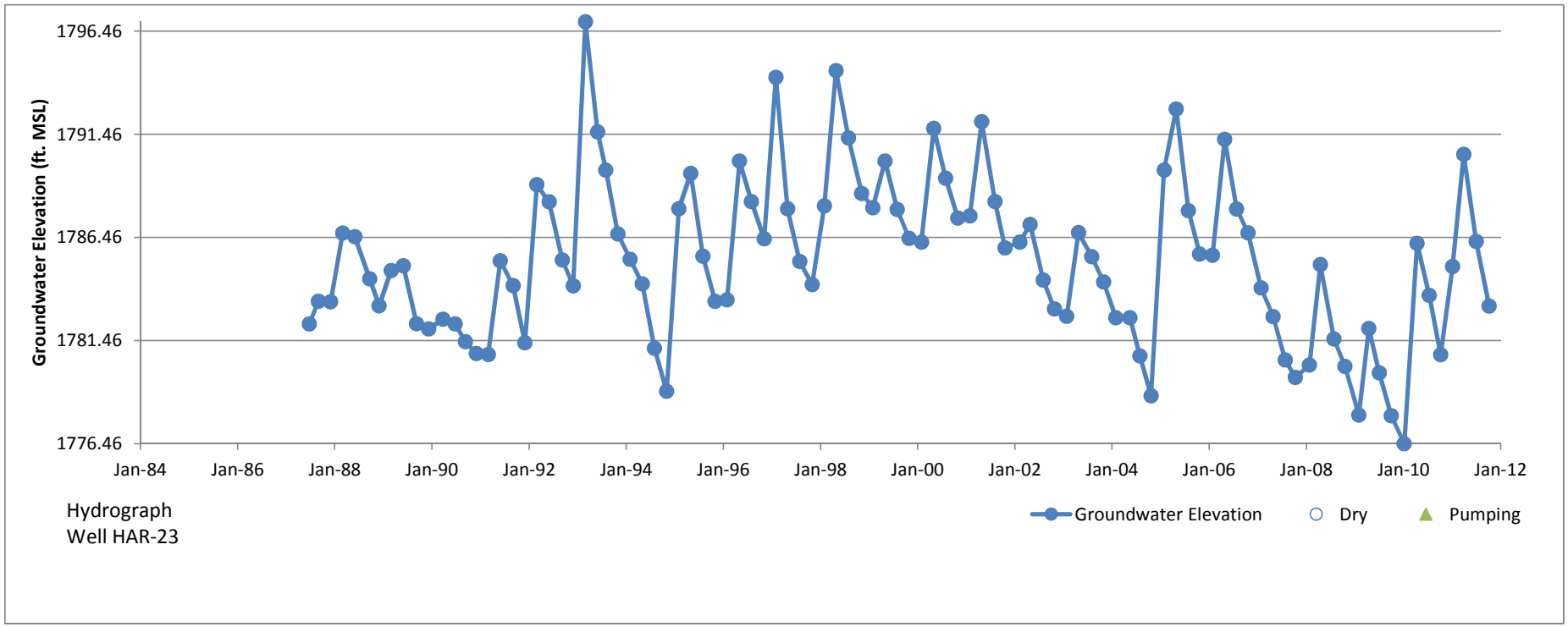

Groundwater Elevation (ft. MSL)
1735.83
1725.83
1715.83
1705.83
1695.83
1685.83
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-18
Groundwater Elevation
Dry
Pumping

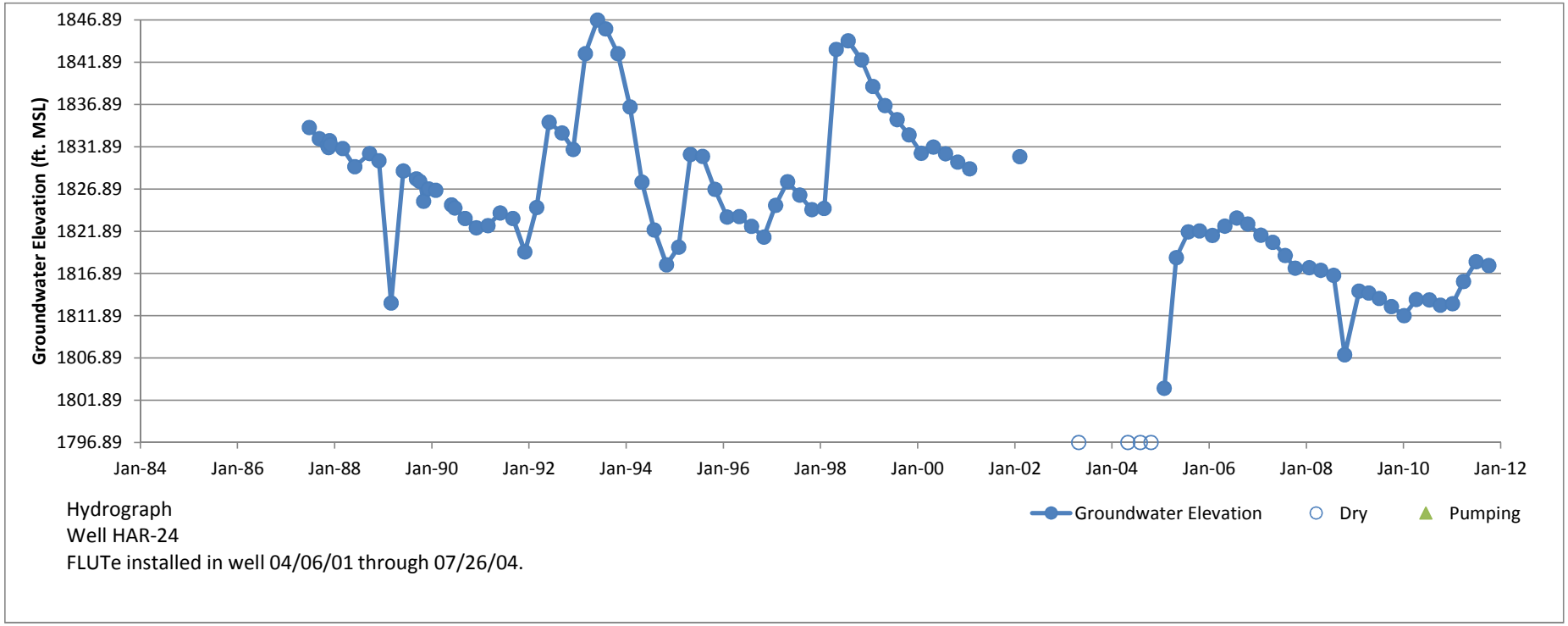

Groundwater Elevation (ft. MSL)
1661.92
1651.92
1641.92
1631.92
1621.92
1611.92
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-19
Groundwater Elevation
Dry
Pumping


Groundwater Elevation (ft. MSL)
1658.87
1648.87
1638.87
1628.87
1618.87
1608.87
1598.87
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-20
Groundwater Elevation
Dry
Pumping

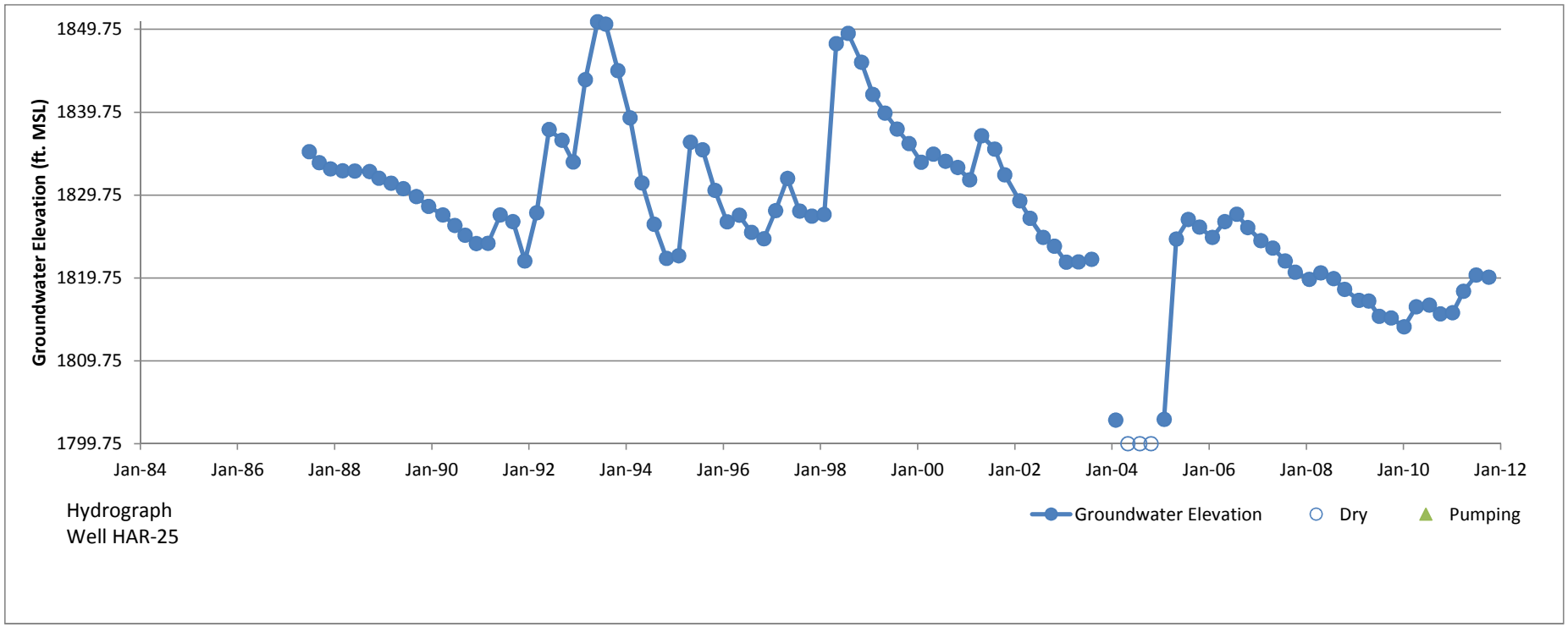

Groundwater Elevation (ft. MSL)
1817.57
1815.57
1813.57
1811.57
1809.57
1807.57
1805.57
1803.57
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-21
Groundwater Elevation
Dry
Pumping

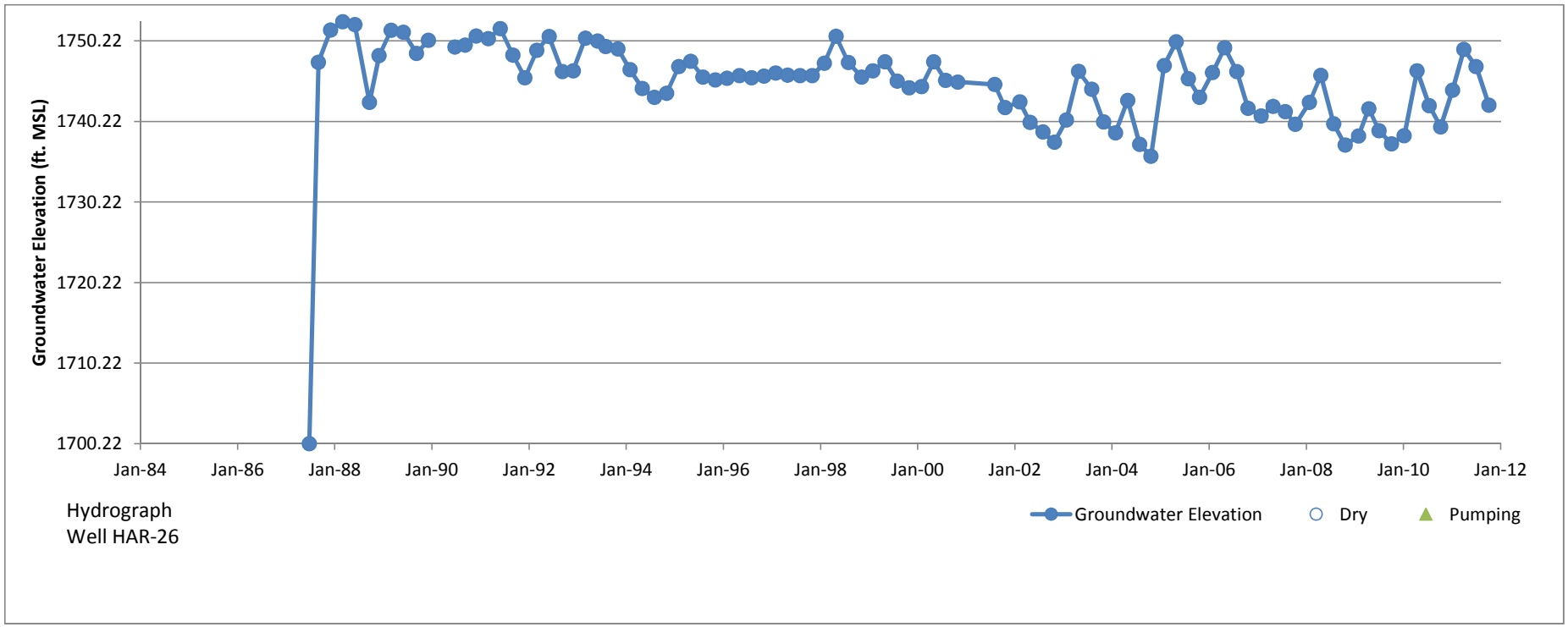

Groundwater Elevation (ft. MSL)
1794.63
1789.63
1784.63
1779.63
1774.63
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-22
Groundwater Elevation
Dry
Pumping

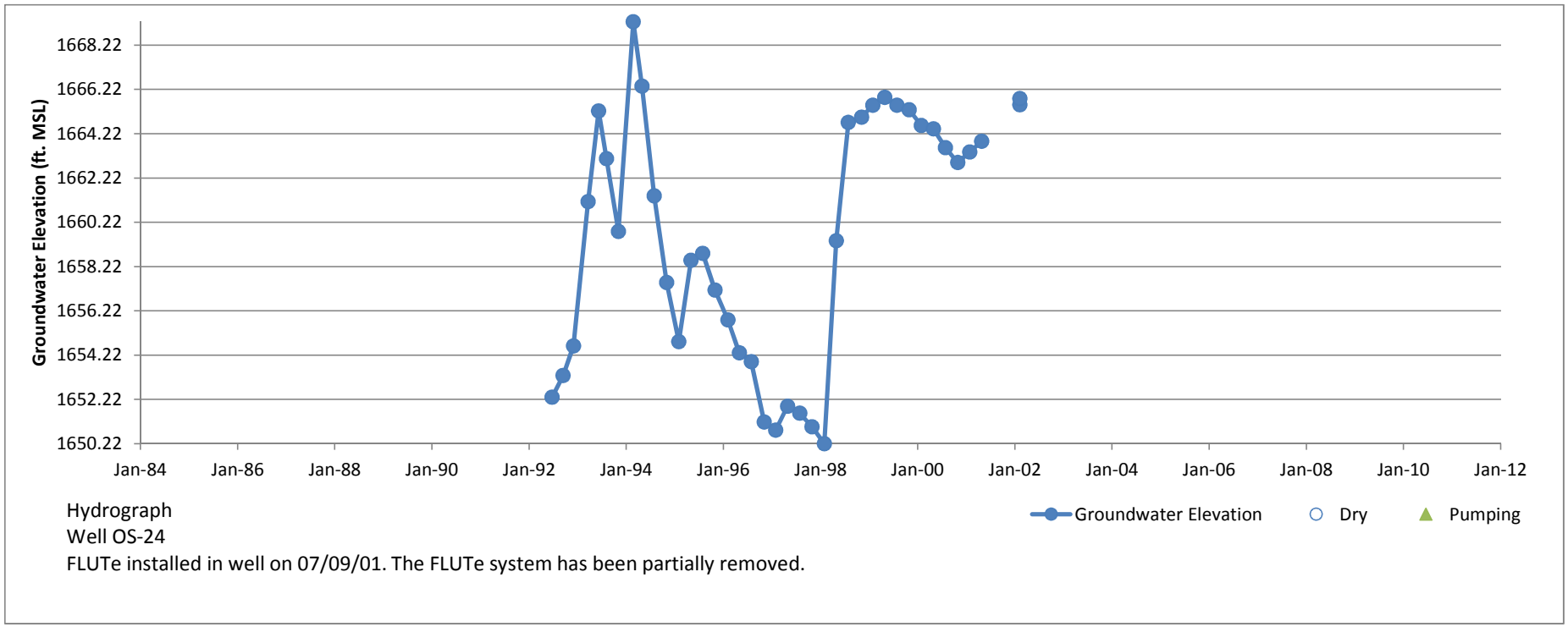

Groundwater Elevation (ft. MSL)
1796.46
1791.46
1786.46
1781.46
1776.46
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-23
Groundwater Elevation
Dry
Pumping



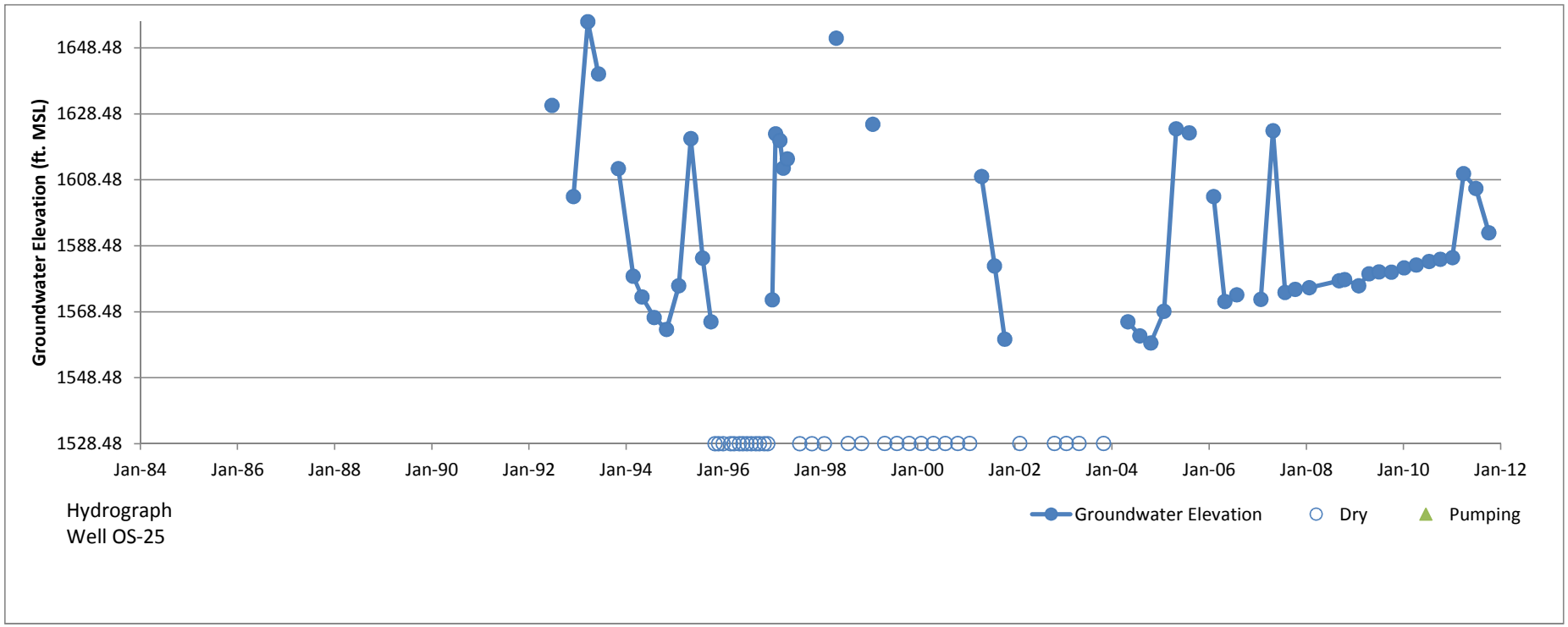
Hydrograph
Well HAR-24
FLUTe installed in well 04/06/01 through 07/26/04.

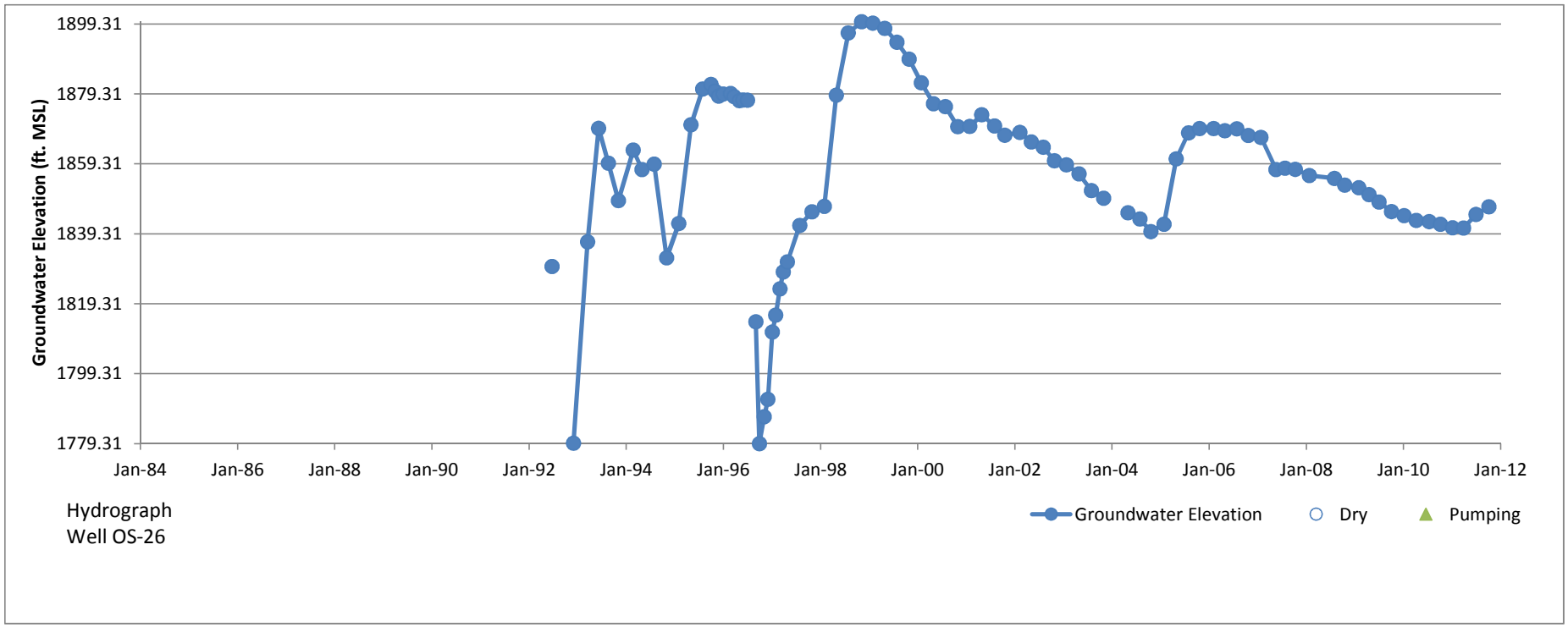

Groundwater Elevation (ft. MSL)
1849.75
1839.75
1829.75
1819.75
1809.75
1799.75
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-25
Groundwater Elevation
Dry
Pumping

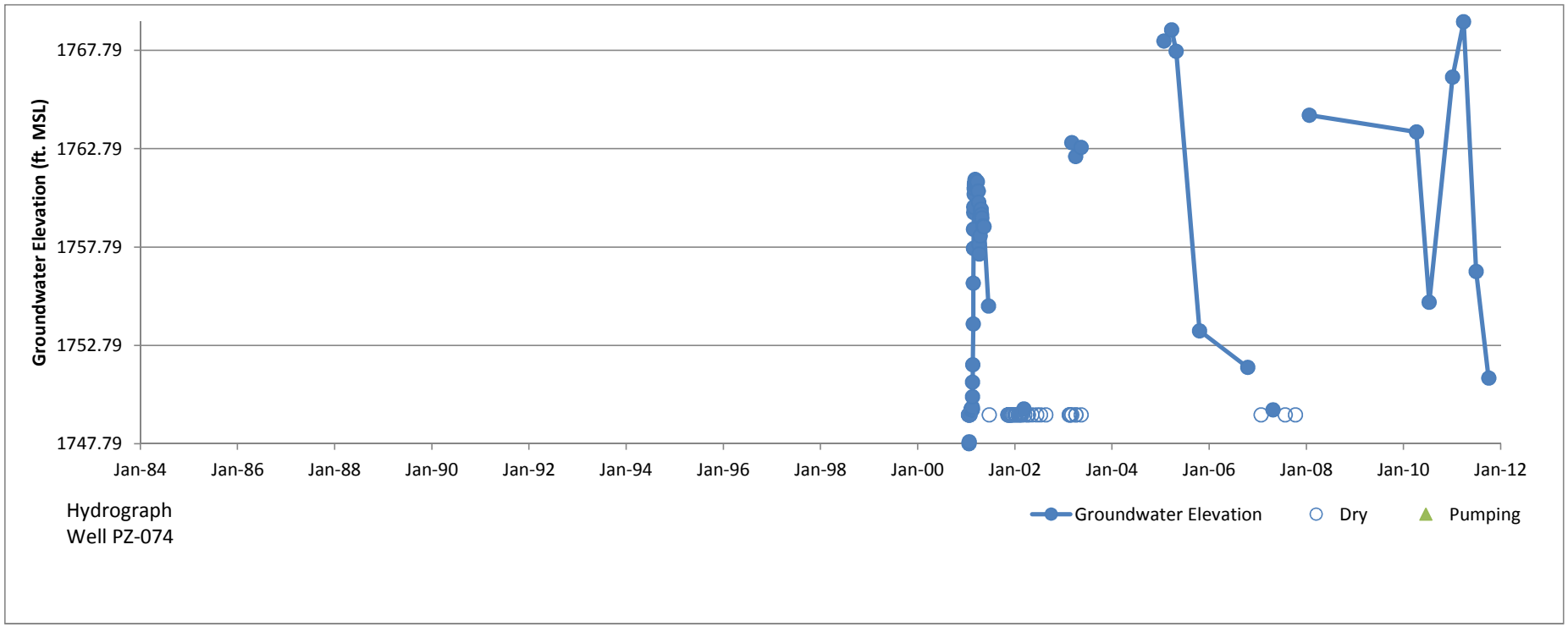

Groundwater Elevation (ft. MSL)
1750.22
1740.22
1730.22
1720.22
1710.22
1700.22
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well HAR-26
Groundwater Elevation
Dry
Pumping

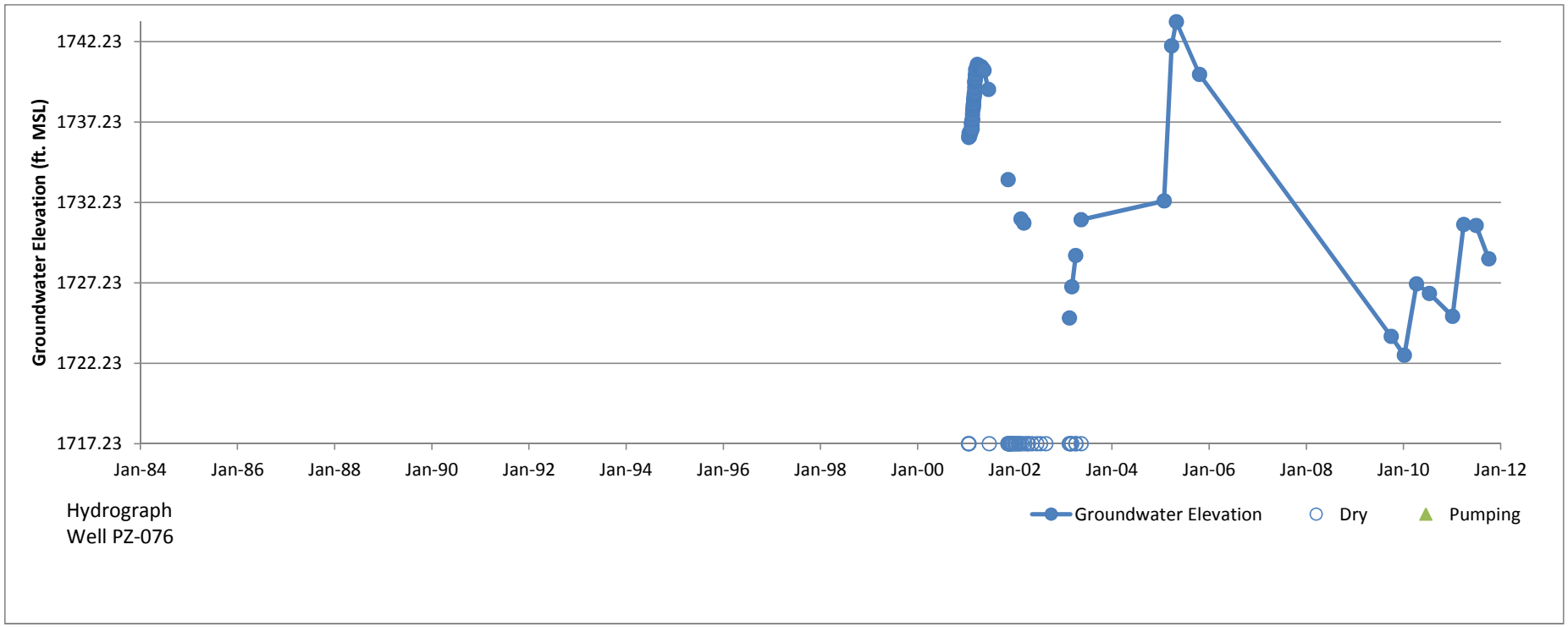


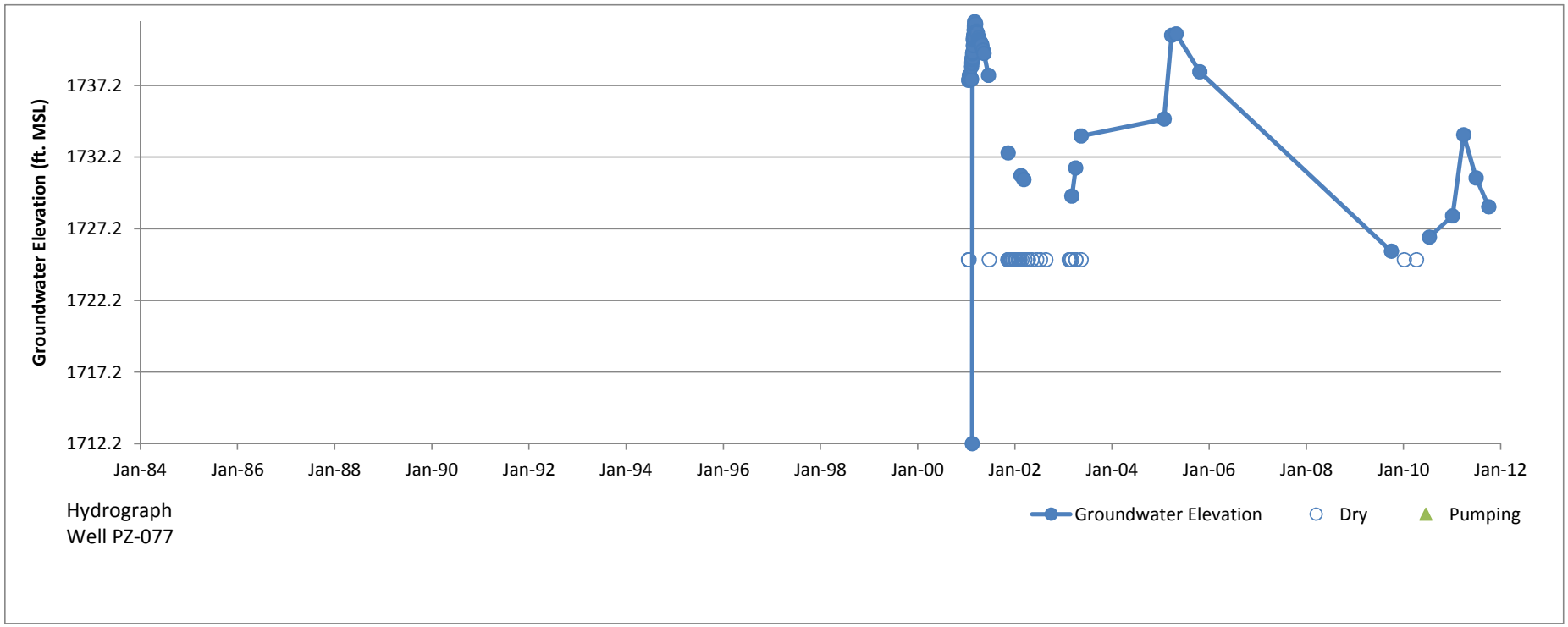
Hydrograph
Well OS-24
FLUTe installed in well on 07/09/01. The FLUTe system has been partially removed.

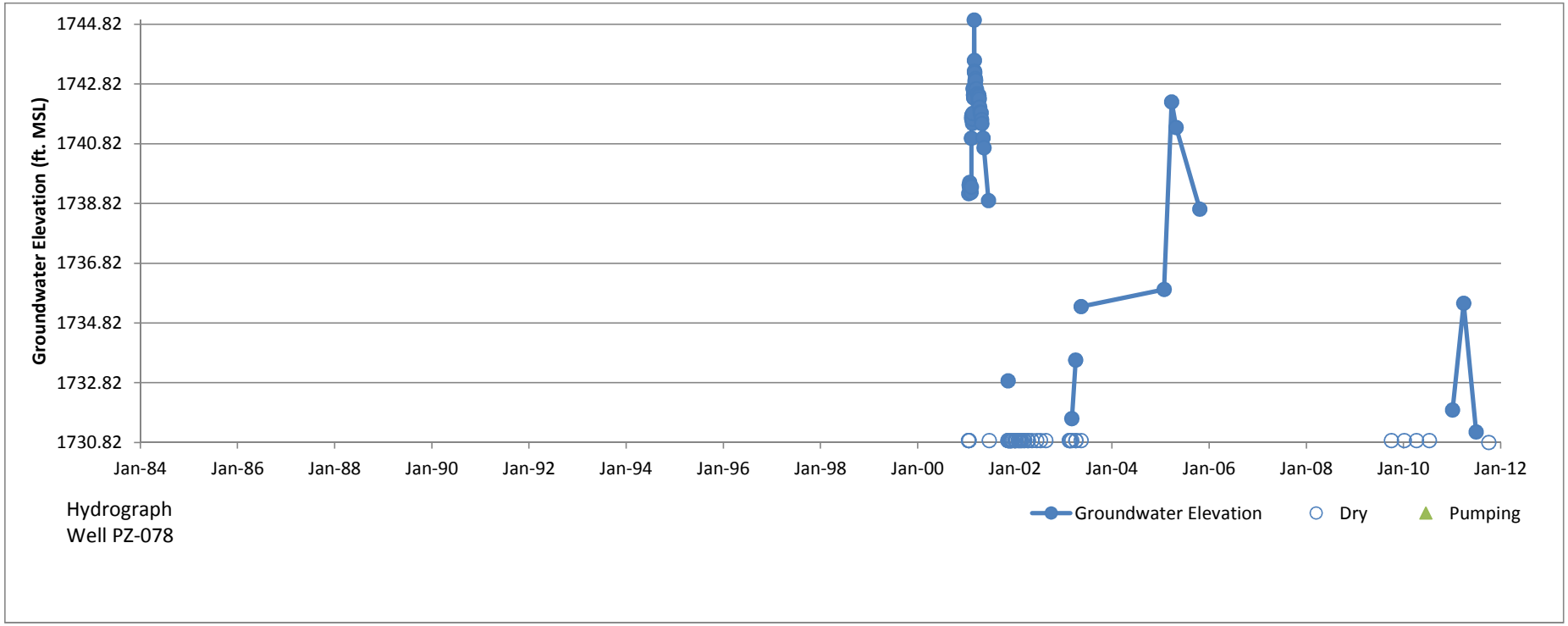

Groundwater Elevation (ft. MSL)
1648.48
1628.48
1608.48
1588.48
1568.48
1548.48
1528.48
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well OS-25
Groundwater Elevation
Dry
Pumping

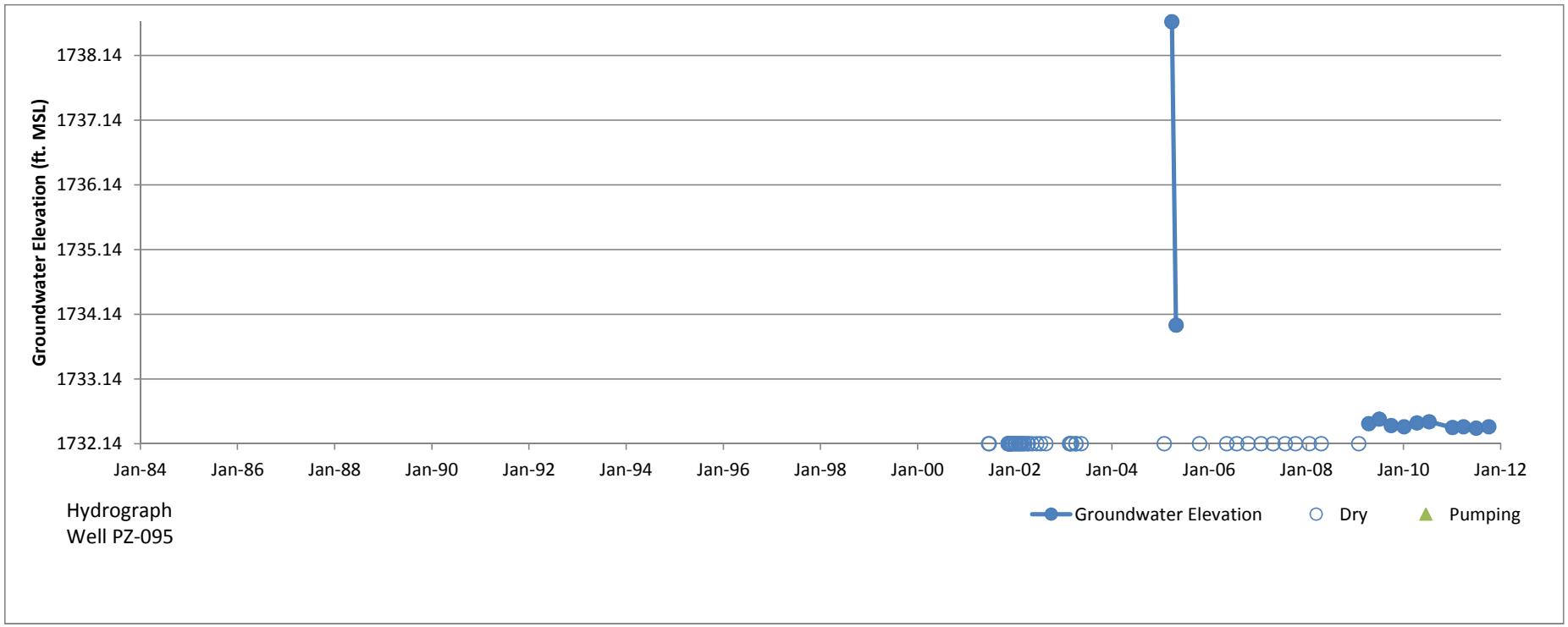

Groundwater Elevation (ft. MSL)
1899.31
1879.31
1859.31
1839.31
1819.31
1799.31
1779.31
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well OS-26
Groundwater Elevation
Dry
Pumping

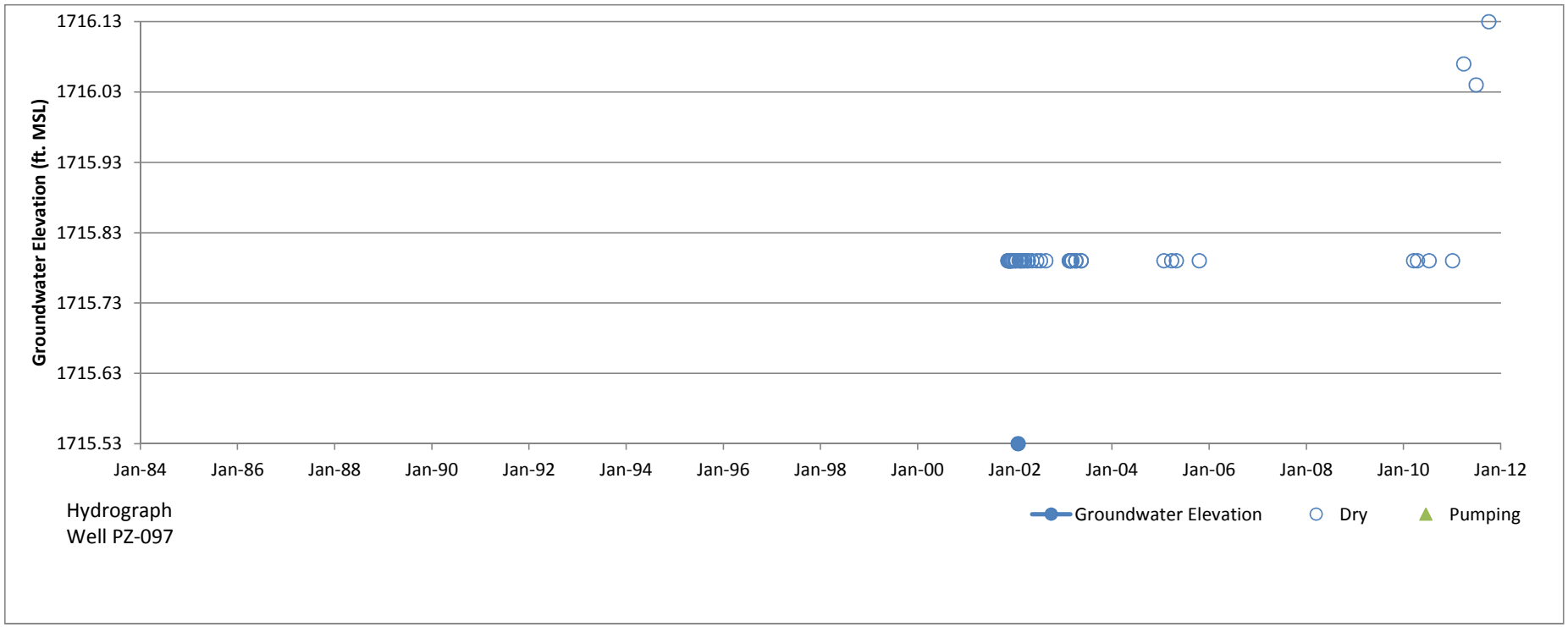

Groundwater Elevation (ft. MSL)
1767.79
1762.79
1757.79
1752.79
1747.79
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well PZ-074
Groundwater Elevation
Dry
Pumping

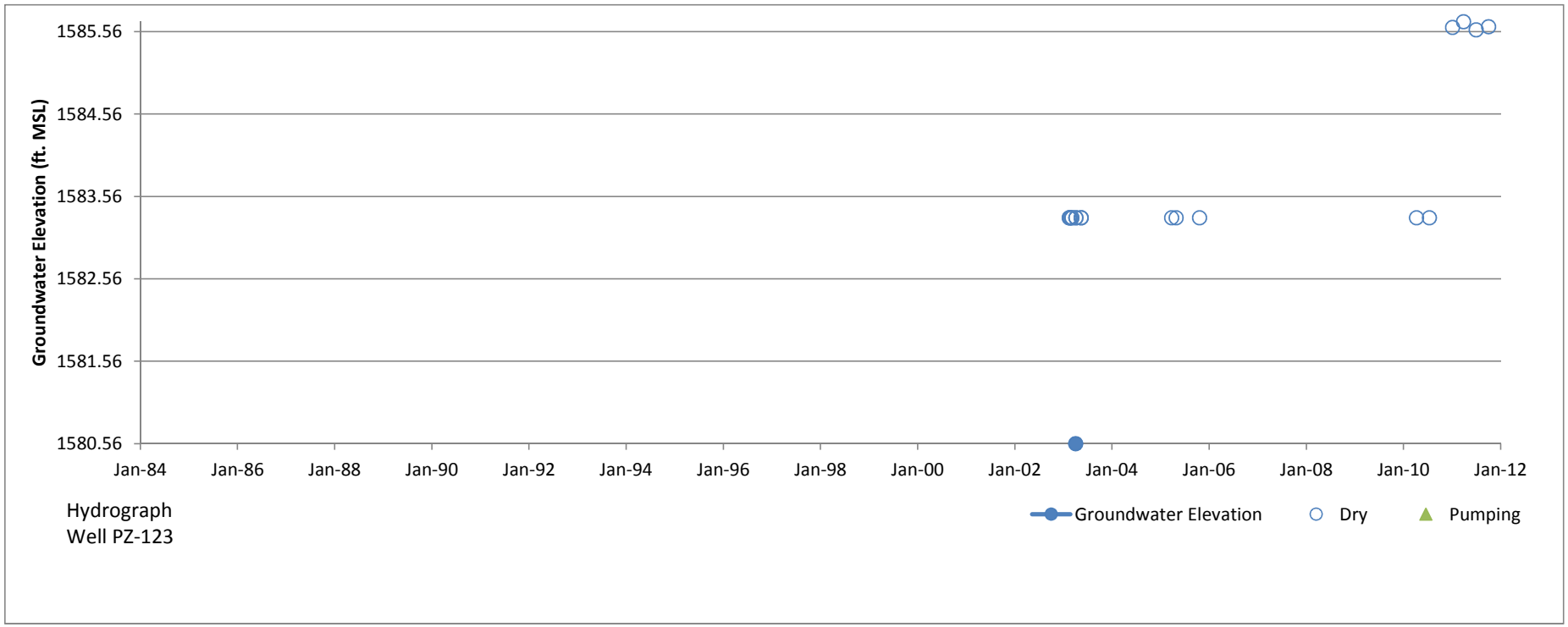

Groundwater Elevation (ft. MSL)
1742.23
1737.23
1732.23
1727.23
1722.23
1717.23
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well PZ-076
Groundwater Elevation
Dry
Pumping

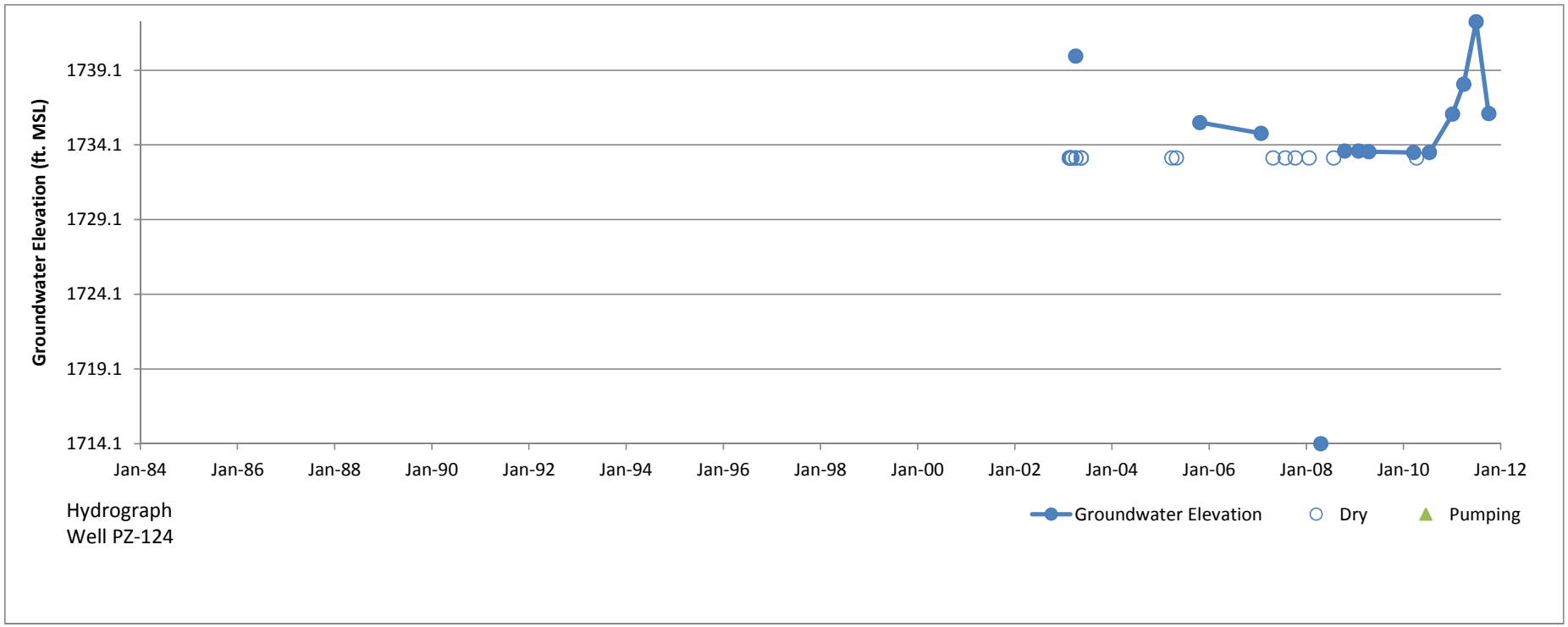

Groundwater Elevation (ft. MSL)
1737.2
1732.2
1727.2
1722.2
1717.2
1712.2
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well PZ-077
Groundwater Elevation
Dry
Pumping

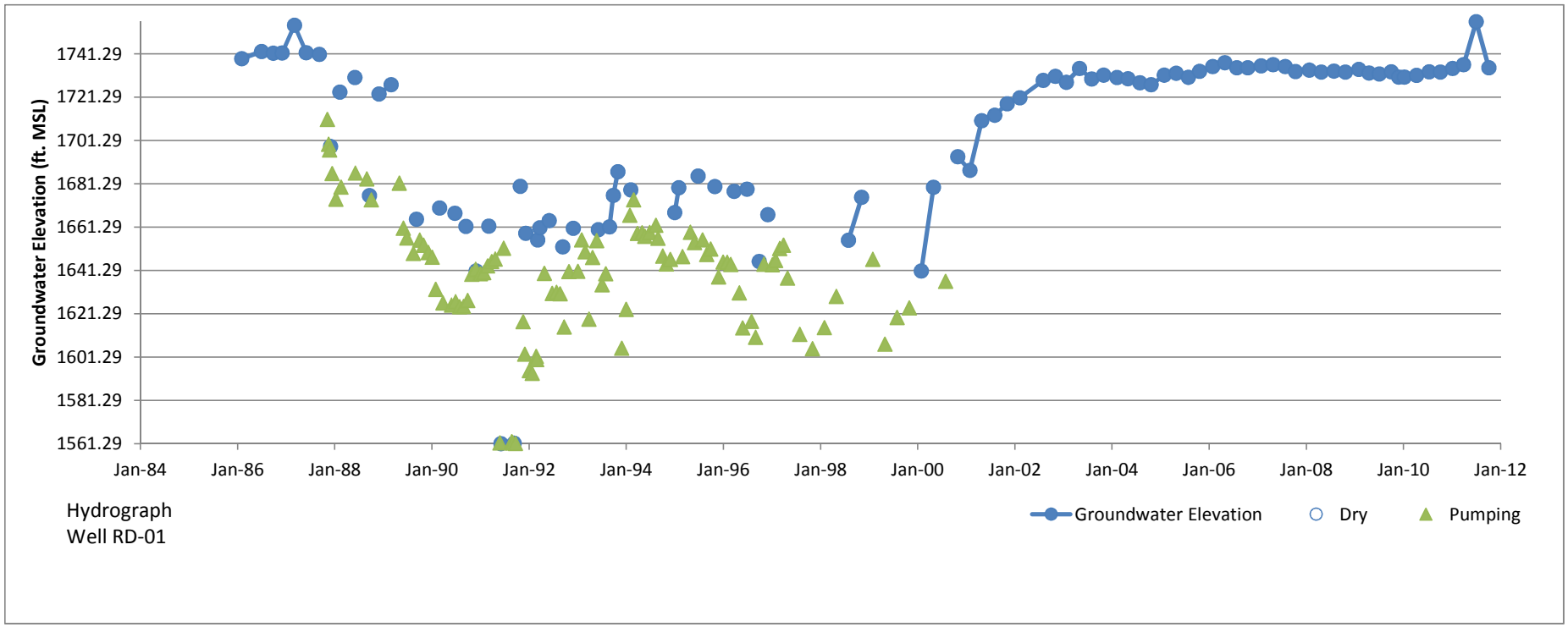

1744.82
1742.82
1740.82
1738.82
1736.82
1734.82
1732.82
1730.82
Groundwater Elevation (ft. MSL)
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well PZ-078
Groundwater Elevation
Dry
Pumping

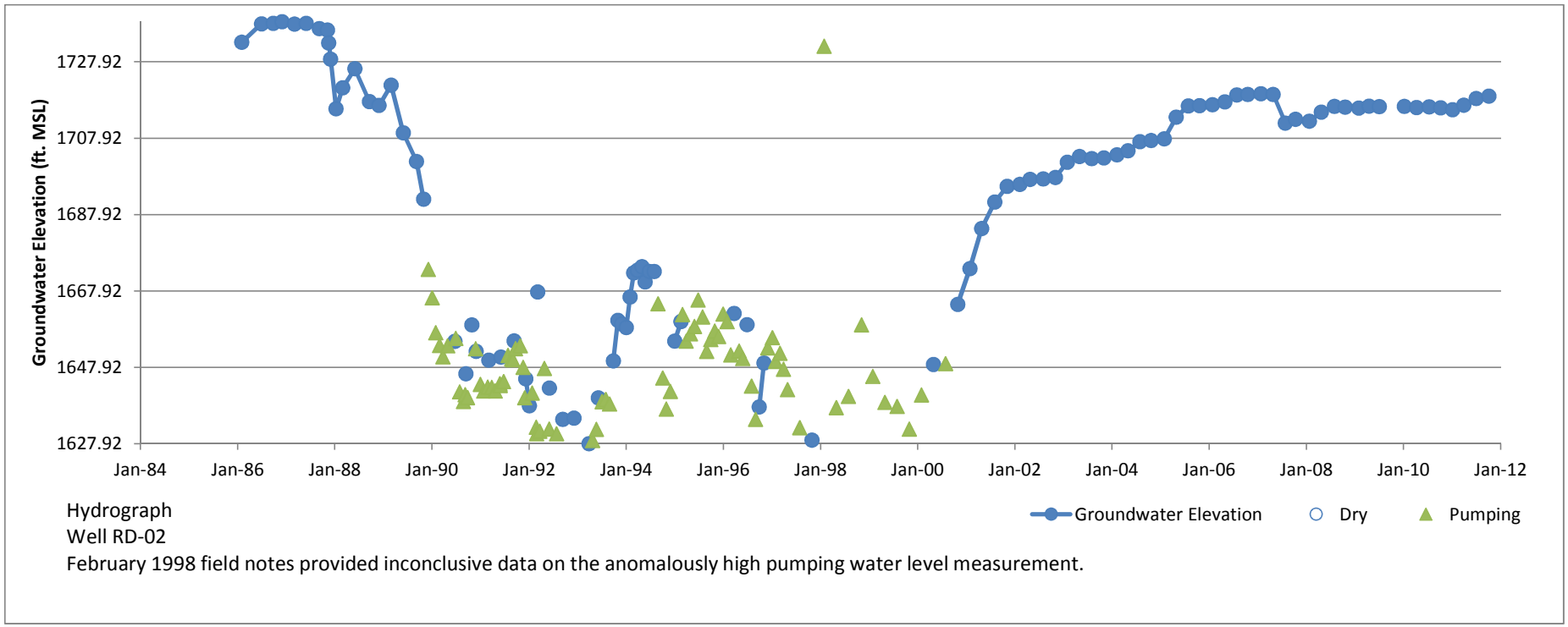

Groundwater Elevation (ft. MSL)
1738.14
1737.14
1736.14
1735.14
1734.14
1733.14
1732.14
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well PZ-095
Groundwater Elevation
Dry
Pumping


Groundwater Elevation (ft. MSL)
1716.13
1716.03
1715.93
1715.83
1715.73
1715.63
1715.53
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well PZ-097
Groundwater Elevation
Dry
Pumping

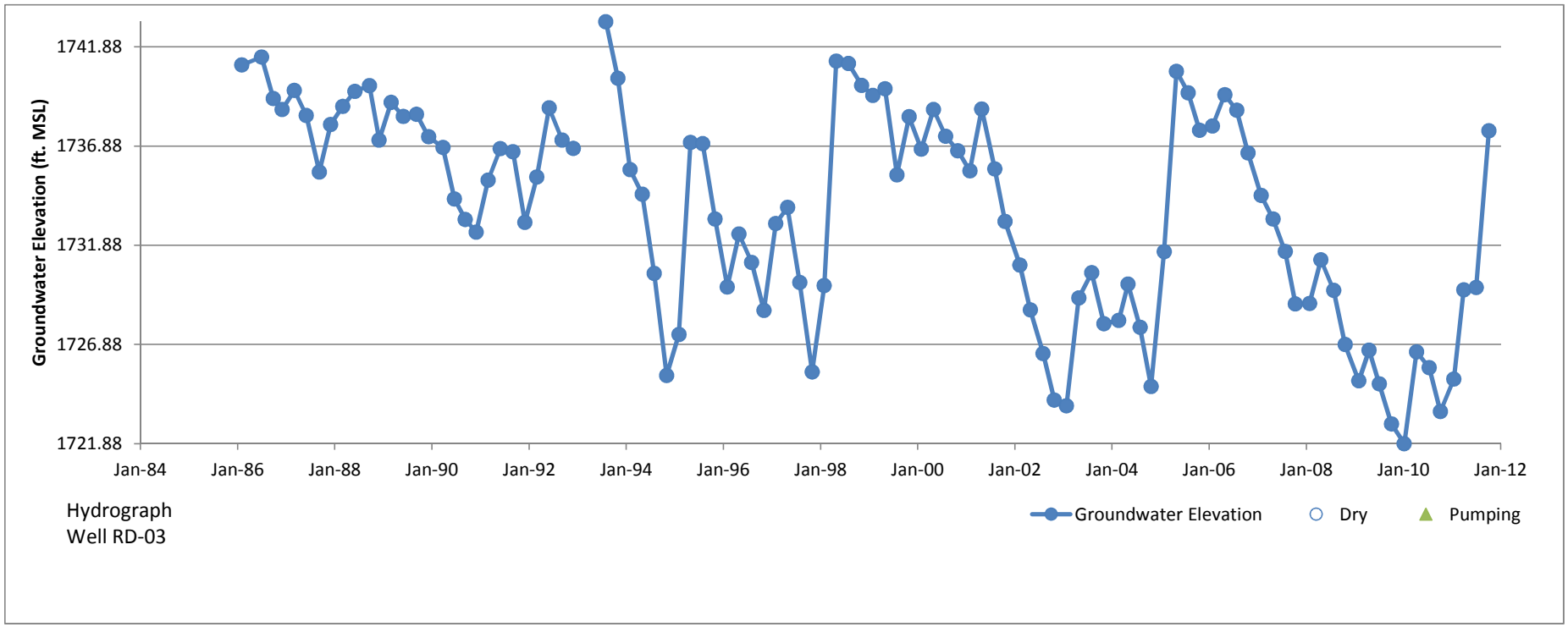

Groundwater Elevation (ft. MSL)
1585.56
1584.56
1583.56
1582.56
1581.56
1580.56
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well PZ-123
Groundwater Elevation
Dry
Pumping

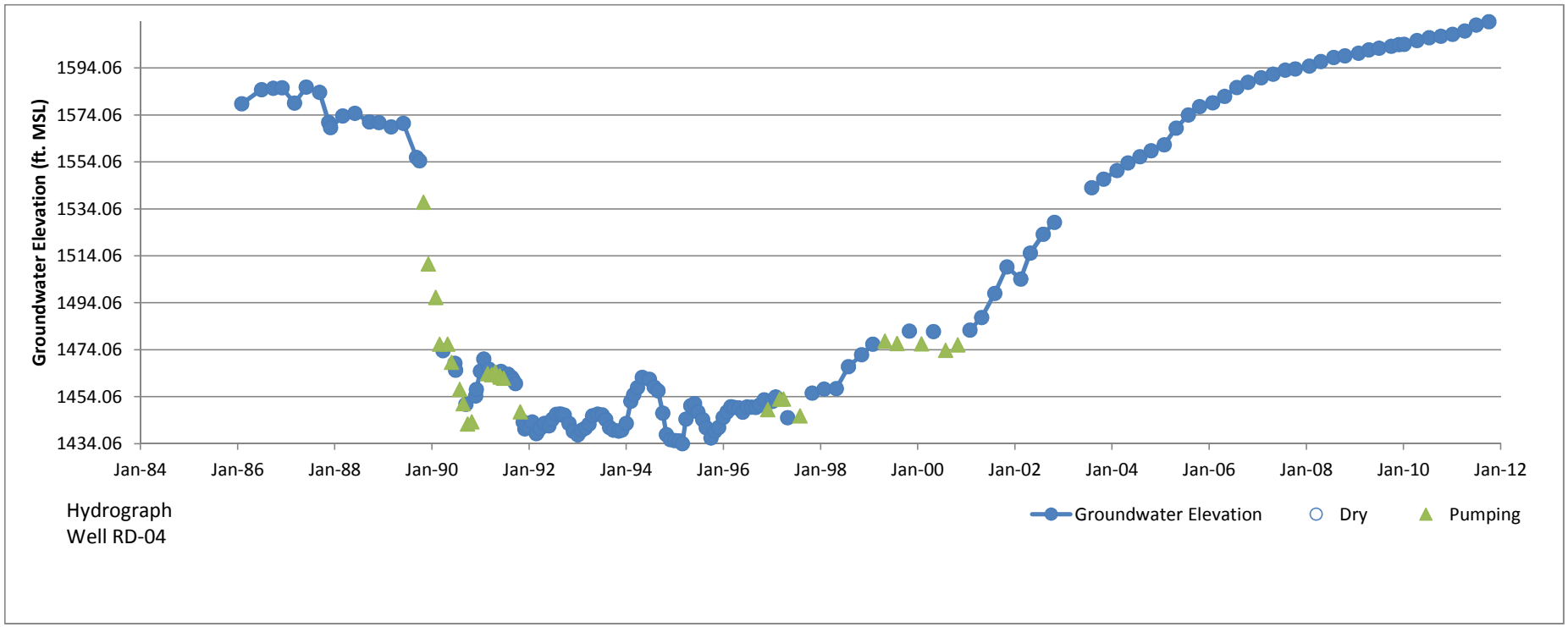

Groundwater Elevation (ft. MSL)
1739.1
1734.1
1729.1
1724.1
1719.1
1714.1
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well PZ-124
Groundwater Elevation
Dry
Pumping

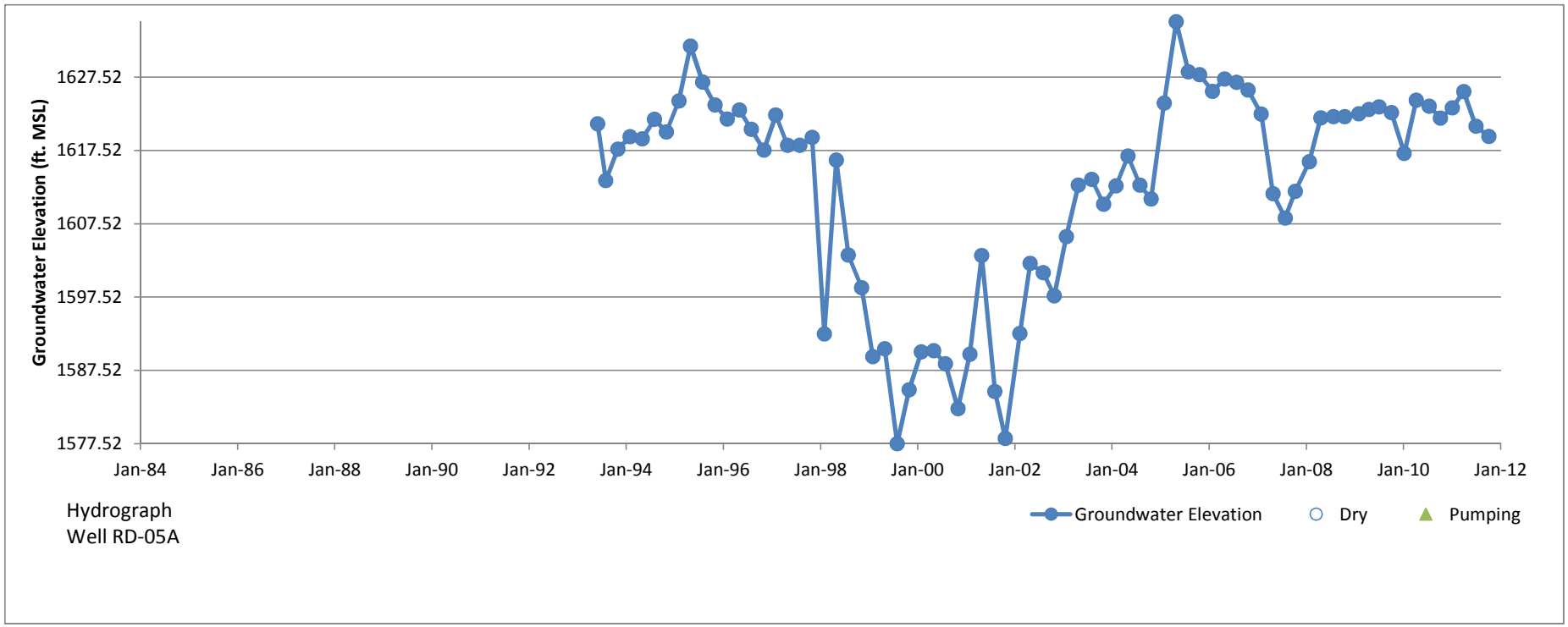

Groundwater Elevation (ft. MSL)
1741.29
1721.29
1701.29
1681.29
1661.29
1641.29
1621.29
1601.29
1581.29
1561.29
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-01
Groundwater Elevation
Dry
Pumping

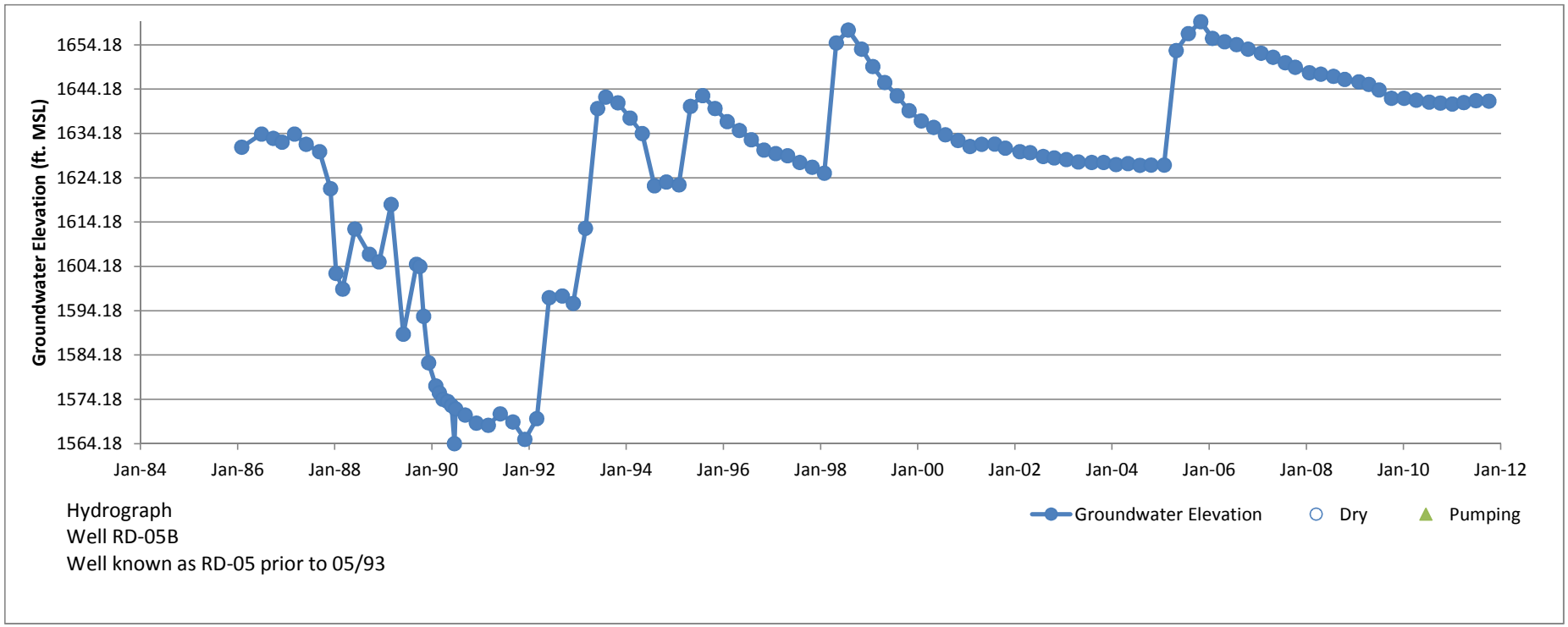


Hydrograph
Well RD-02
February 1998 field notes provided inconclusive data on the anomalously high pumping water level measurement.

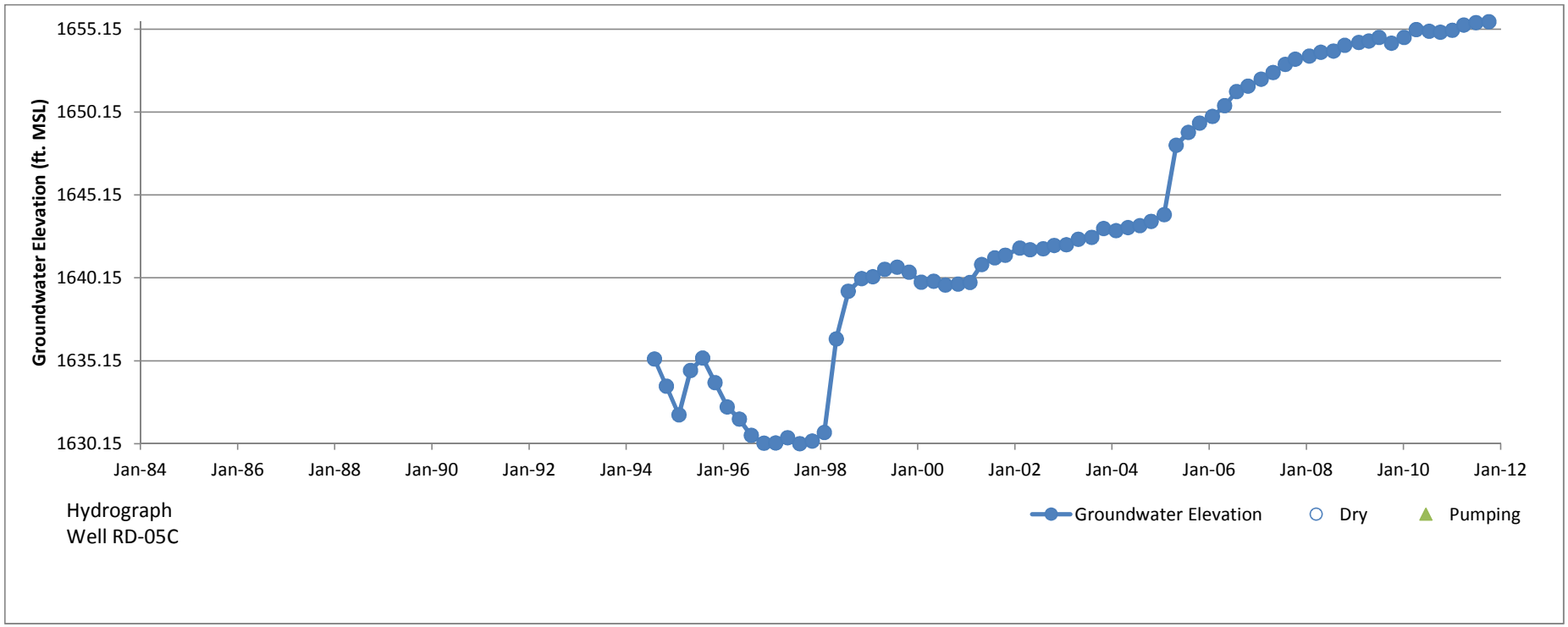

Groundwater Elevation (ft. MSL)
1741.88
1736.88
1731.88
1726.88
1721.88
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-03
Groundwater Elevation
Dry
Pumping

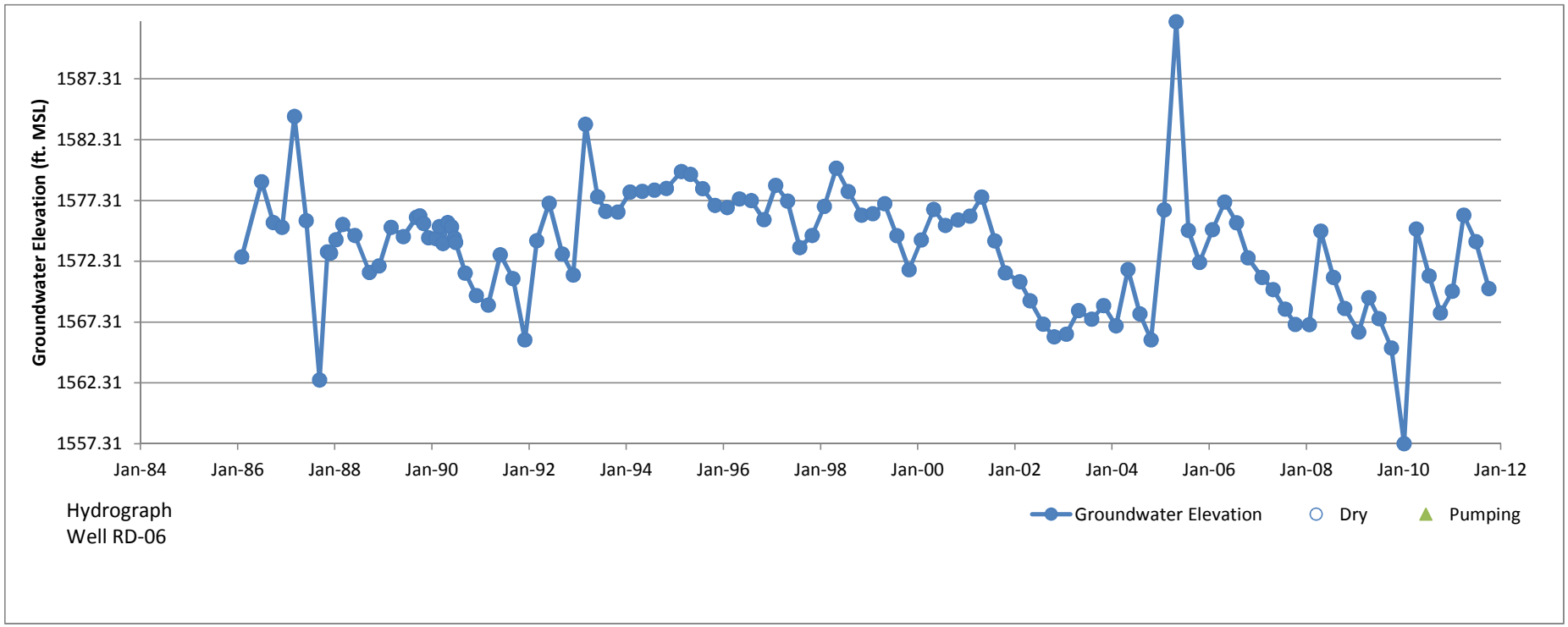

Groundwater Elevation (ft. MSL)
1594.06
1574.06
1554.06
1534.06
1514.06
1494.06
1474.06
1454.06
1434.06
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-04
Groundwater Elevation
Dry
Pumping

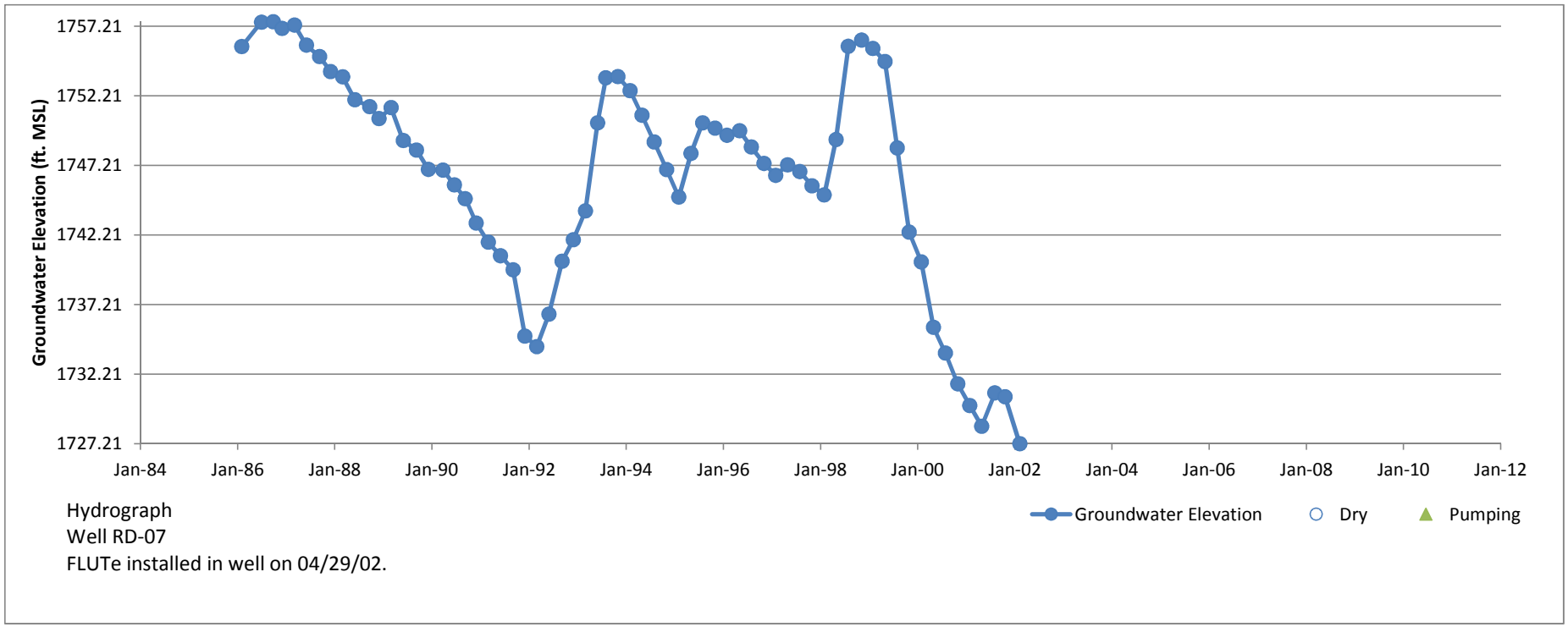

Groundwater Elevation (ft. MSL)
1627.52
1617.52
1607.52
1597.52
1587.52
1577.52
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-05A
Groundwater Elevation
Dry
Pumping



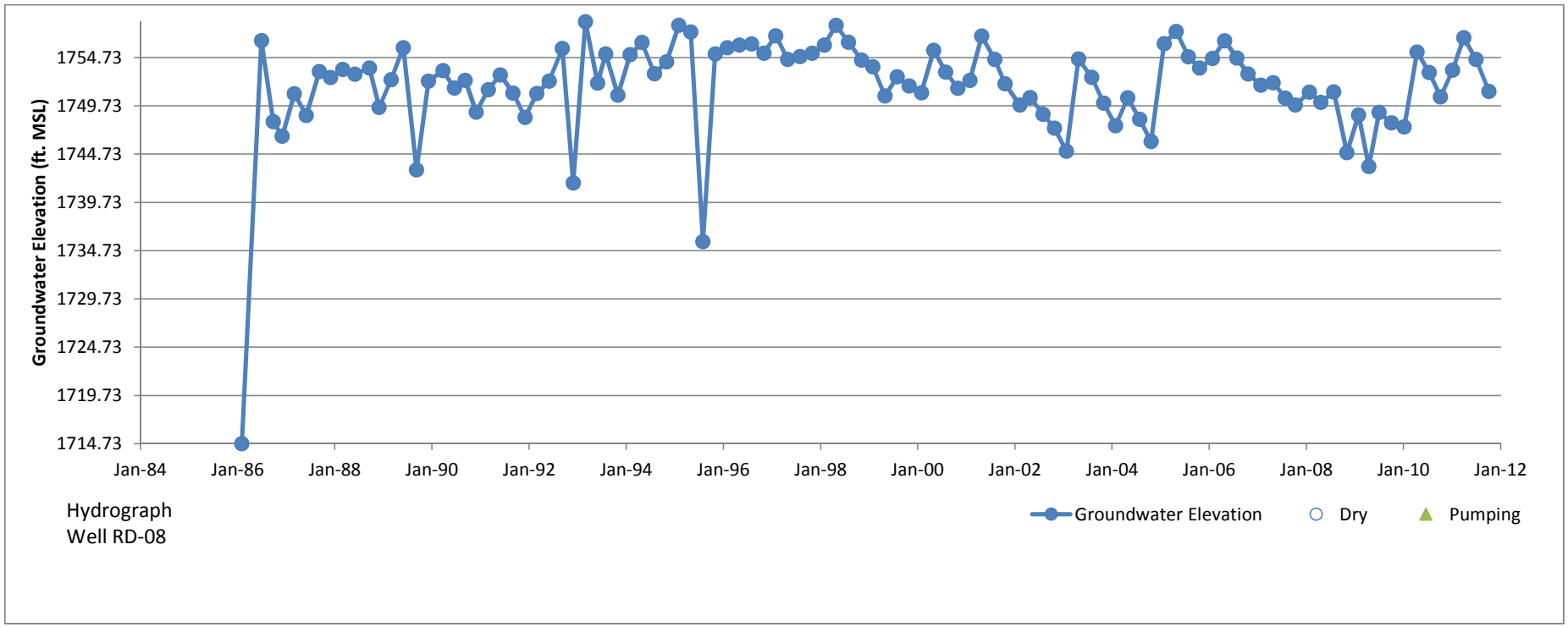
Hydrograph
Well RD-05B
Well known as RD-05 prior to 05/93

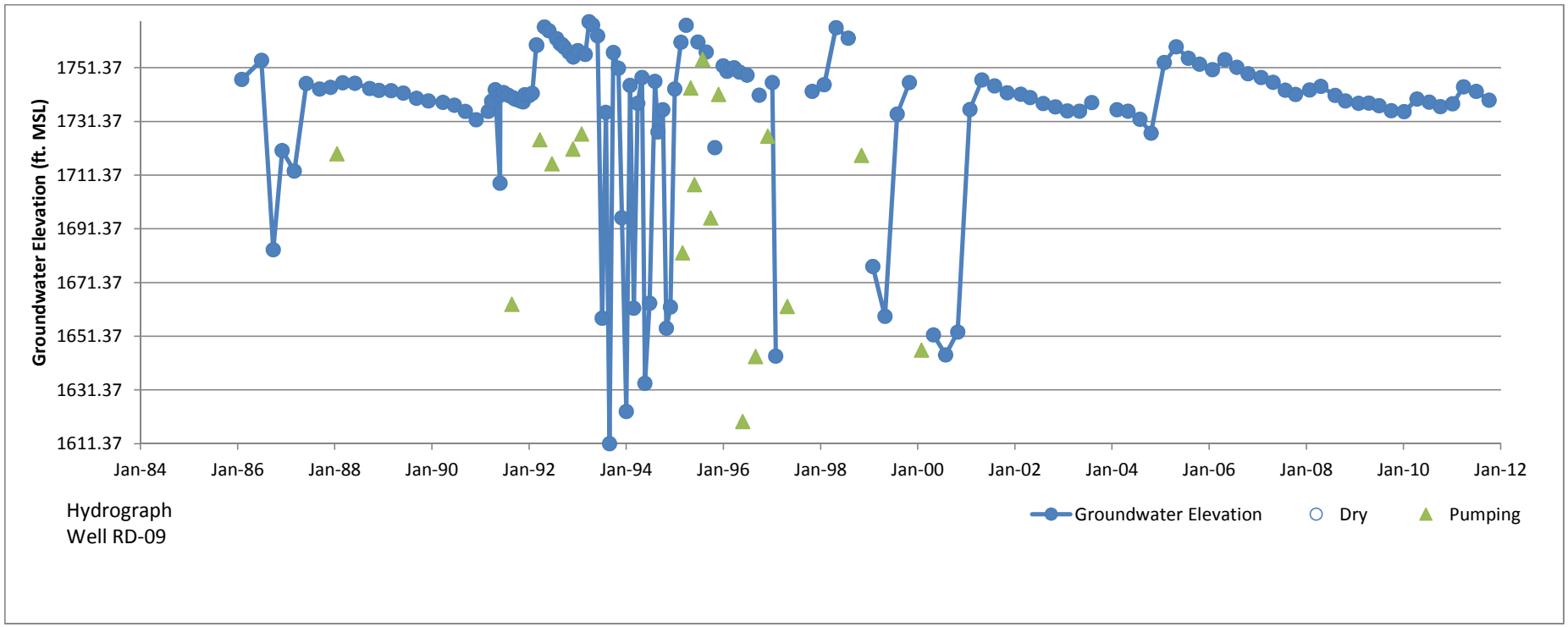

1655.15
1650.15
1645.15
1640.15
1635.15
1630.15
Groundwater Elevation (ft. MSL)
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-05C
Groundwater Elevation
Dry
Pumping

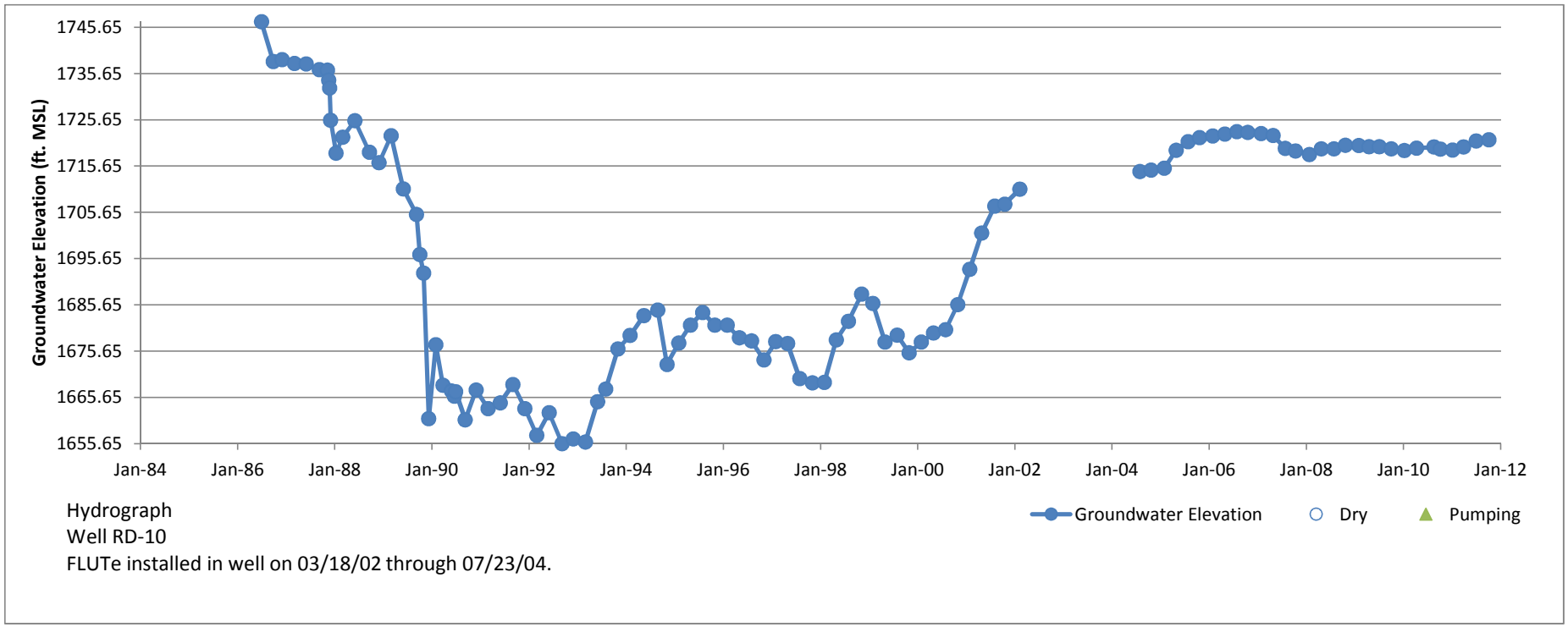

Groundwater Elevation (ft. MSL)
1587.31
1582.31
1577.31
1572.31
1567.31
1562.31
1557.31
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-06
Groundwater Elevation
Dry
Pumping



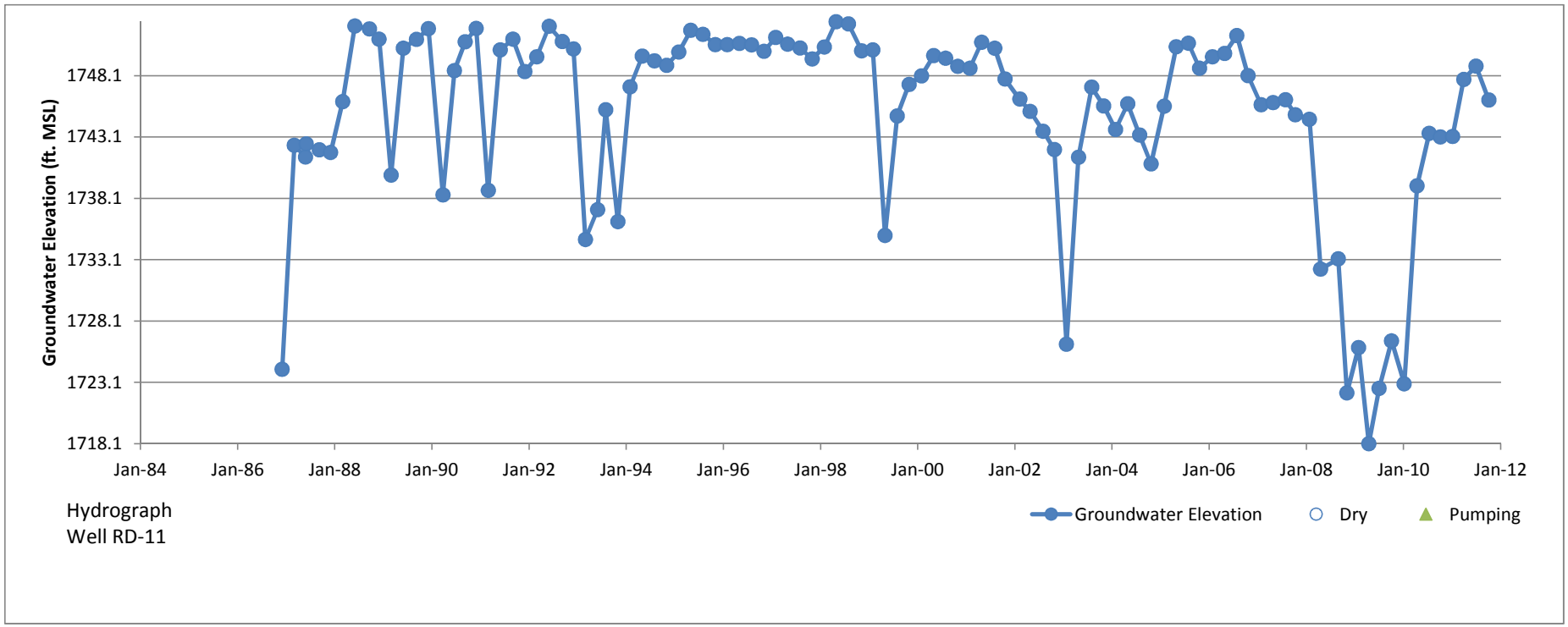
Hydrograph
Well RD-07
FLUTe installed in well on 04/29/02.

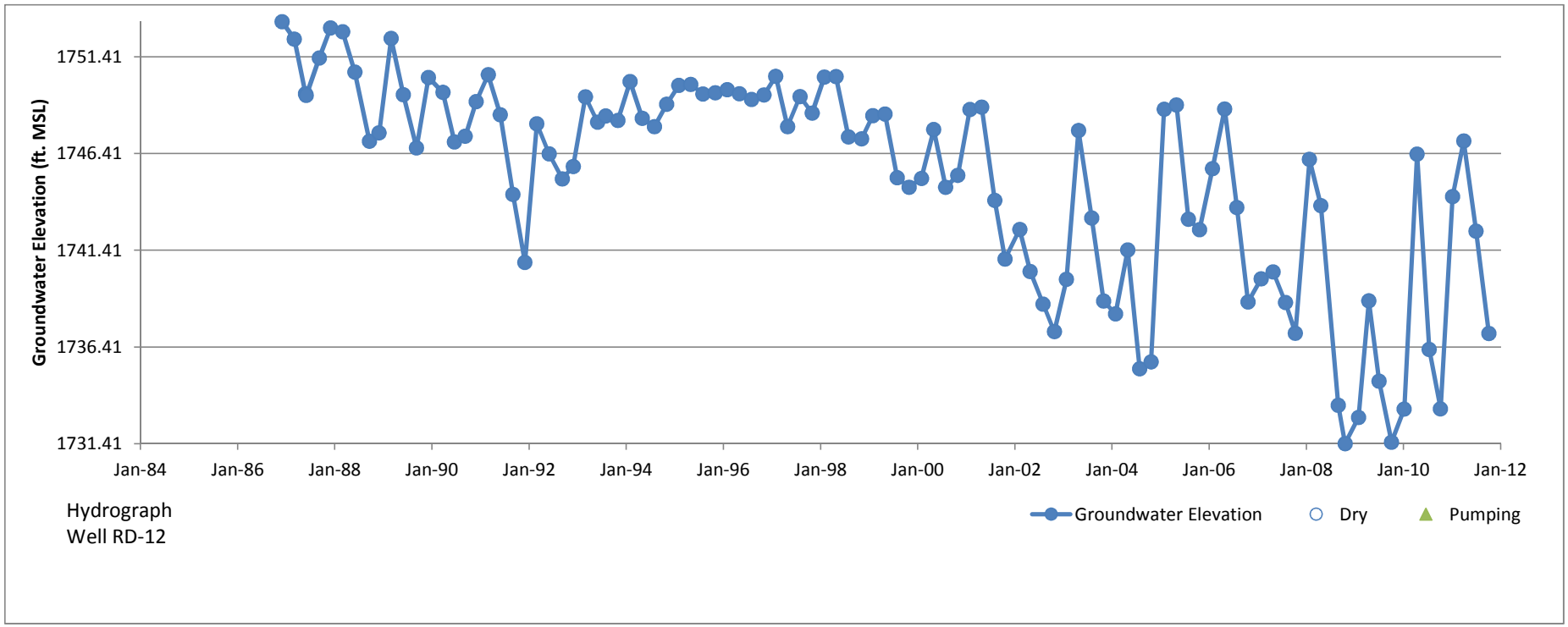

Groundwater Elevation (ft. MSL)
1754.73
1749.73
1744.73
1739.73
1734.73
1729.73
1724.73
1719.73
1714.73
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-08
Groundwater Elevation
Dry
Pumping

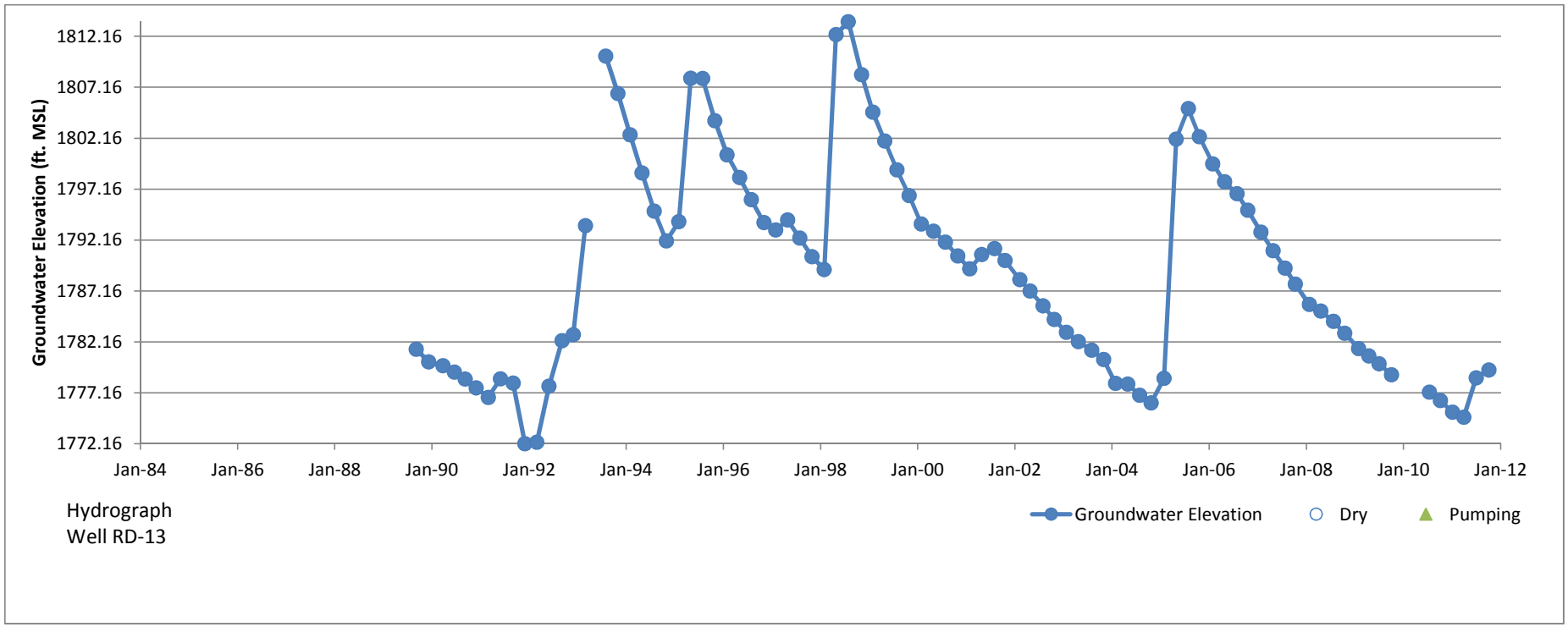

Groundwater Elevation (ft. MSL)
1751.37
1731.37
1711.37
1691.37
1671.37
1651.37
1631.37
1611.37
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-09
Groundwater Elevation
Dry
Pumping

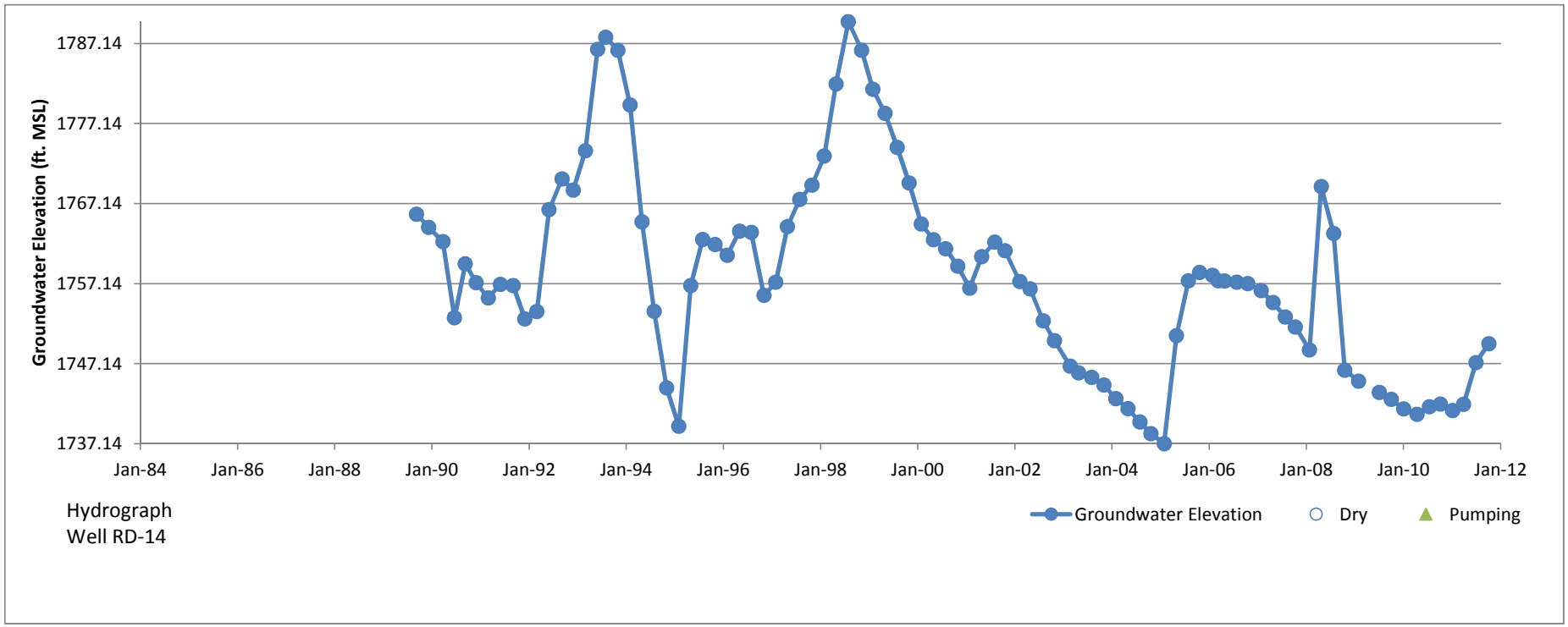


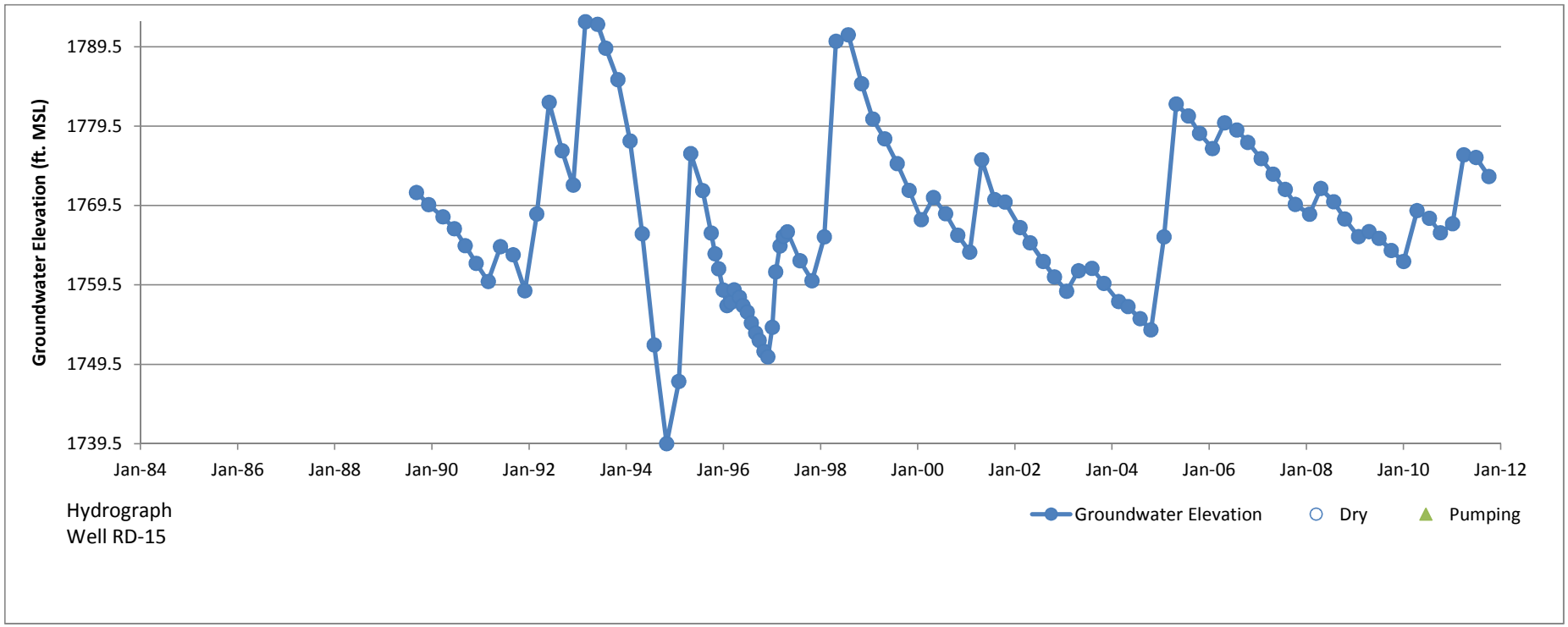
Hydrograph
Well RD-10
FLUTe installed in well on 03/18/02 through 07/23/04.

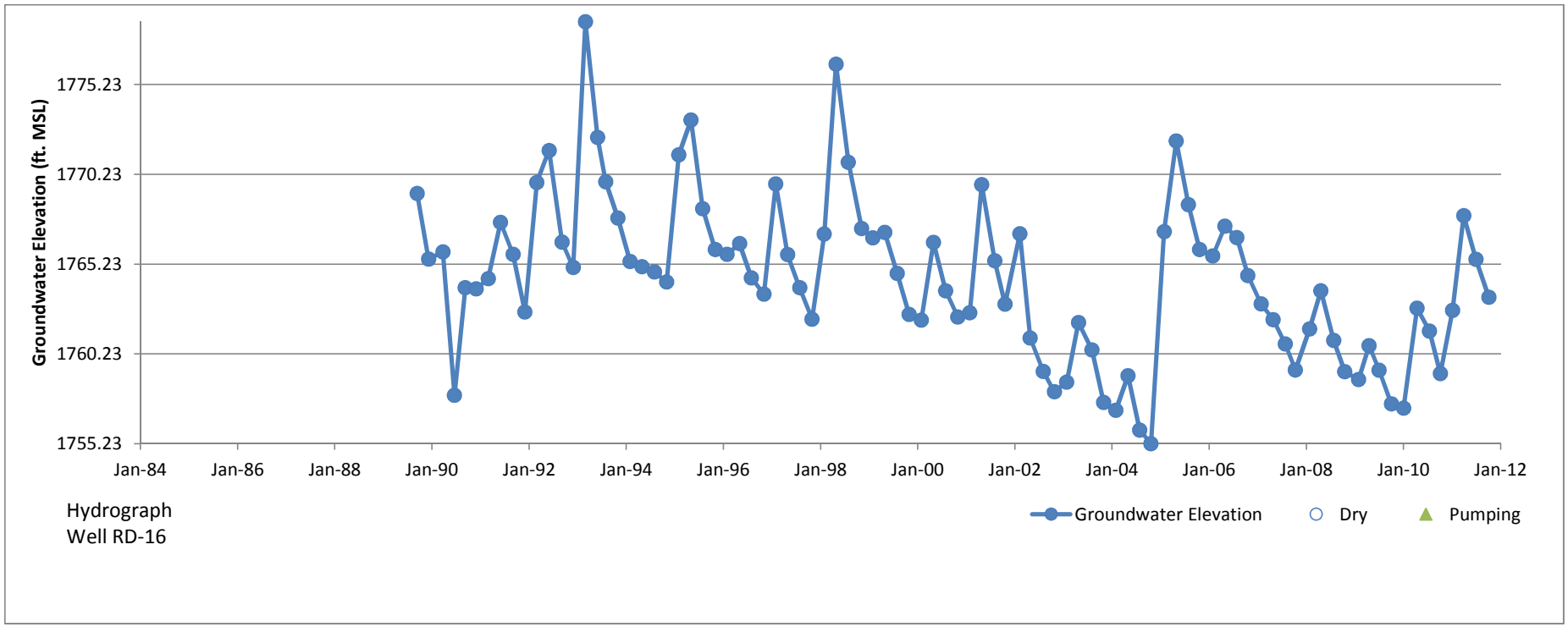

Groundwater Elevation (ft. MSL)
1748.1
1743.1
1738.1
1733.1
1728.1
1723.1
1718.1
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-11
Groundwater Elevation
Dry
Pumping

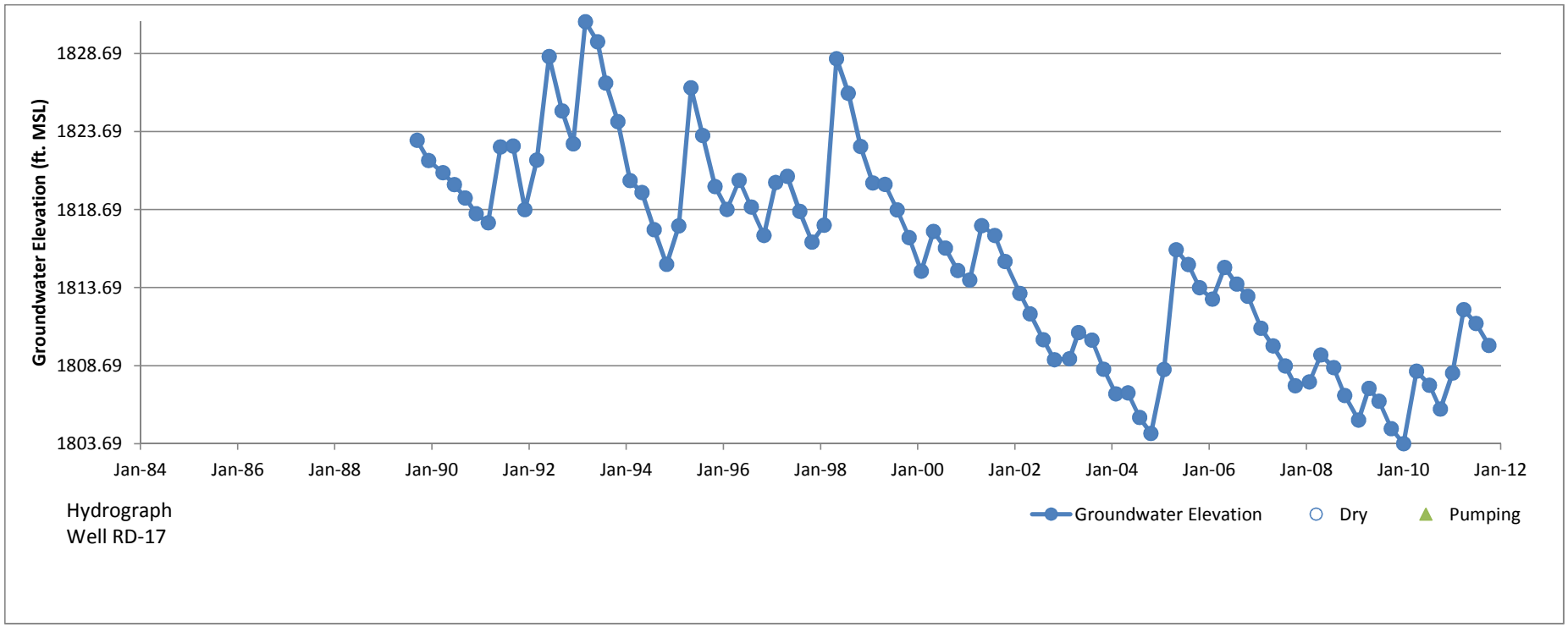

Groundwater Elevation (ft. MSL)
1751.41
1746.41
1741.41
1736.41
1731.41
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-12
Groundwater Elevation
Dry
Pumping

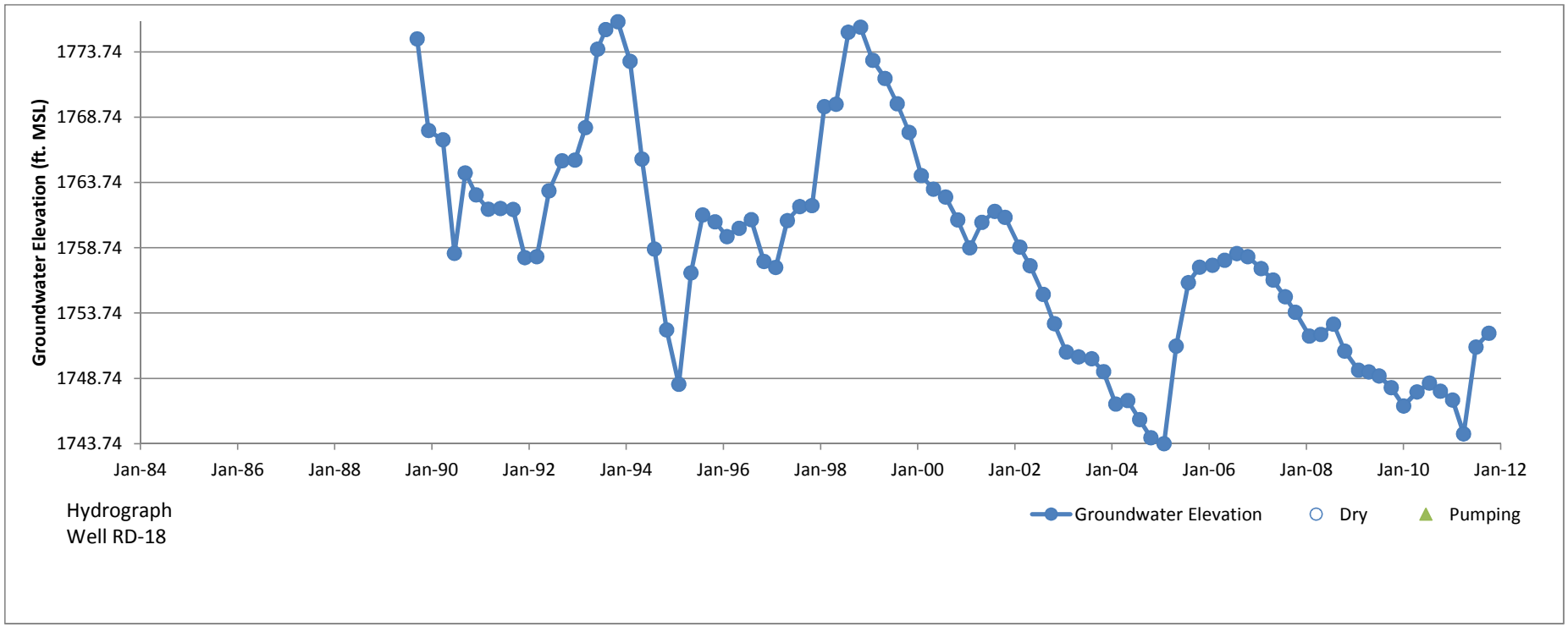

Groundwater Elevation (ft. MSL)
1812.16
1807.16
1802.16
1797.16
1792.16
1787.16
1782.16
1777.16
1772.16
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-13
Groundwater Elevation
Dry
Pumping

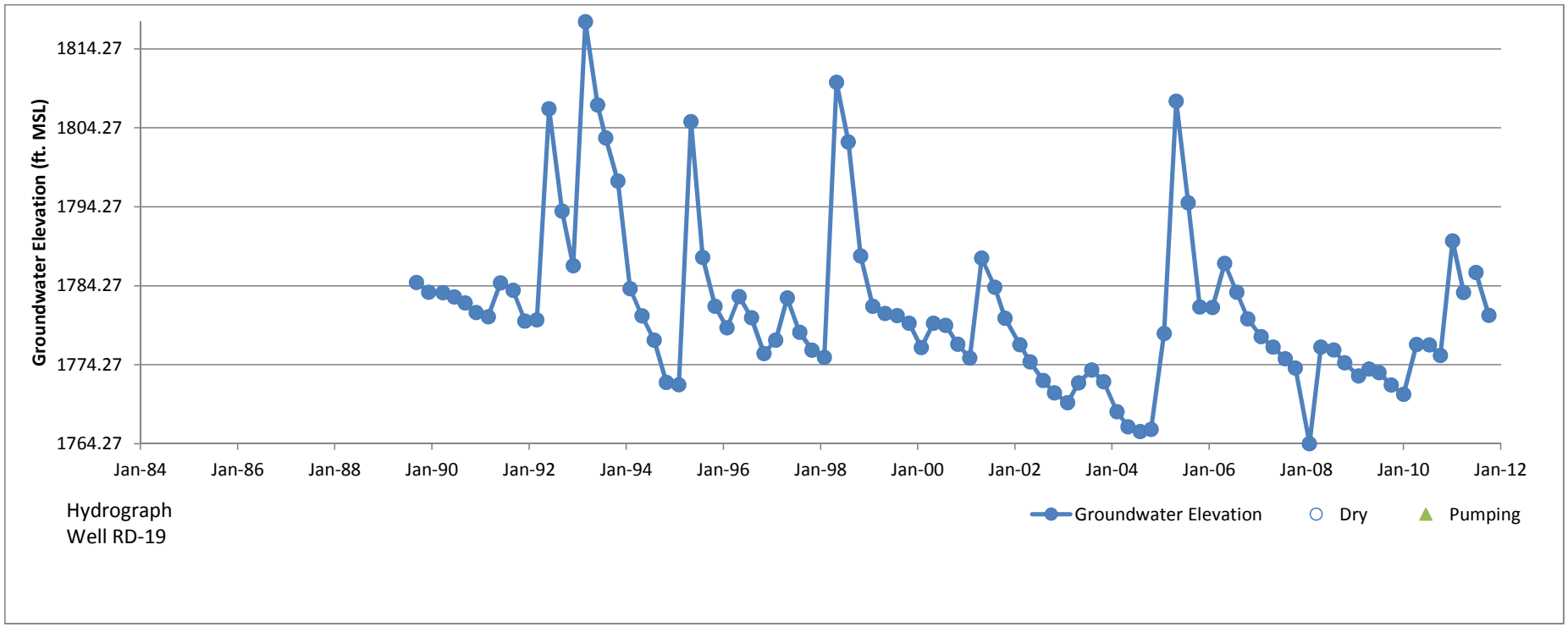

Groundwater Elevation (ft. MSL)
1787.14
1777.14
1767.14
1757.14
1747.14
1737.14
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-14
Groundwater Elevation
Dry
Pumping

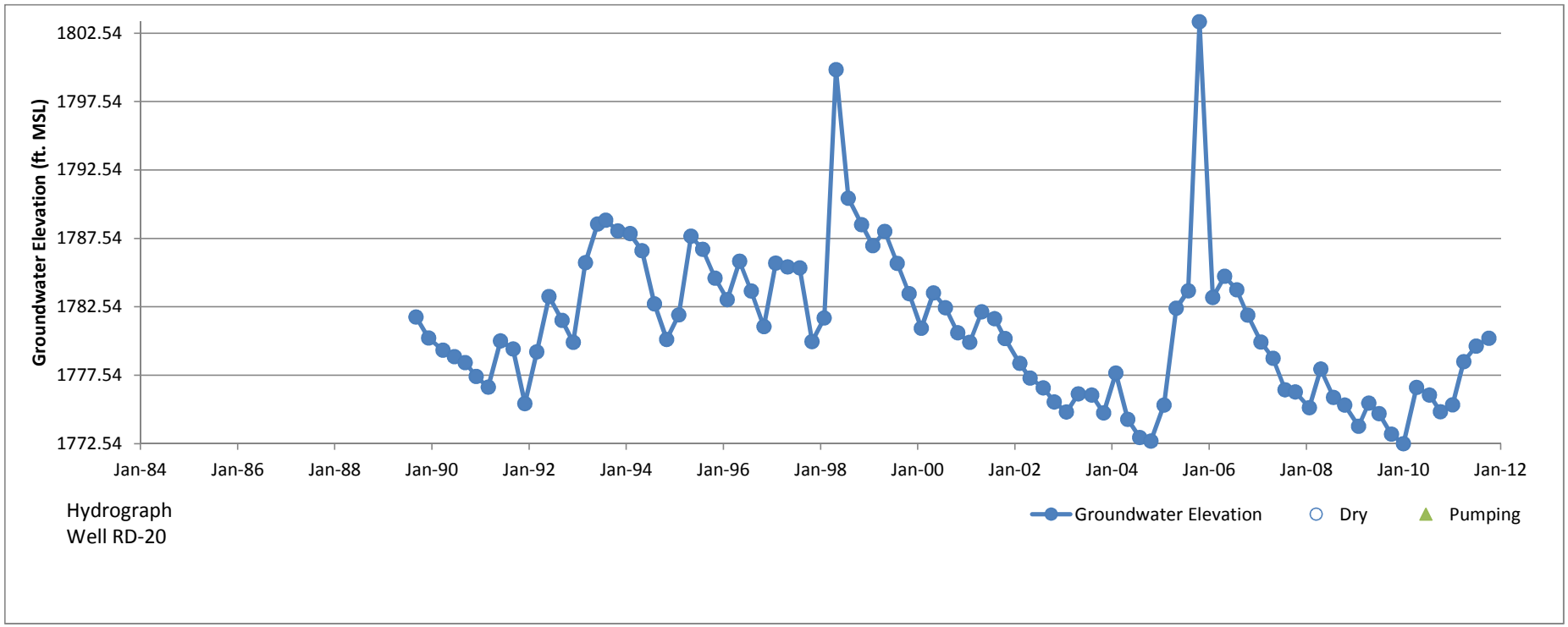

Groundwater Elevation (ft. MSL)
1789.5
1779.5
1769.5
1759.5
1749.5
1739.5
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-15
Groundwater Elevation
Dry
Pumping

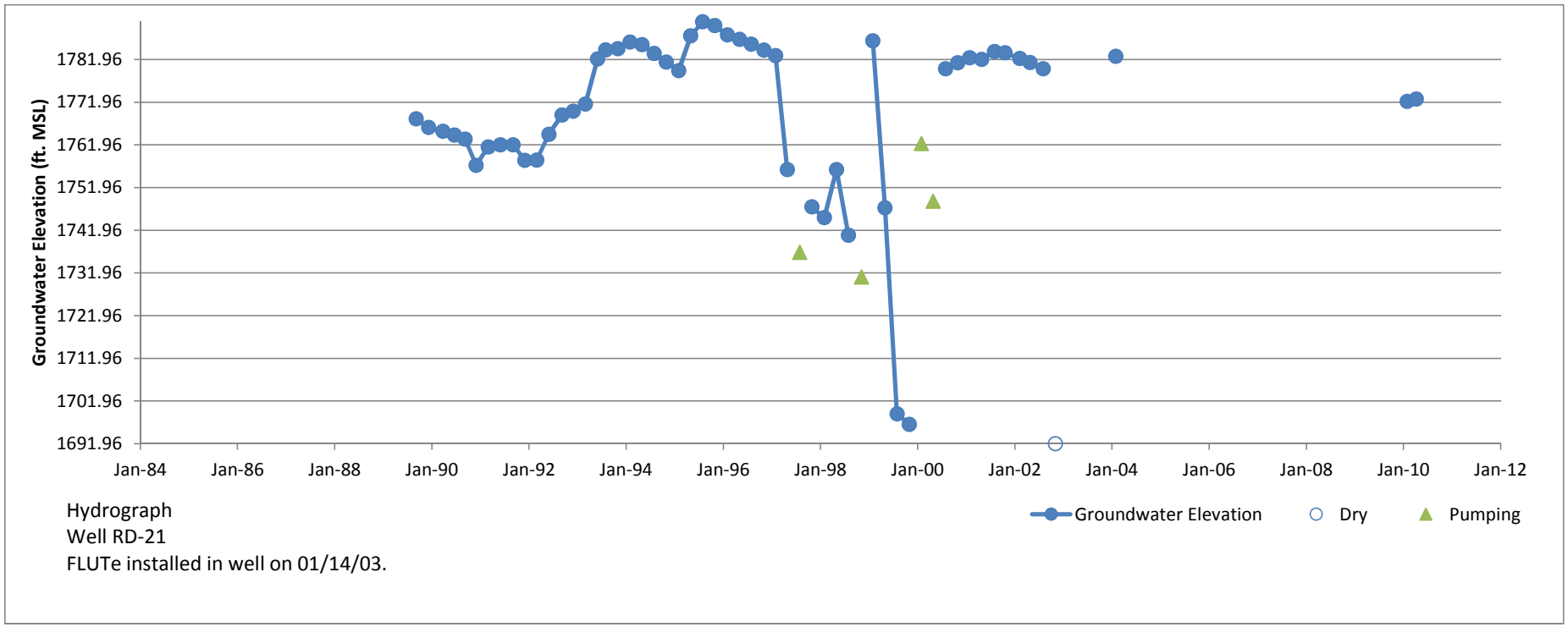

Groundwater Elevation (ft. MSL)
1775.23
1770.23
1765.23
1760.23
1755.23
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-16
Groundwater Elevation
Dry
Pumping


Groundwater Elevation (ft. MSL)
1828.69
1823.69
1818.69
1813.69
1808.69
1803.69
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-17
Groundwater Elevation
Dry
Pumping

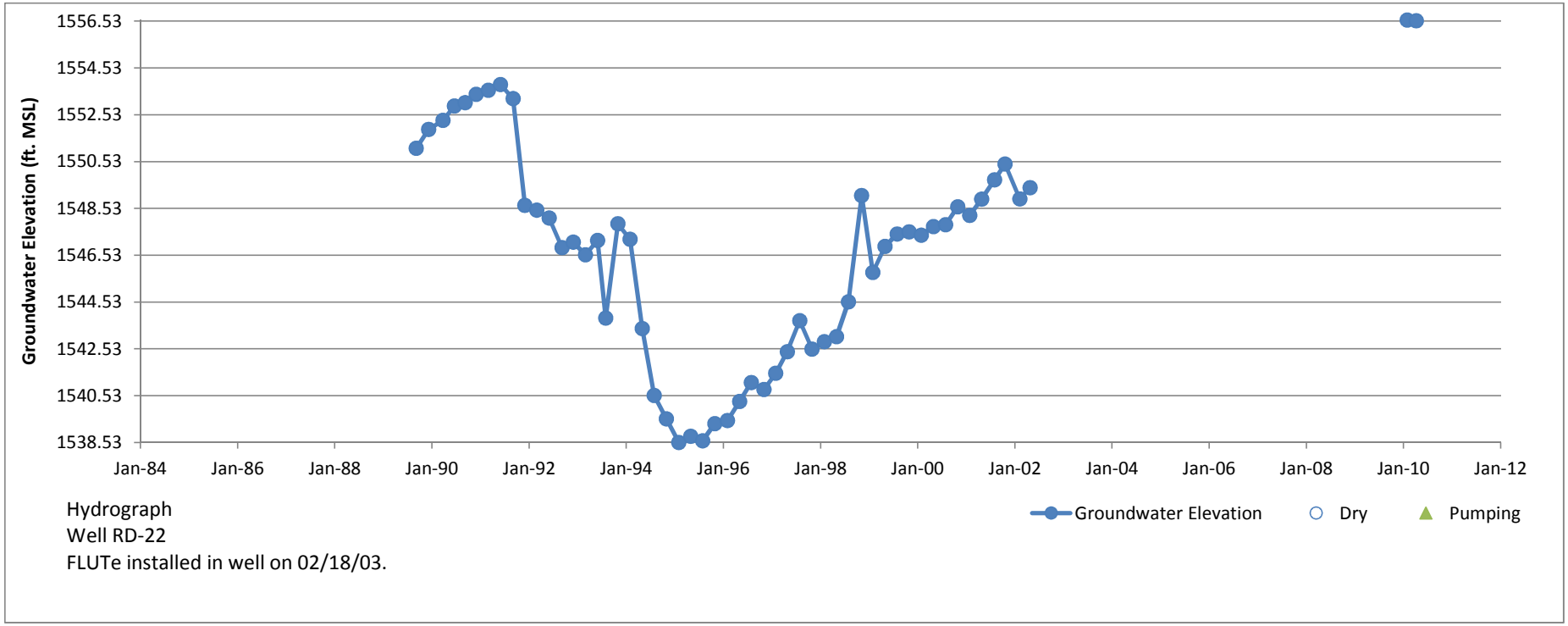

Groundwater Elevation (ft. MSL)
1773.74
1768.74
1763.74
1758.74
1753.74
1748.74
1743.74
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-18
Groundwater Elevation
Dry
Pumping


Groundwater Elevation (ft. MSL)
1814.27
1804.27
1794.27
1784.27
1774.27
1764.27
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-19
Groundwater Elevation
Dry
Pumping

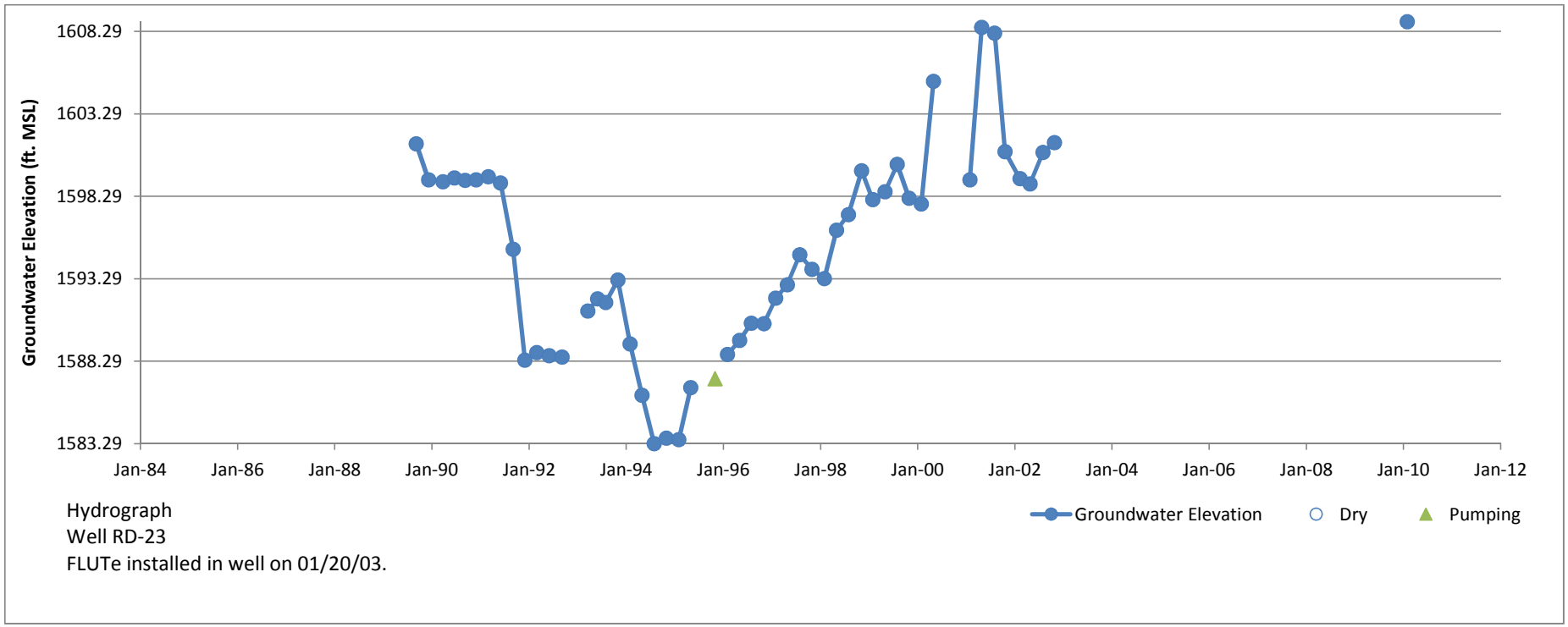

Groundwater Elevation (ft. MSL)
1802.54
1797.54
1792.54
1787.54
1782.54
1777.54
1772.54
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-20
Groundwater Elevation
Dry
Pumping



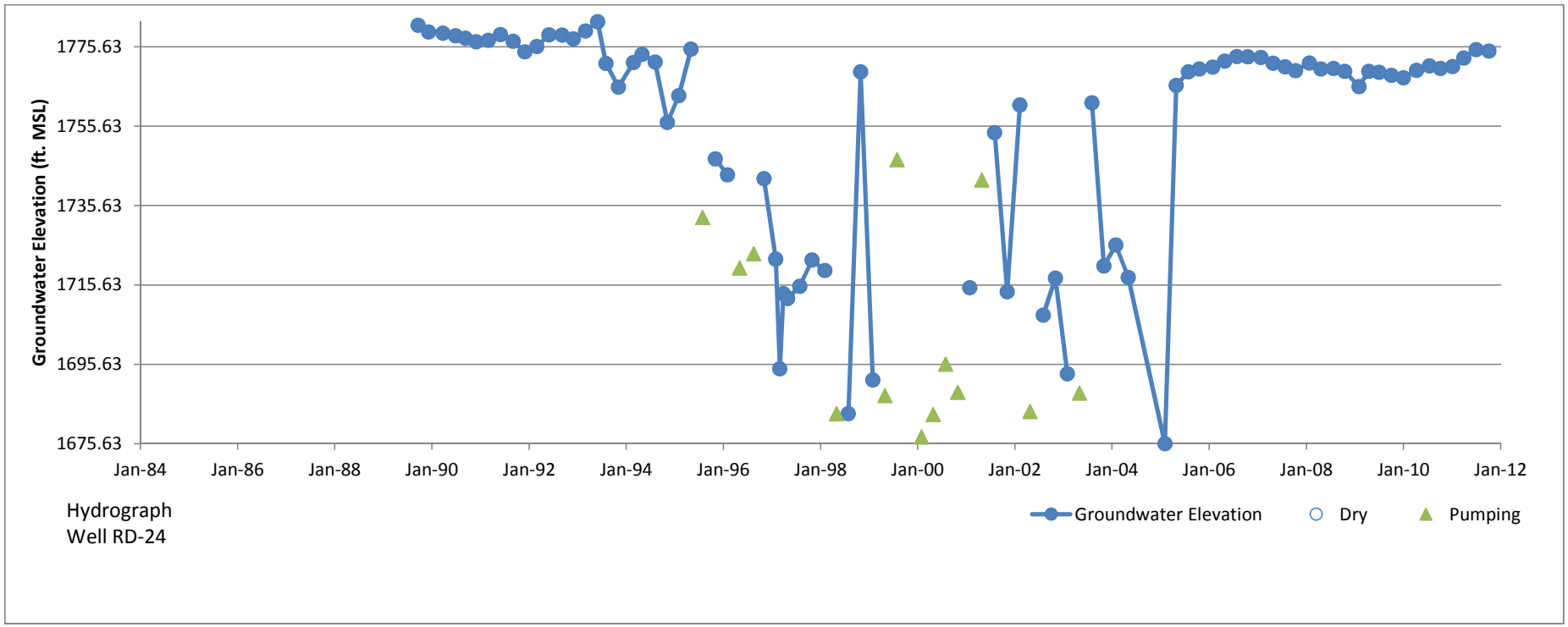
Hydrograph
Well RD-21
FLUTe installed in well on 01/14/03.

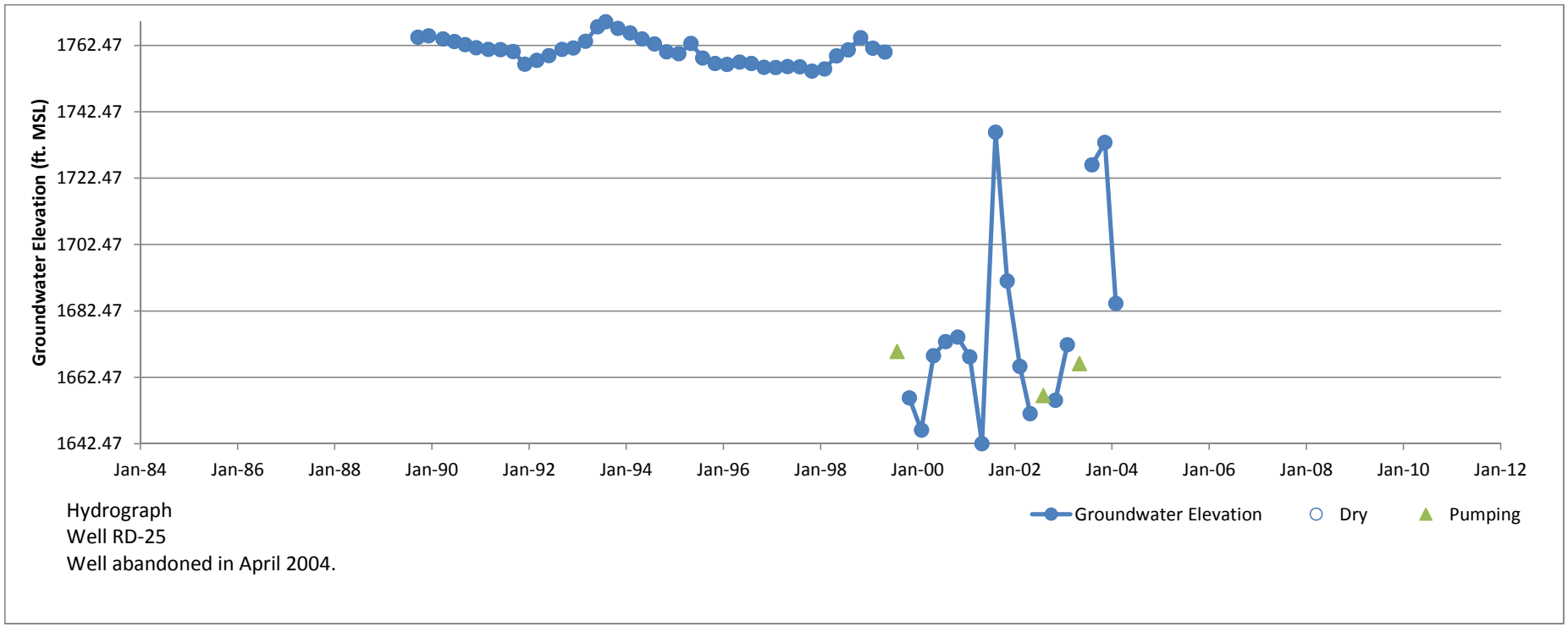


Hydrograph
Well RD-22
FLUTe installed in well on 02/18/03.

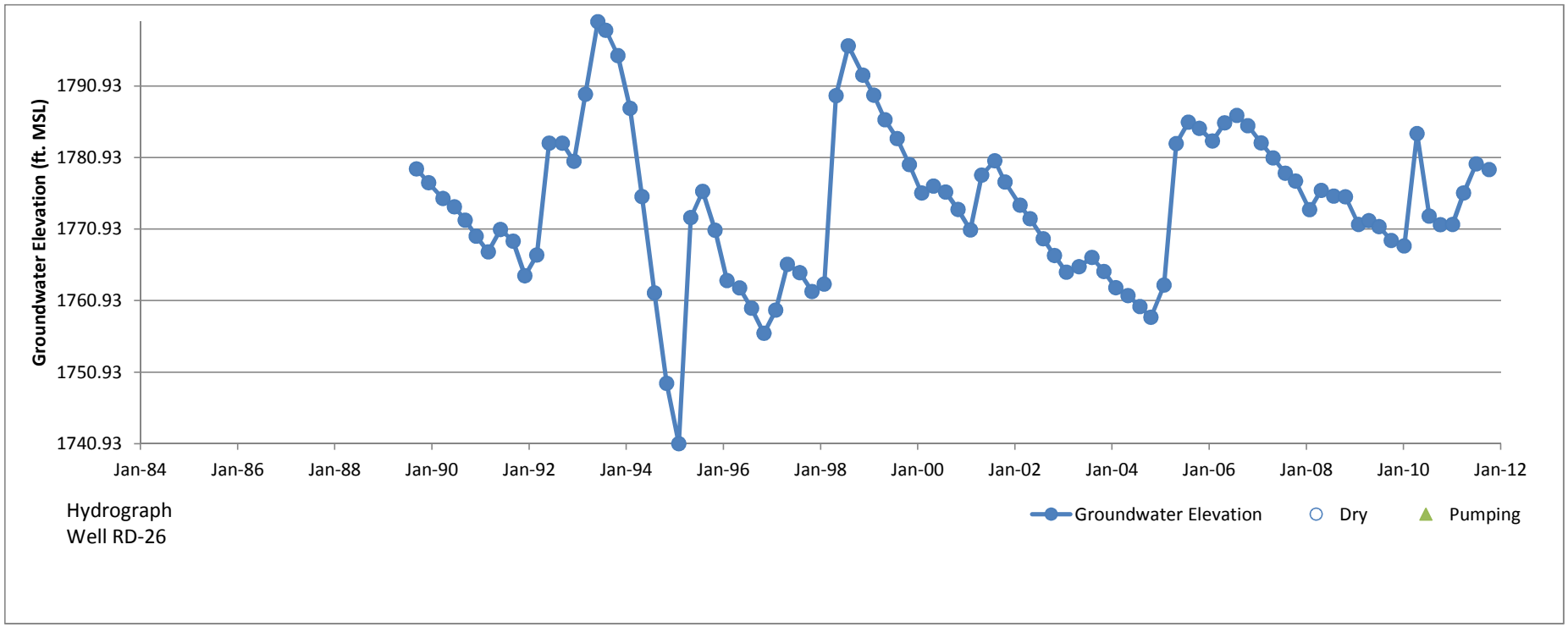


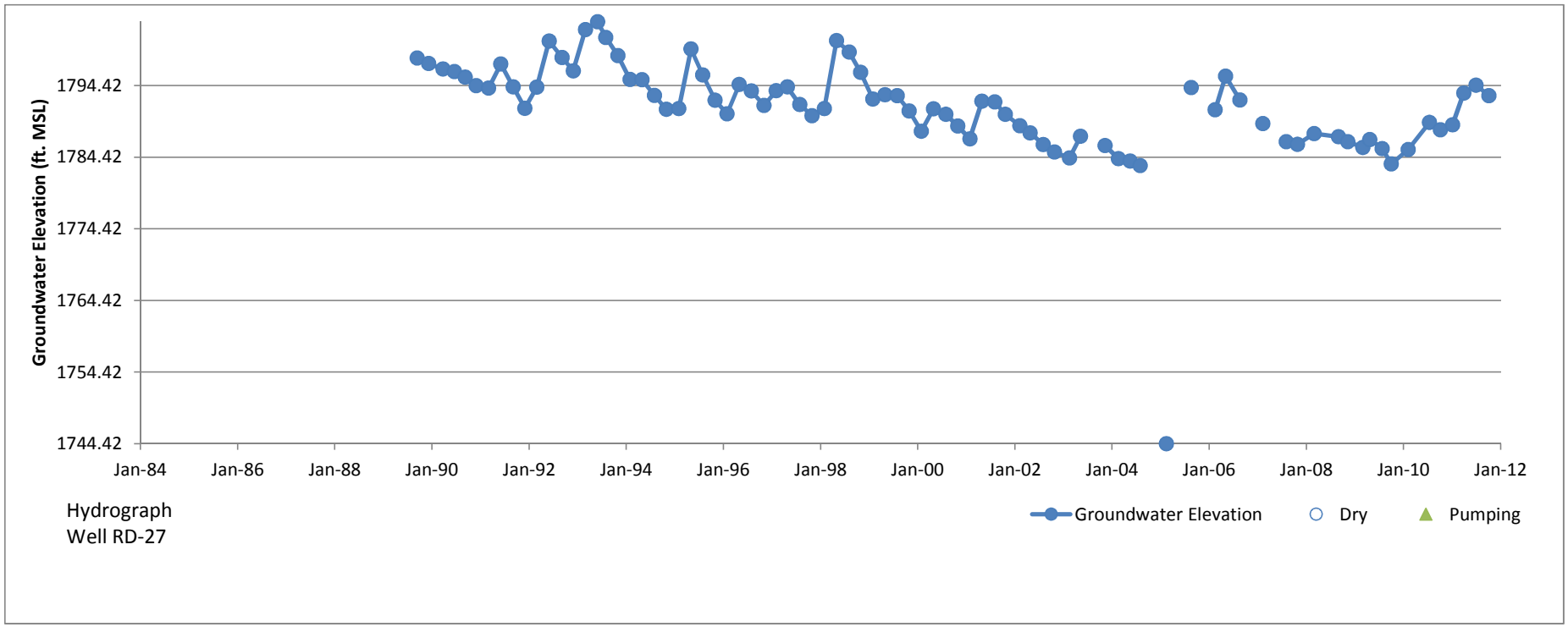
Hydrograph
Well RD-23
FLUTe installed in well on 01/20/03.

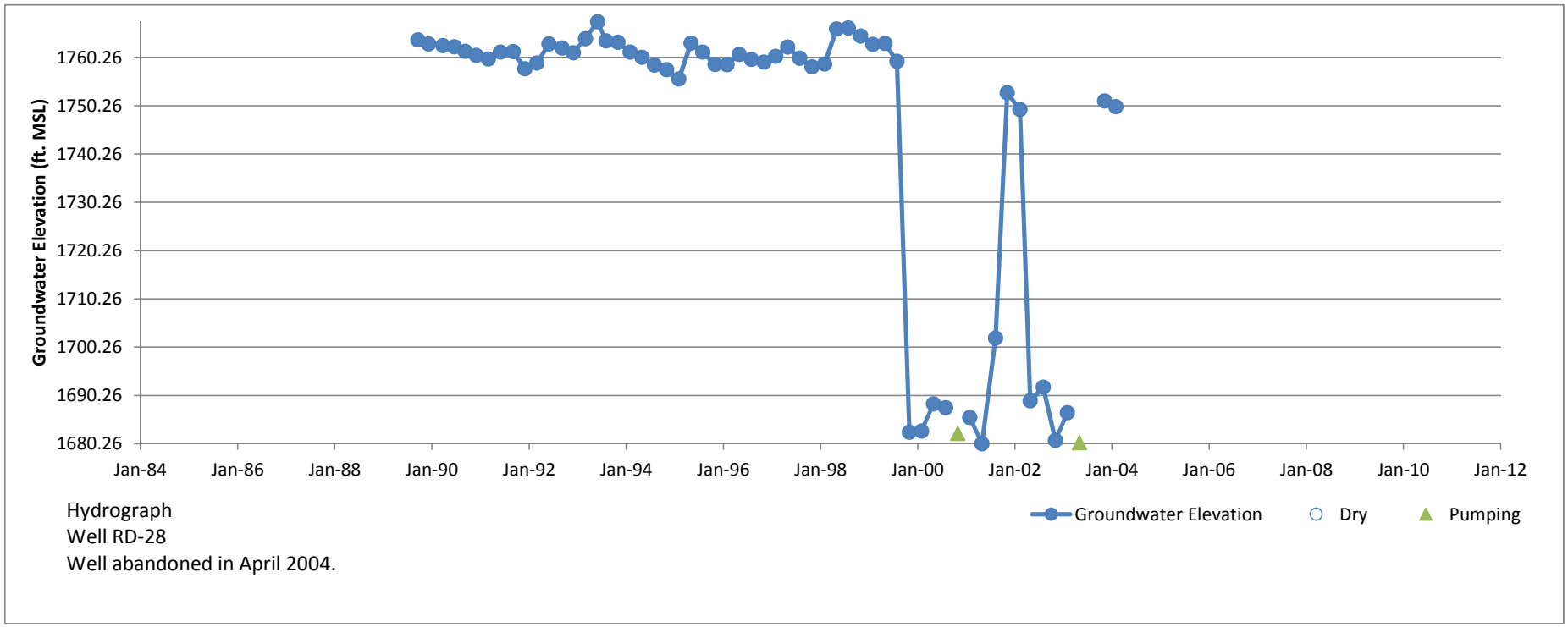

Groundwater Elevation (ft. MSL)
1775.63
1755.63
1735.63
1715.63
1695.63
1675.63
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-24
Groundwater Elevation
Dry
Pumping



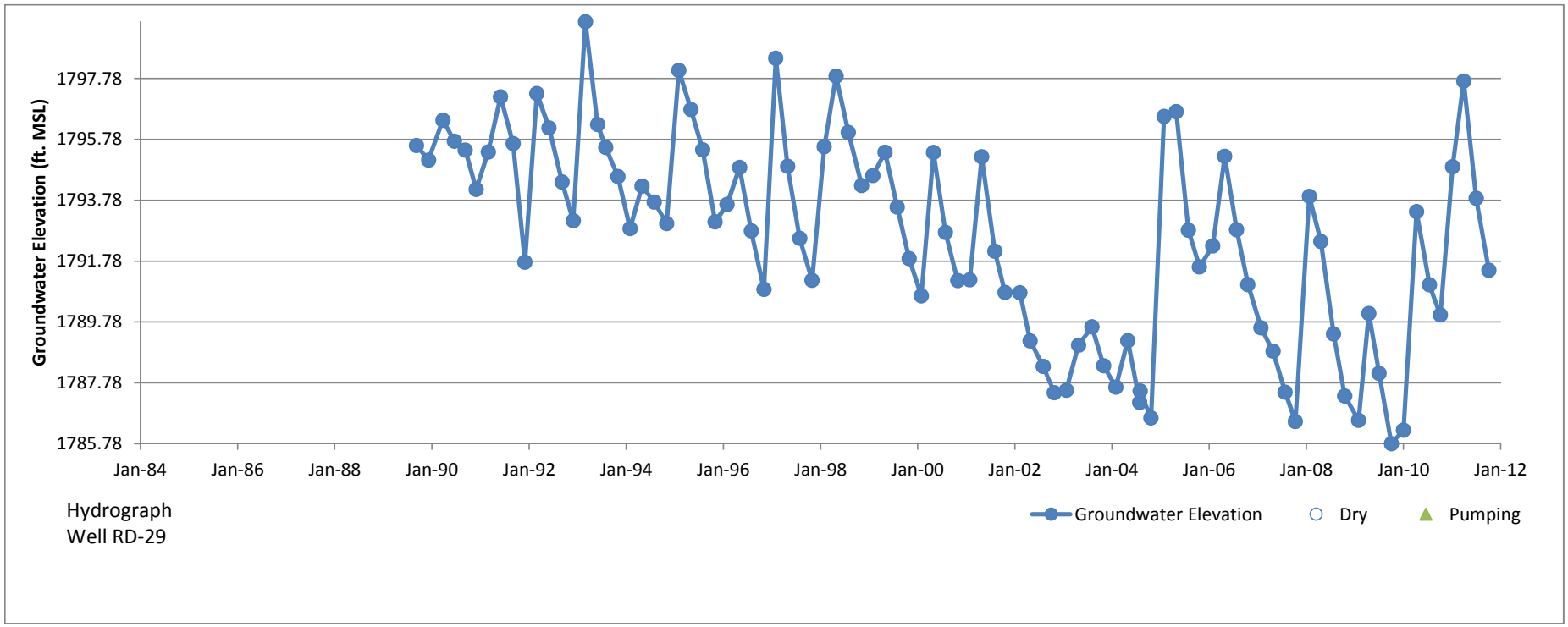
Hydrograph
Well RD-25
Well abandoned in April 2004.

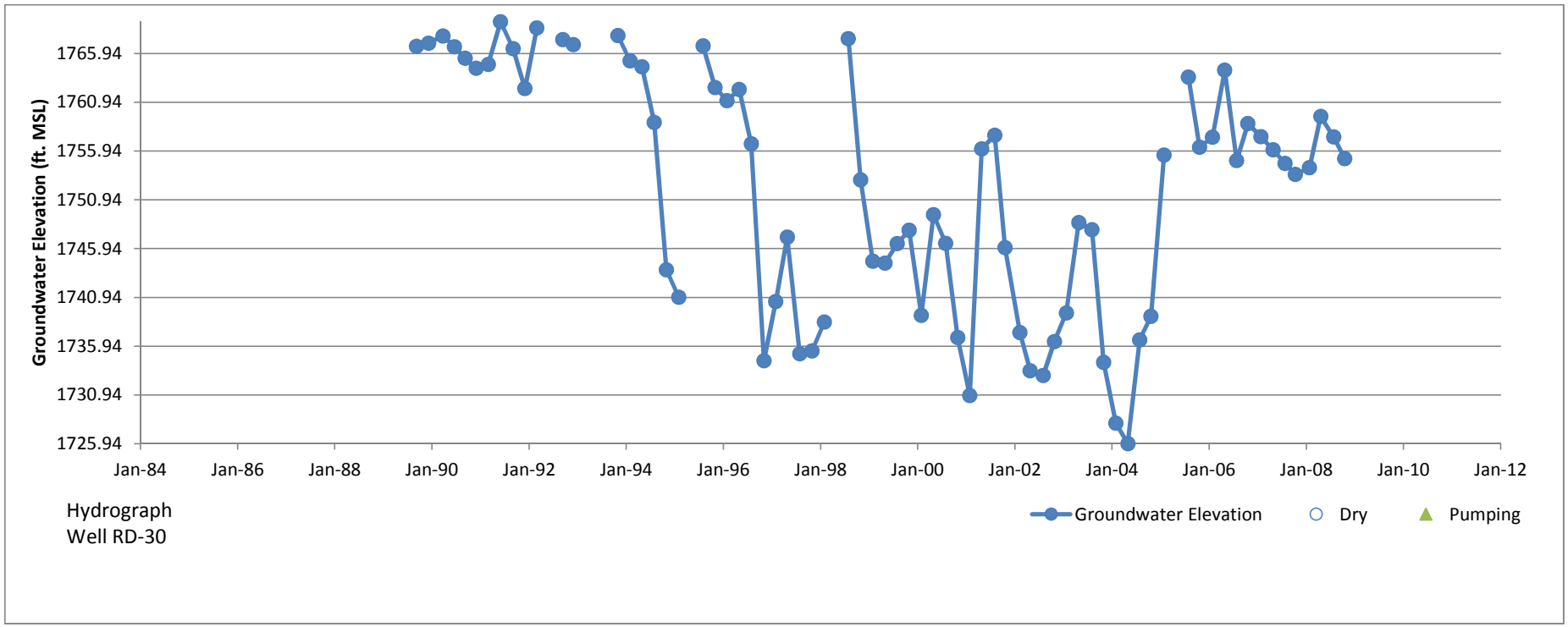

Groundwater Elevation (ft. MSL)
1790.93
1780.93
1770.93
1760.93
1750.93
1740.93
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-26
Groundwater Elevation
Dry
Pumping

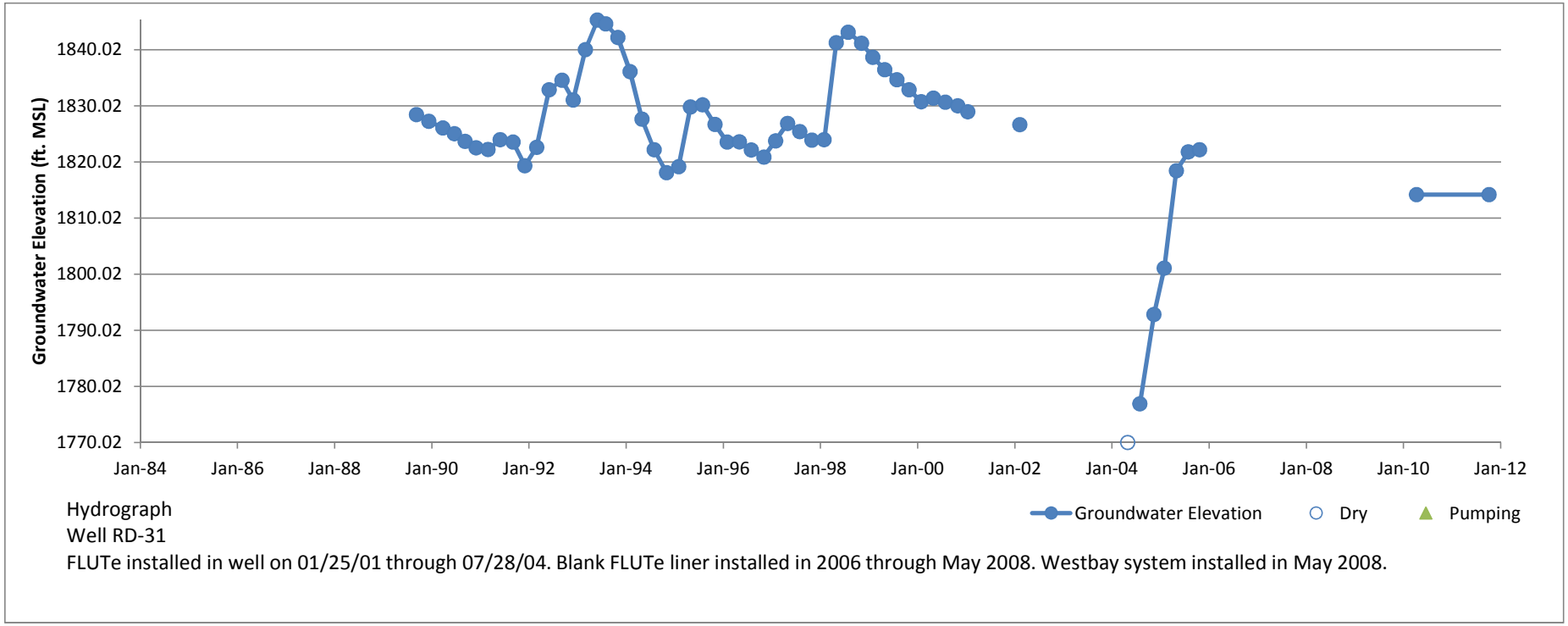

Groundwater Elevation (ft. MSL)
1794.42
1784.42
1774.42
1764.42
1754.42
1744.42
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-27
Groundwater Elevation
Dry
Pumping



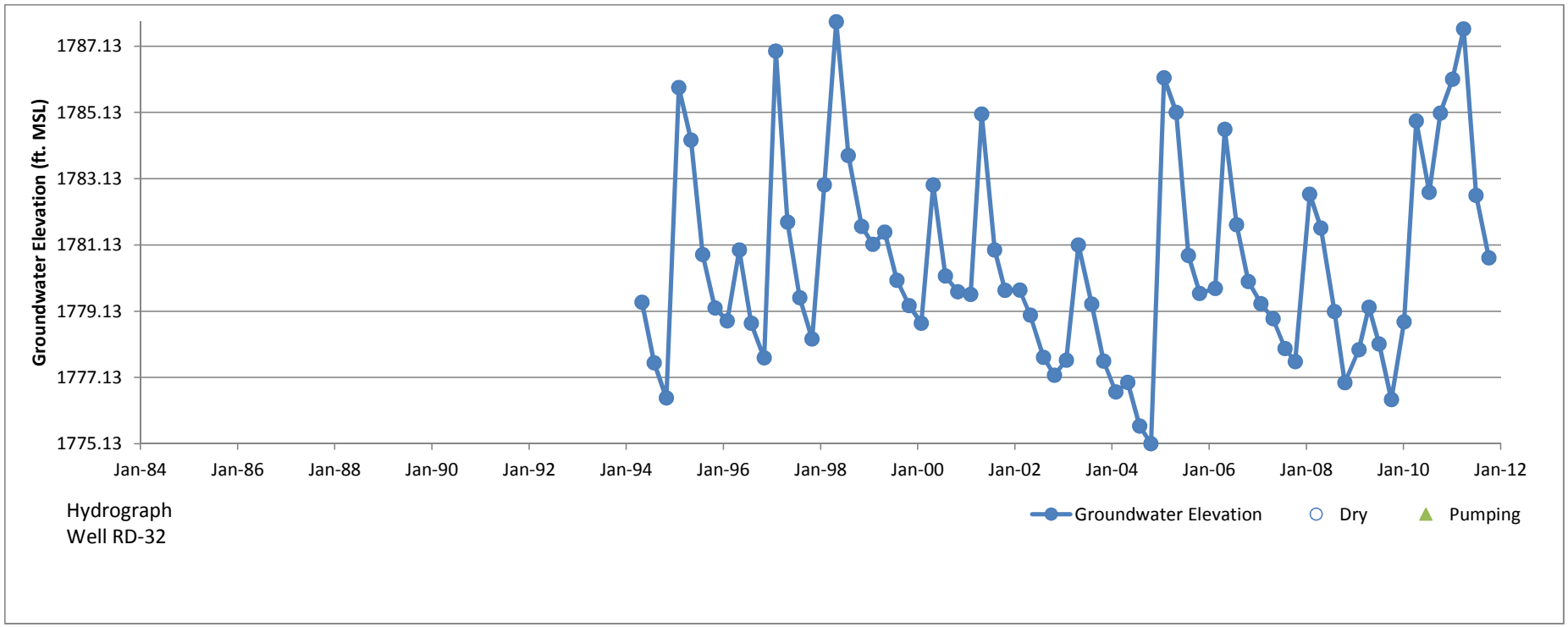
Hydrograph
Well RD-28
Well abandoned in April 2004.

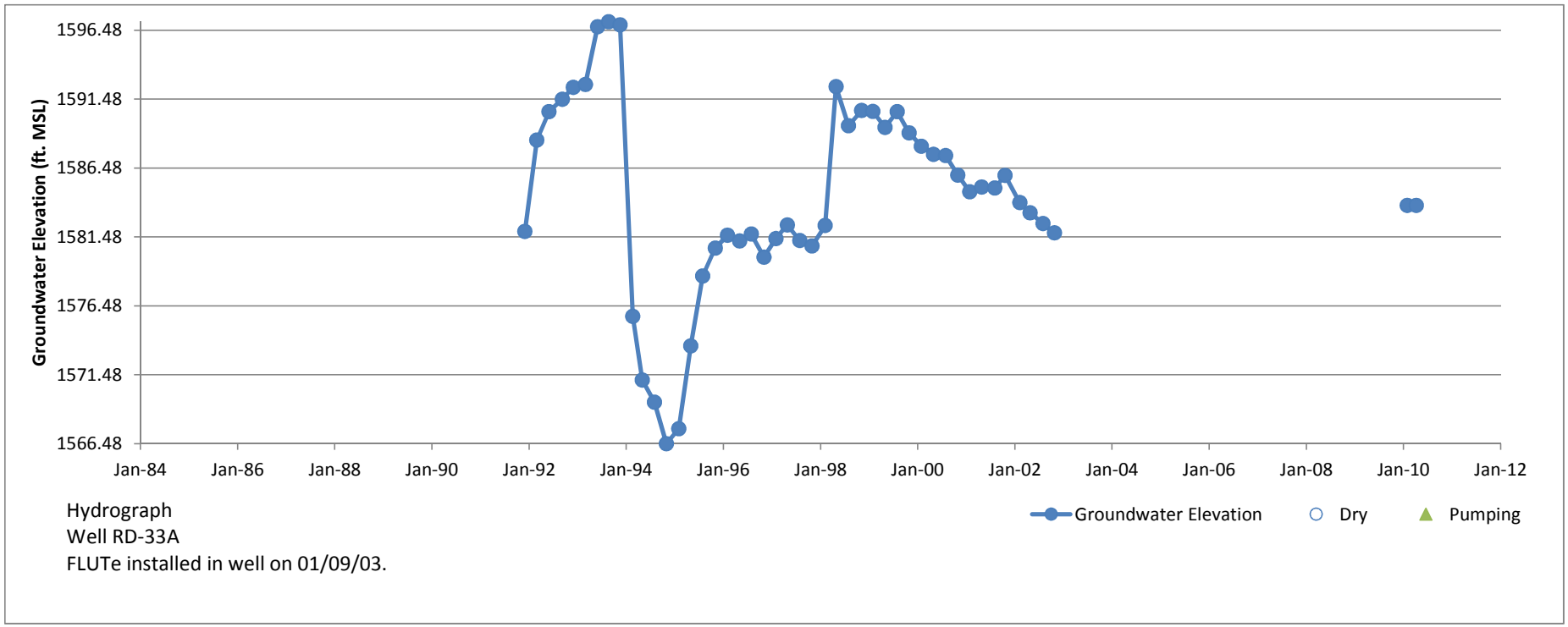

Groundwater Elevation (ft. MSL)
1797.78
1795.78
1793.78
1791.78
1789.78
1787.78
1785.78
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-29
Groundwater Elevation
Dry
Pumping


Groundwater Elevation (ft. MSL)
1765.94
1760.94
1755.94
1750.94
1745.94
1740.94
1735.94
1730.94
1725.94
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-30
Groundwater Elevation
Dry
Pumping

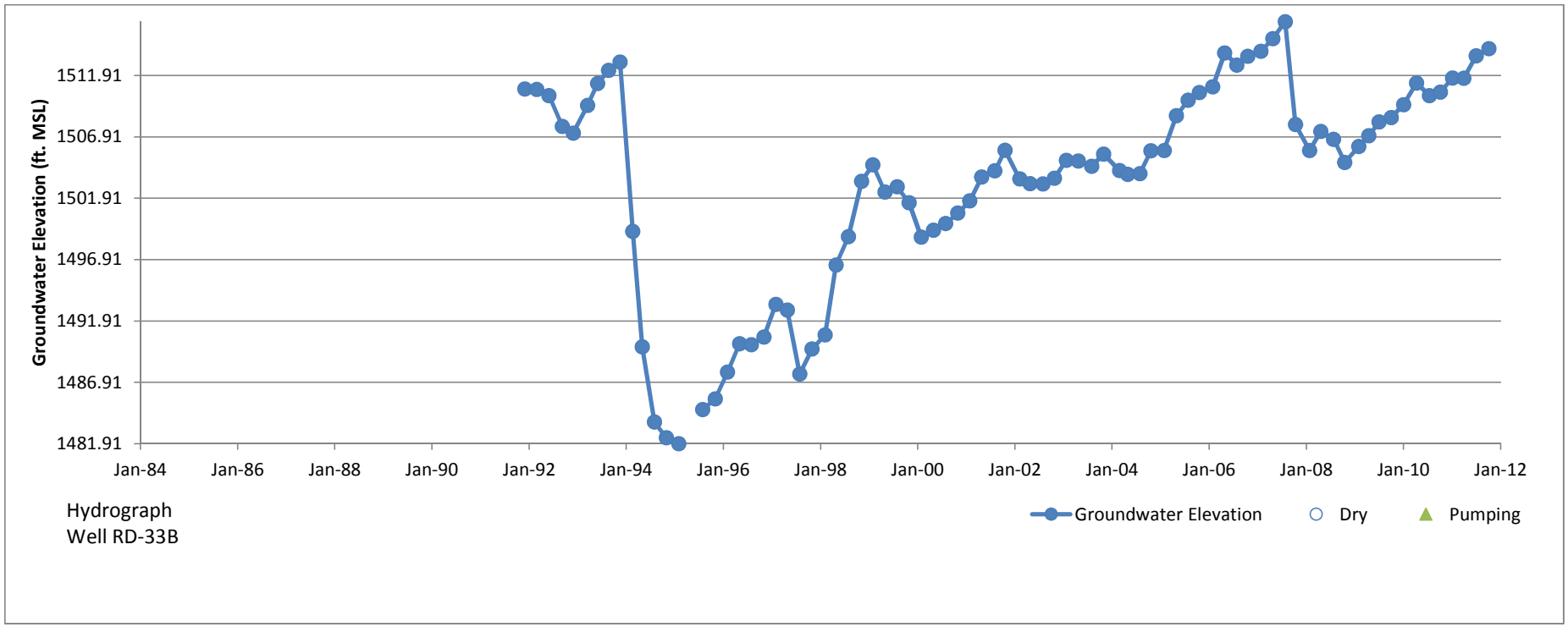


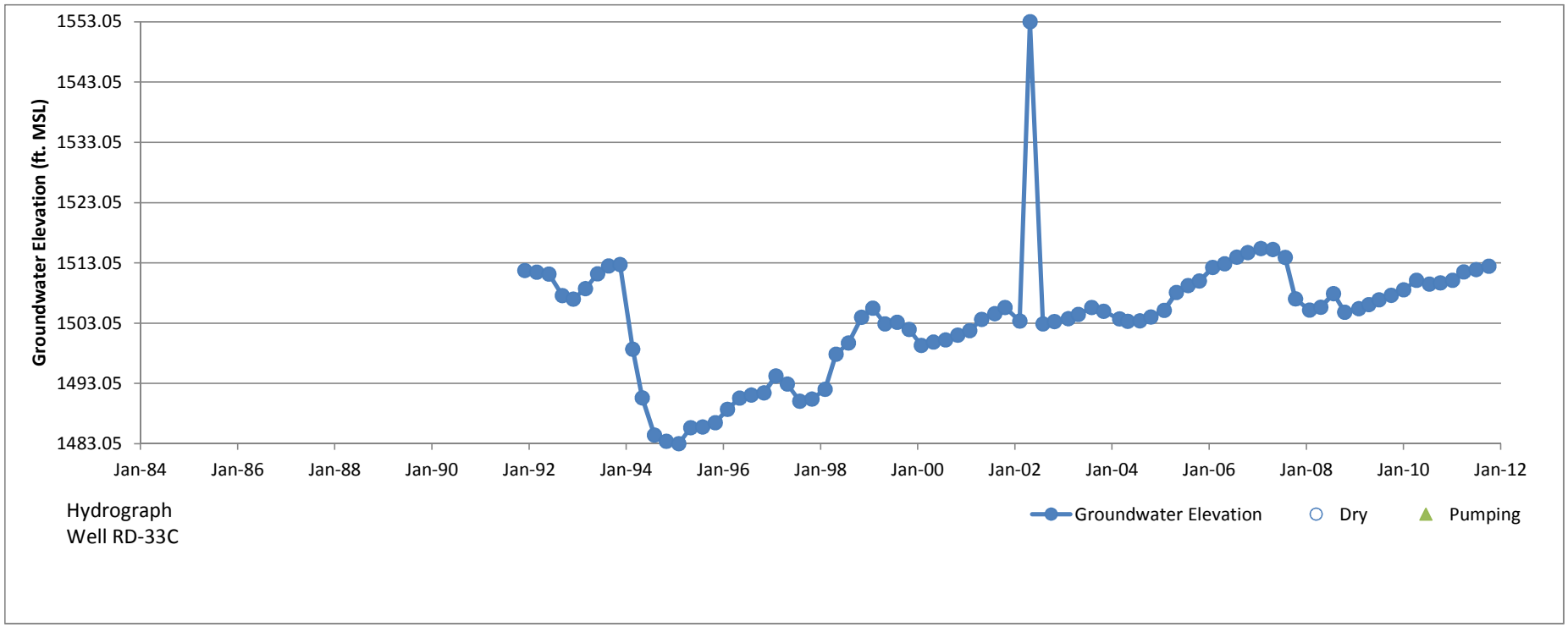
Hydrograph
Well RD-31
FLUTe installed in well on 01/25/01 through 07/28/04. Blank FLUTe liner installed in 2006 through May 2008. Westbay system installed in May 2008.

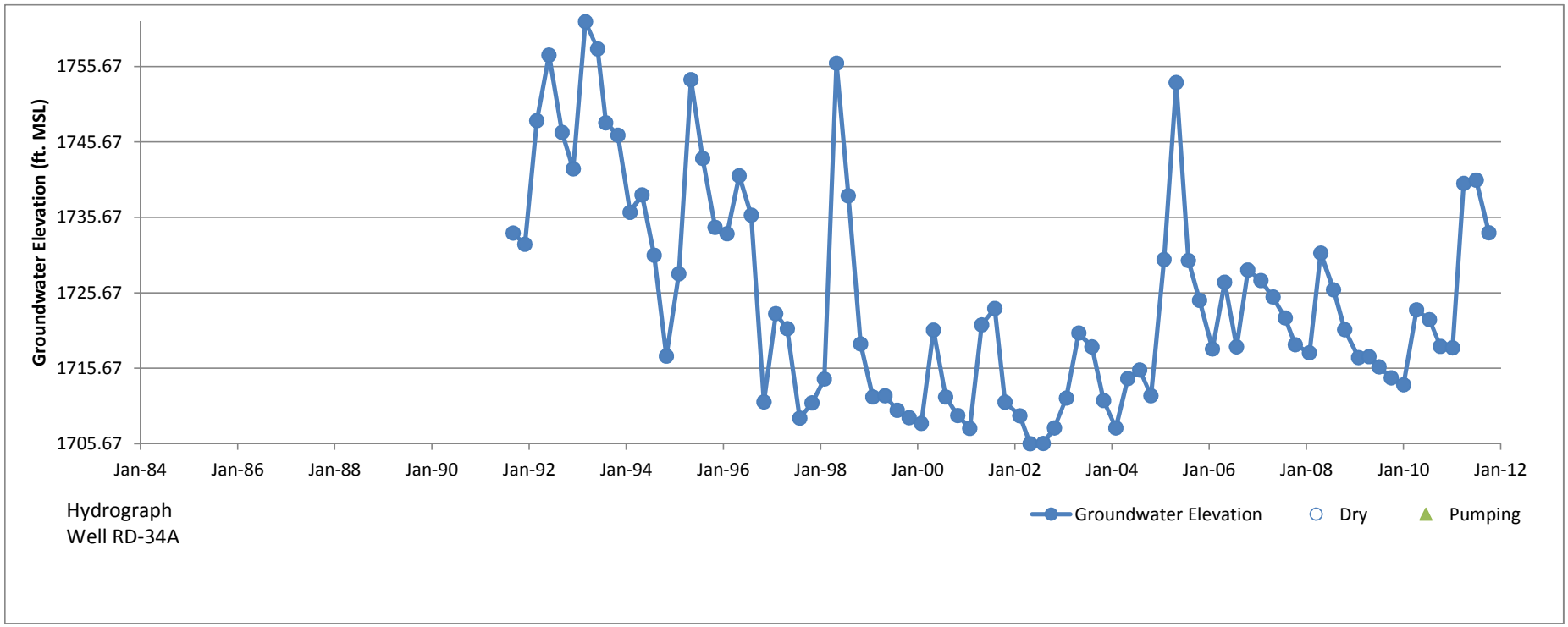

Groundwater Elevation (ft. MSL)
1787.13
1785.13
1783.13
1781.13
1779.13
1777.13
1775.13
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-32
Groundwater Elevation
Dry
Pumping

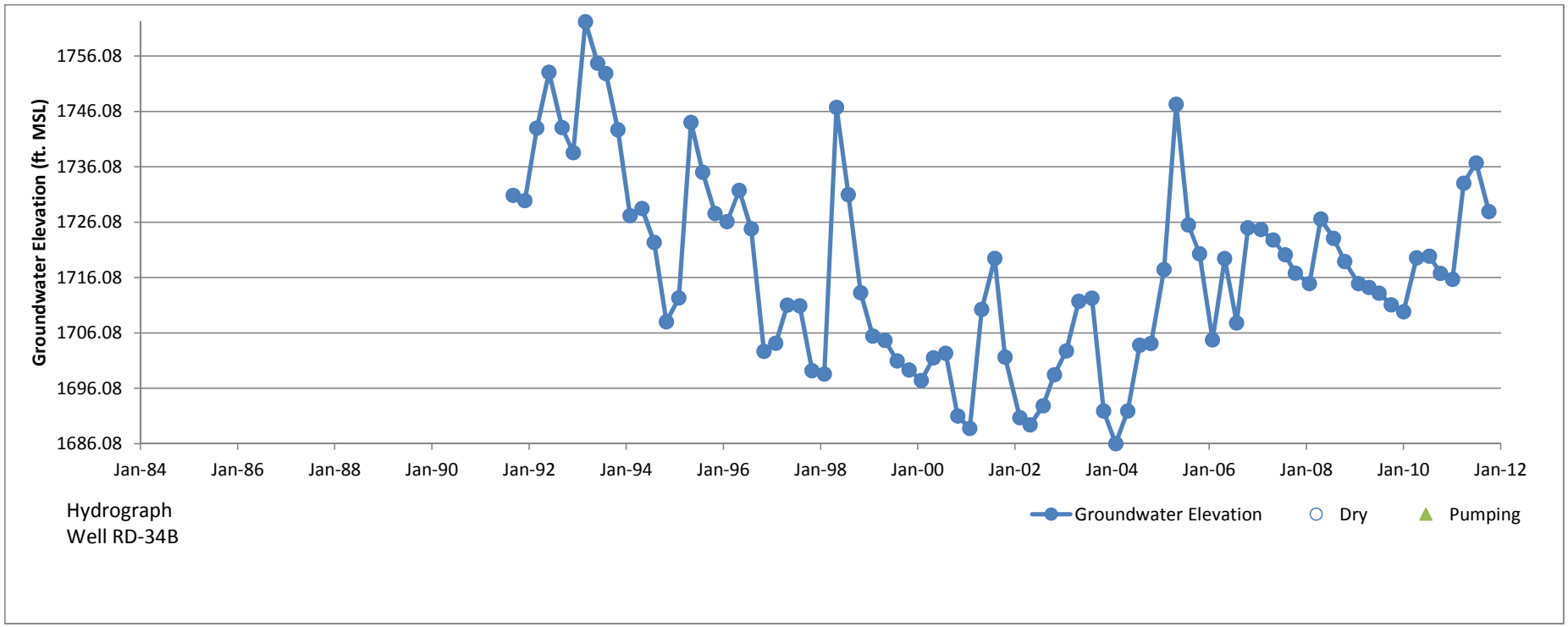


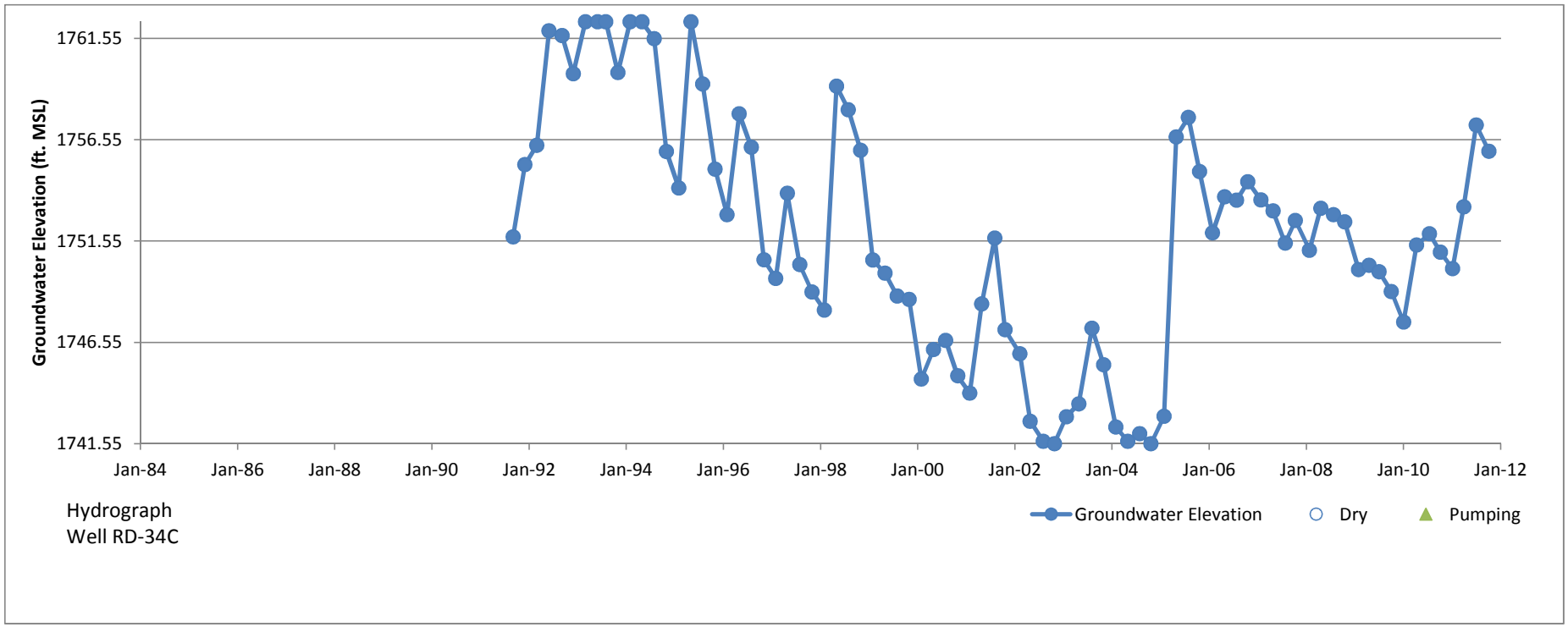
Hydrograph
Well RD-33A
FLUTe installed in well on 01/09/03.

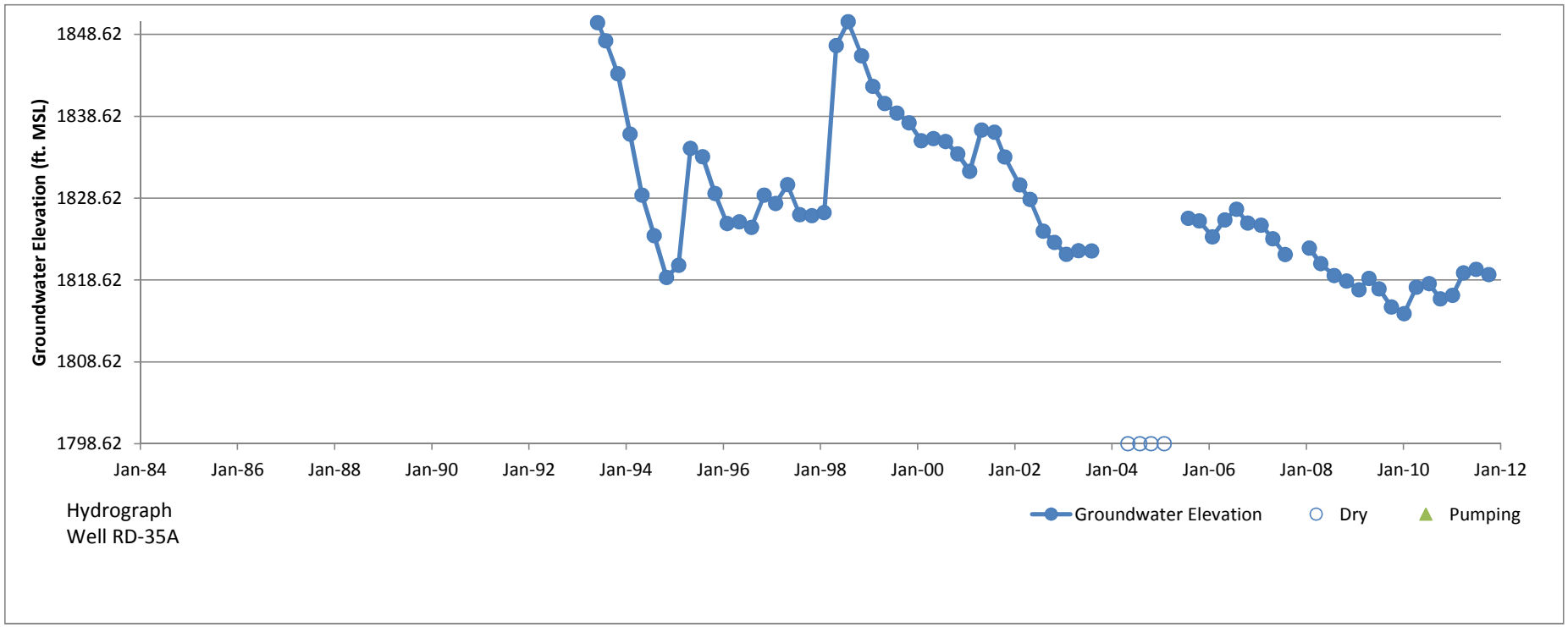

Groundwater Elevation (ft. MSL)
1511.91
1506.91
1501.91
1496.91
1491.91
1486.91
1481.91
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-33B
Groundwater Elevation
Dry
Pumping

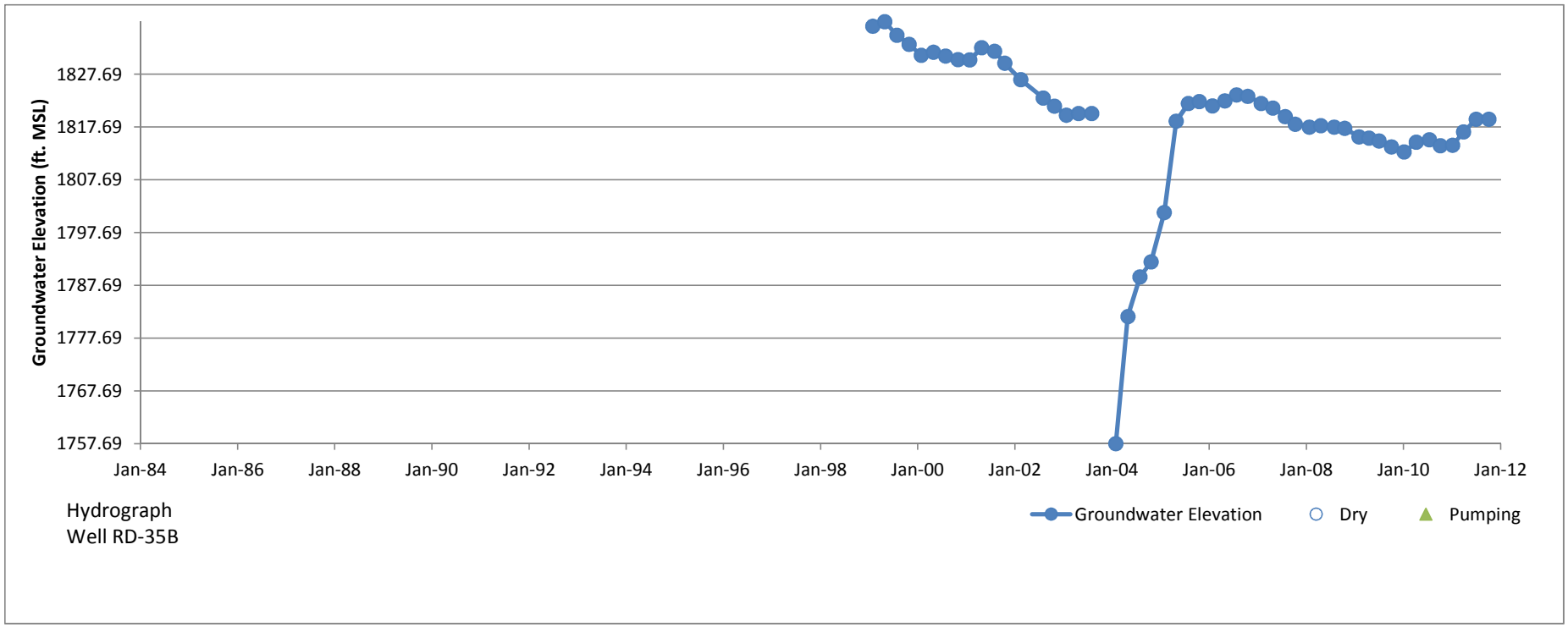

Groundwater Elevation (ft. MSL)
1553.05
1543.05
1533.05
1523.05
1513.05
1503.05
1493.05
1483.05
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-33C
Groundwater Elevation
Dry
Pumping

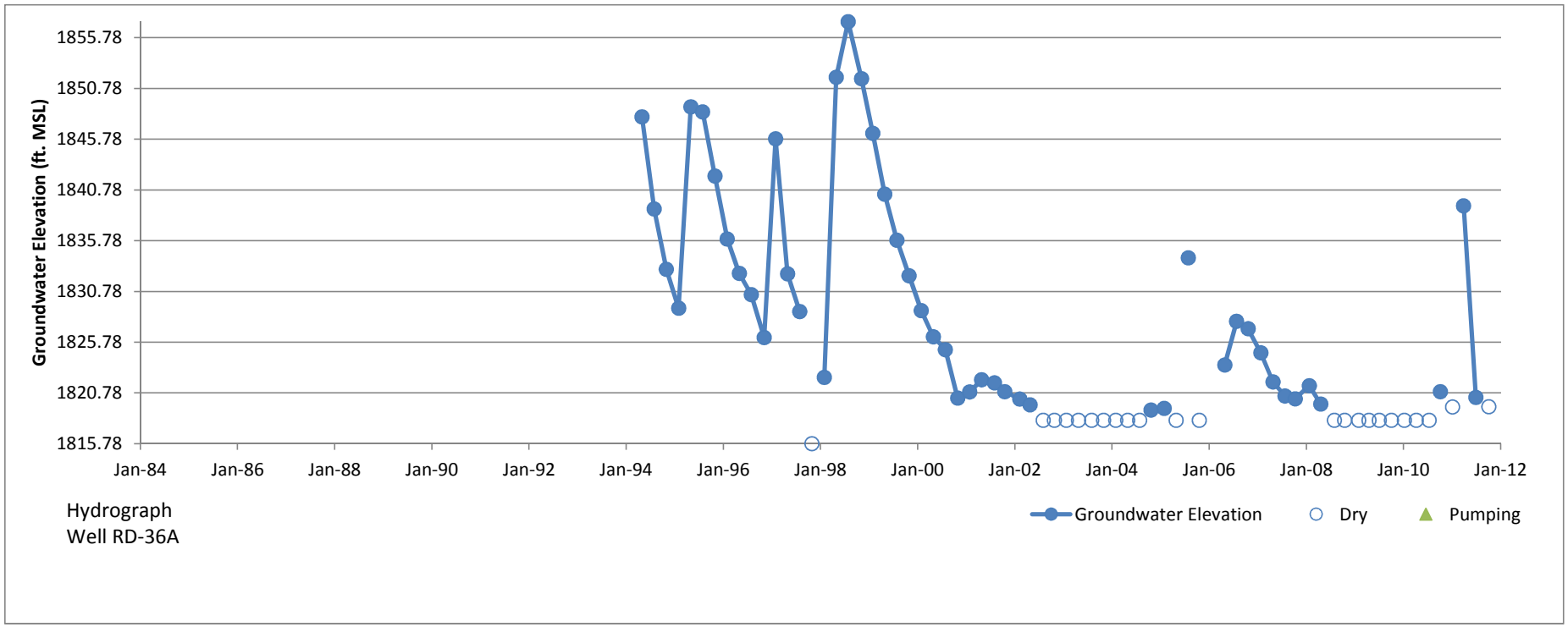

Groundwater Elevation (ft. MSL)
1755.67
1745.67
1735.67
1725.67
1715.67
1705.67
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-34A
Groundwater Elevation
Dry
Pumping

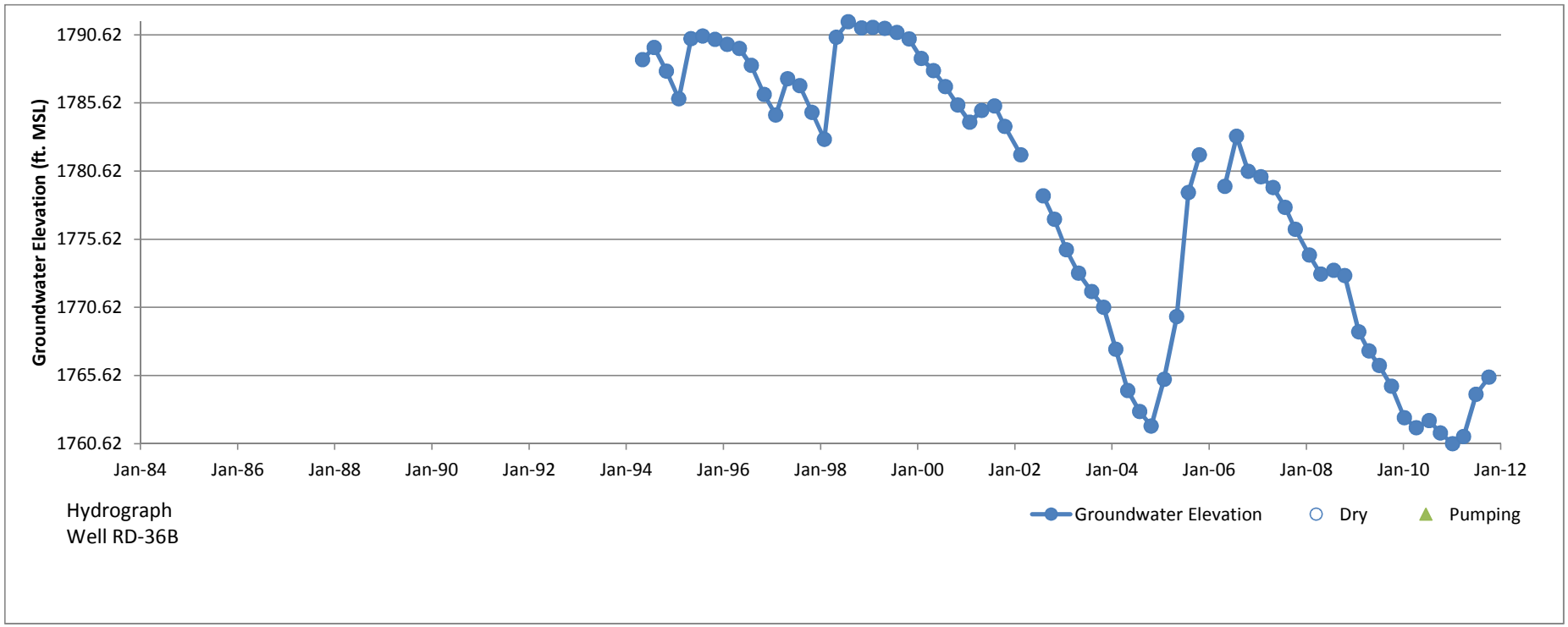

Groundwater Elevation (ft. MSL)
1756.08
1746.08
1736.08
1726.08
1716.08
1706.08
1696.08
1686.08
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-34B
Groundwater Elevation
Dry
Pumping

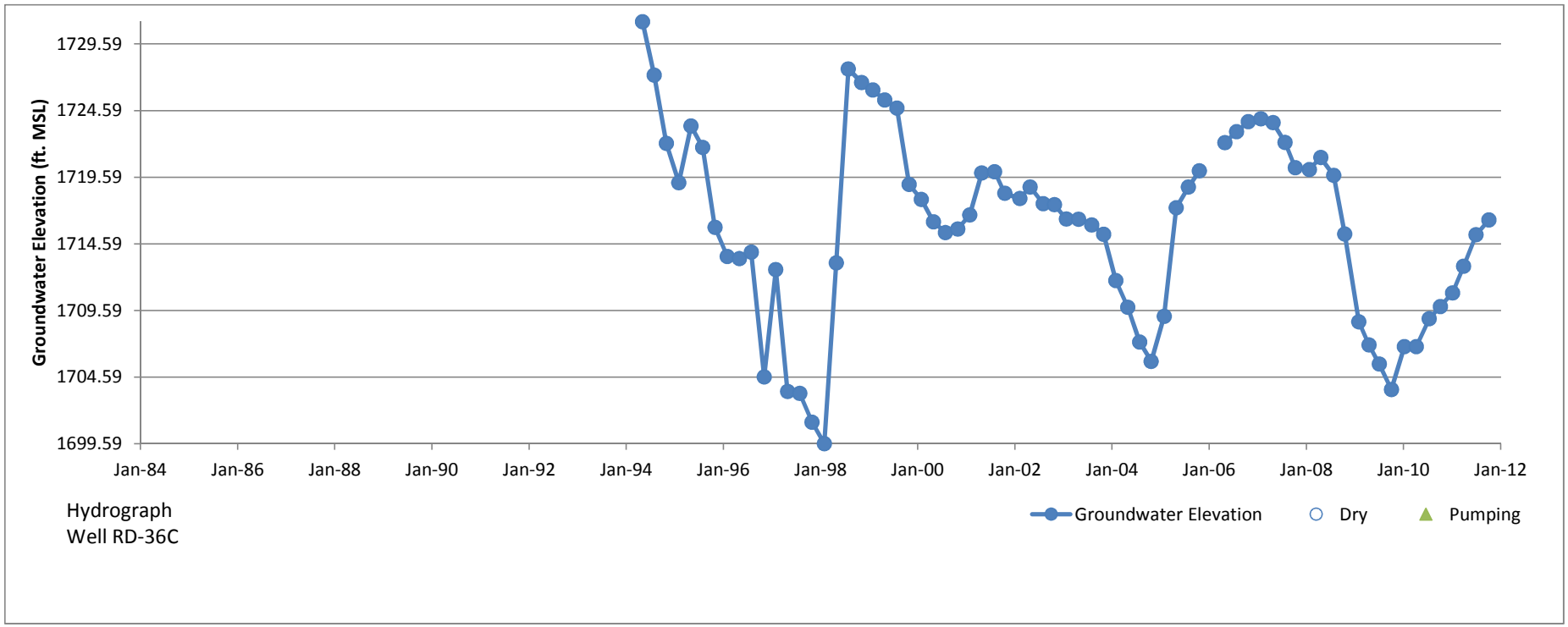

Groundwater Elevation (ft. MSL)
1761.55
1756.55
1751.55
1746.55
1741.55
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-34C
Groundwater Elevation
Dry
Pumping

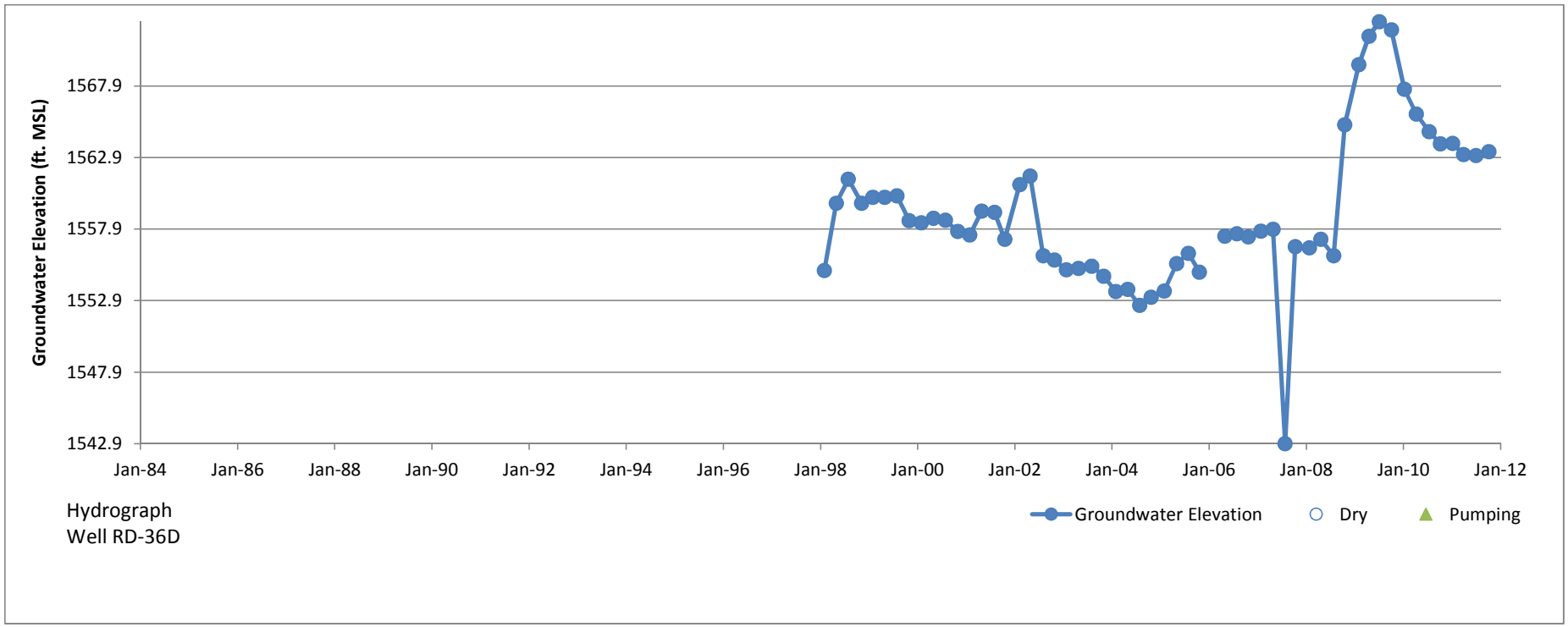

Groundwater Elevation (ft. MSL)
1848.62
1838.62
1828.62
1818.62
1808.62
1798.62
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-35A
Groundwater Elevation
Dry
Pumping

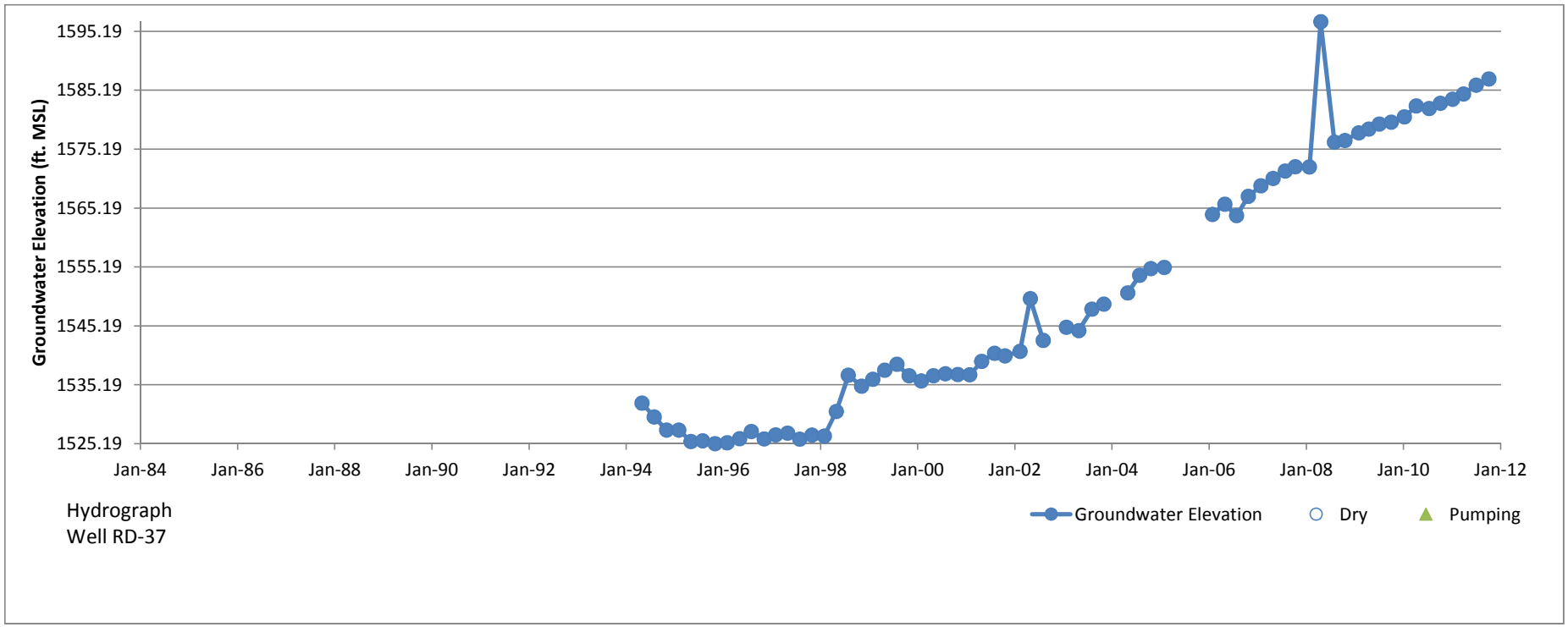

Groundwater Elevation (ft. MSL)
1827.69
1817.69
1807.69
1797.69
1787.69
1777.69
1767.69
1757.69
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-35B
Groundwater Elevation
Dry
Pumping

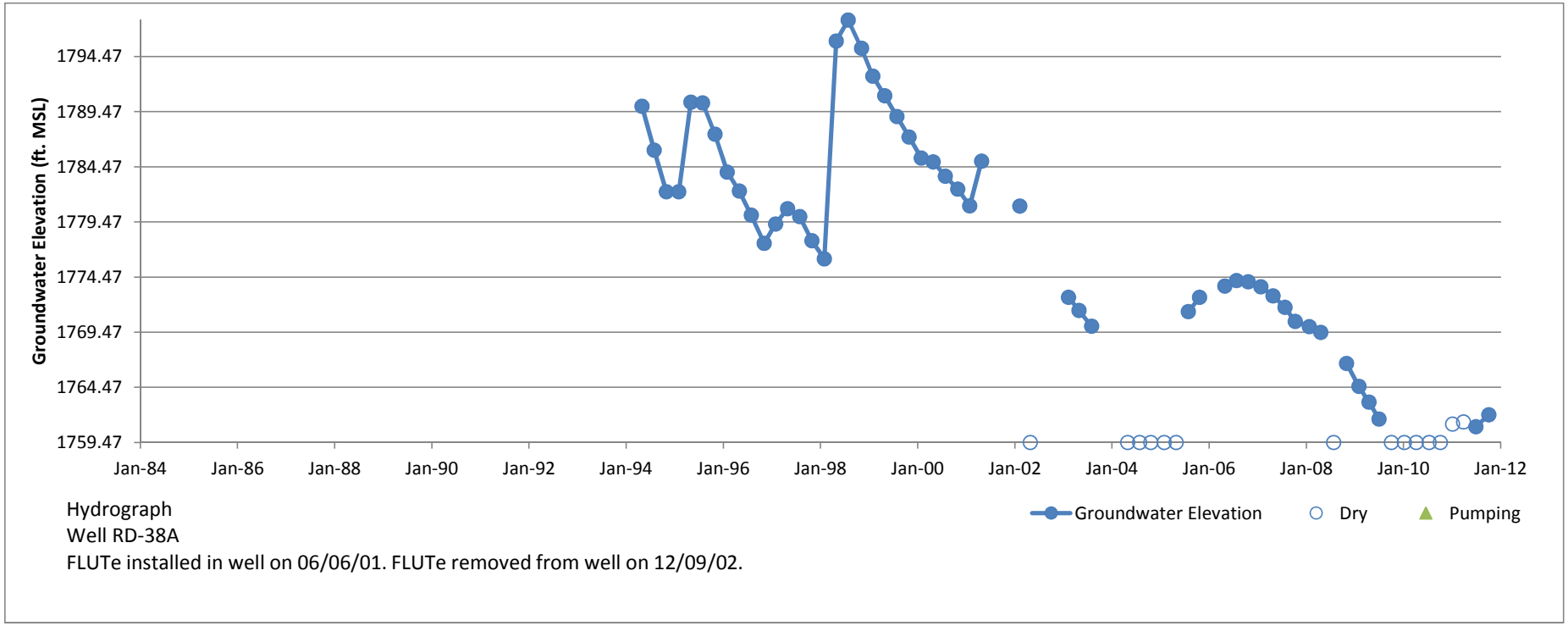

Groundwater Elevation (ft. MSL)
1855.78
1850.78
1845.78
1840.78
1835.78
1830.78
1825.78
1820.78
1815.78
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-36A
Groundwater Elevation
Dry
Pumping


Groundwater Elevation (ft. MSL)
1790.62
1785.62
1780.62
1775.62
1770.62
1765.62
1760.62
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-36B
Groundwater Elevation
Dry
Pumping

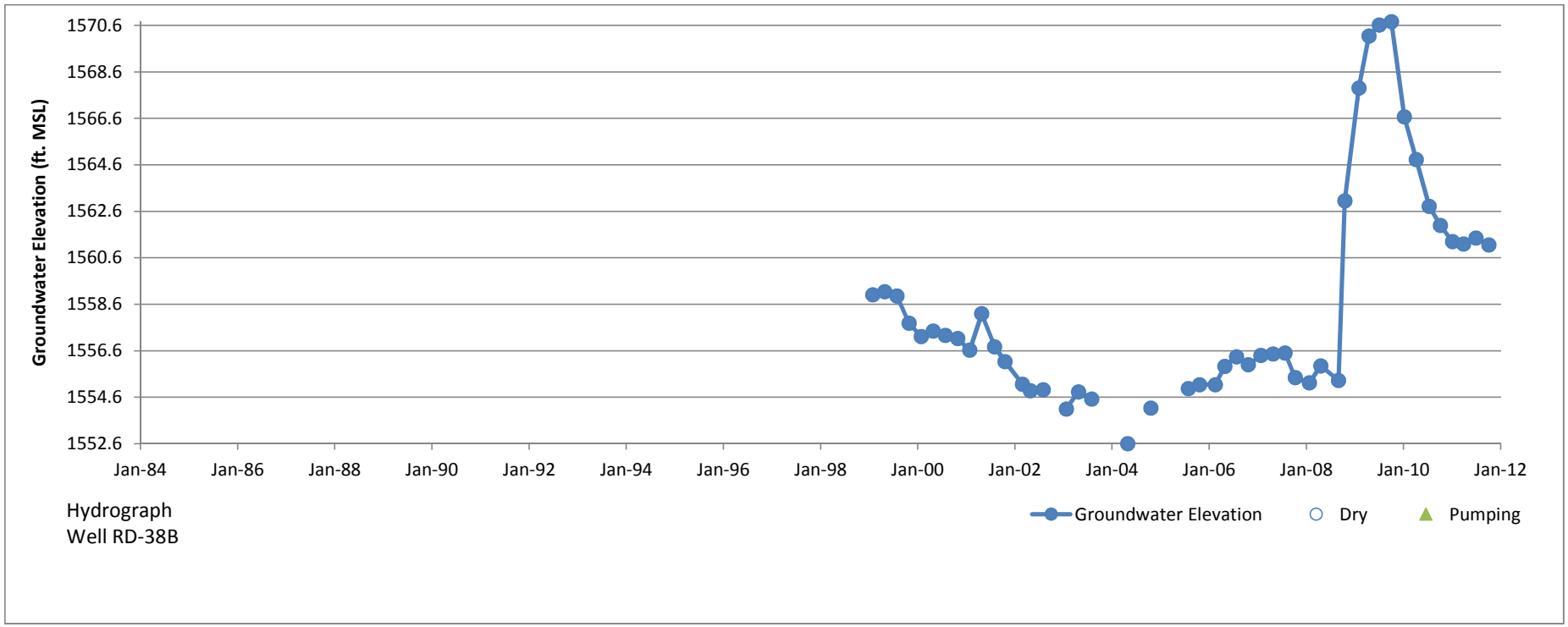

Groundwater Elevation (ft. MSL)
1729.59
1724.59
1719.59
1714.59
1709.59
1704.59
1699.59
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-36C
Groundwater Elevation
Dry
Pumping

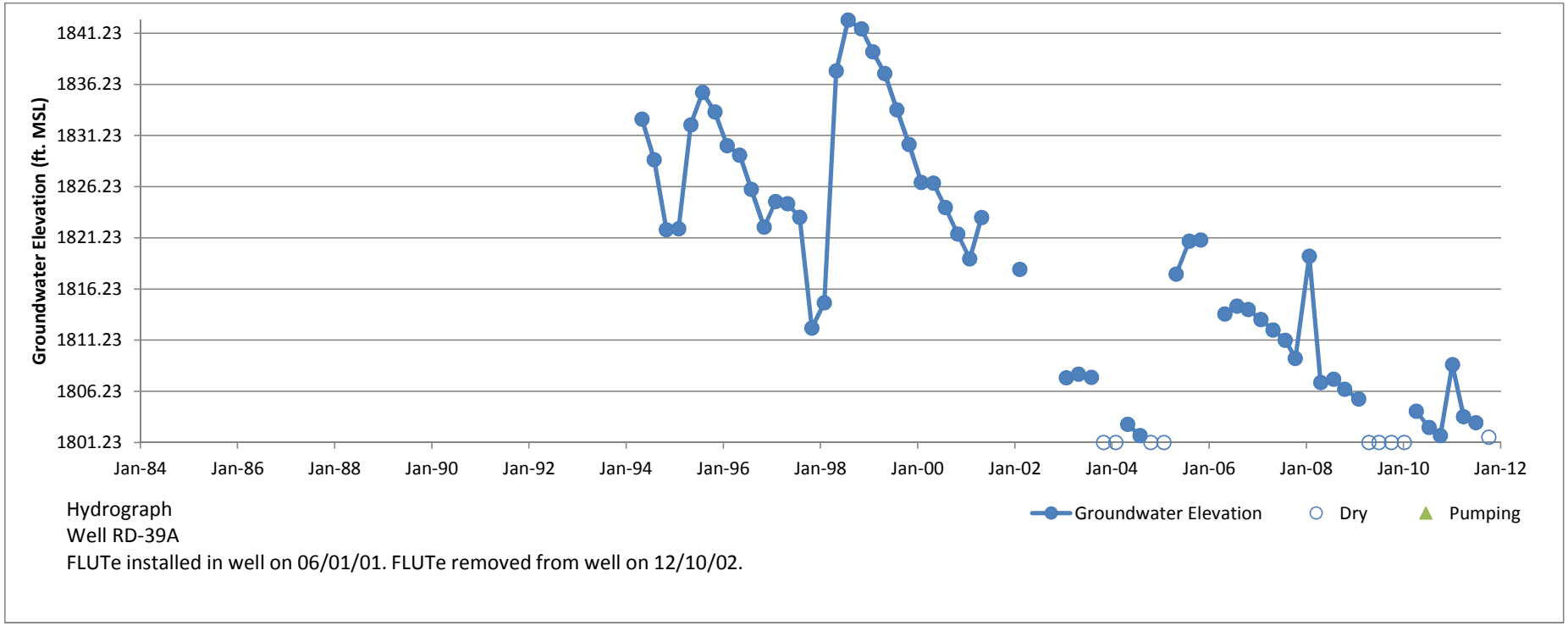

Groundwater Elevation (ft. MSL)
1567.9
1562.9
1557.9
1552.9
1547.9
1542.9
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-36D
Groundwater Elevation
Dry
Pumping


Groundwater Elevation (ft. MSL)
1595.19
1585.19
1575.19
1565.19
1555.19
1545.19
1535.19
1525.19
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-37
Groundwater Elevation
Dry
Pumping

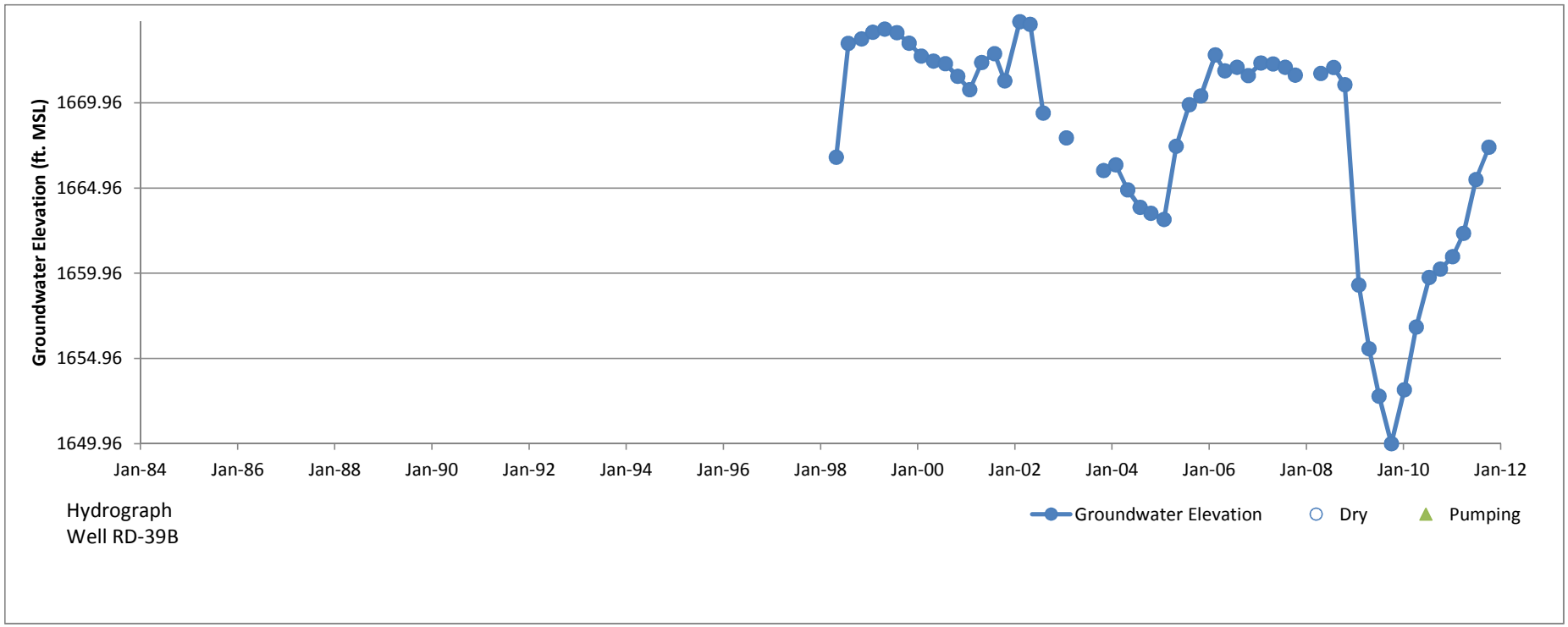


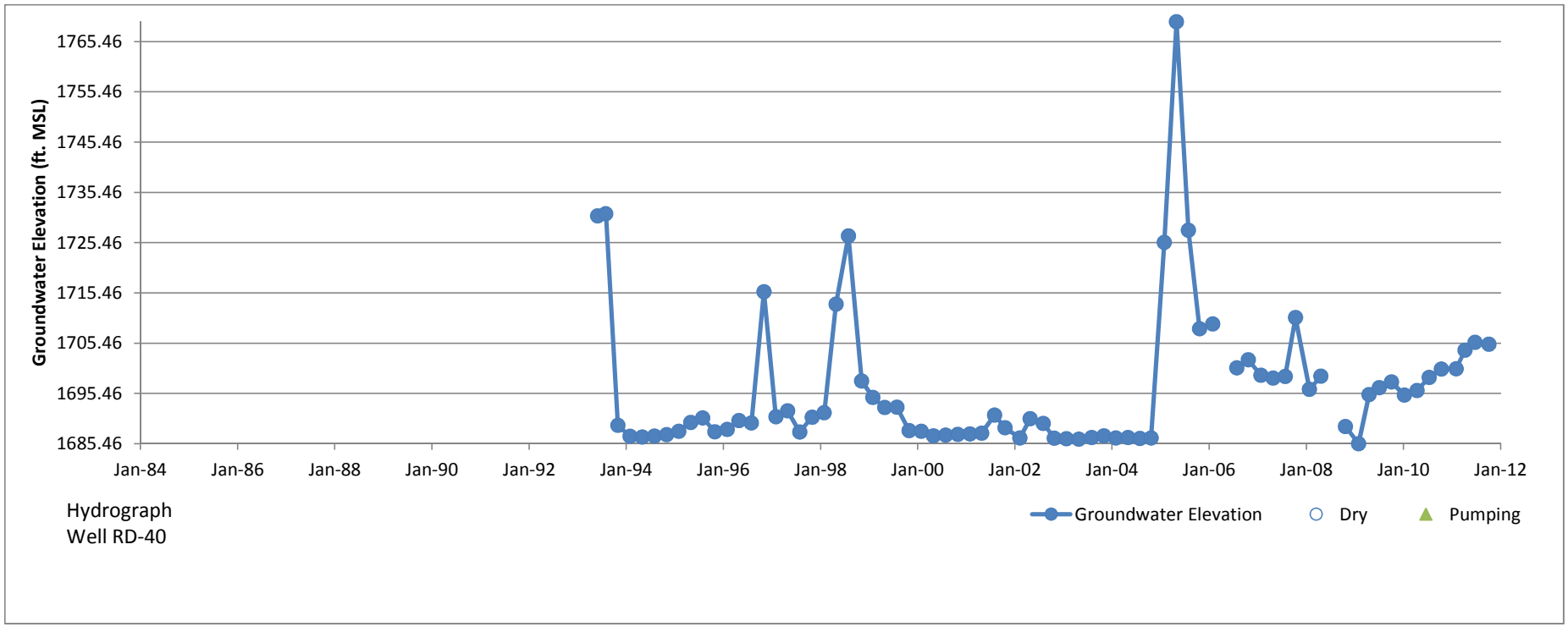
Hydrograph
Well RD-38A
FLUTe installed in well on 06/06/01. FLUTe removed from well on 12/09/02.

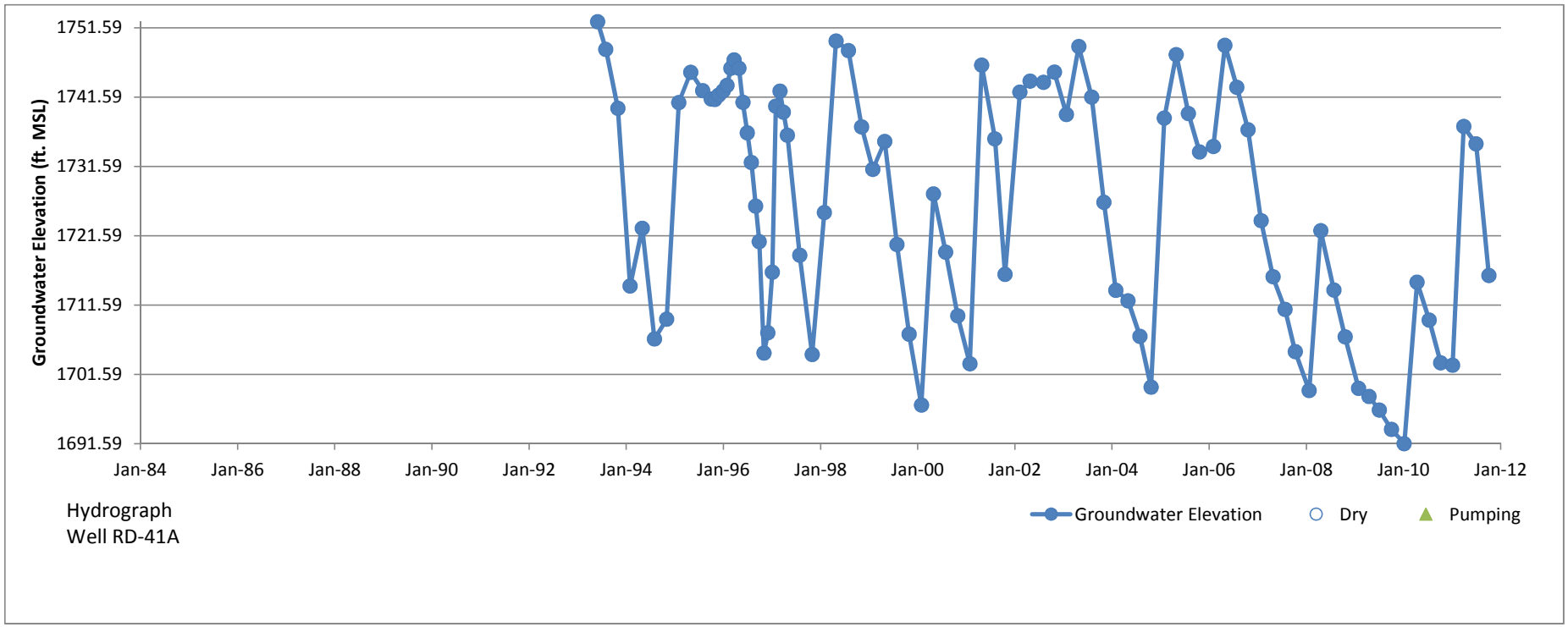

Groundwater Elevation (ft. MSL)
1570.6
1568.6
1566.6
1564.6
1562.6
1560.6
1558.6
1556.6
1554.6
1552.6
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-38B
Groundwater Elevation
Dry
Pumping

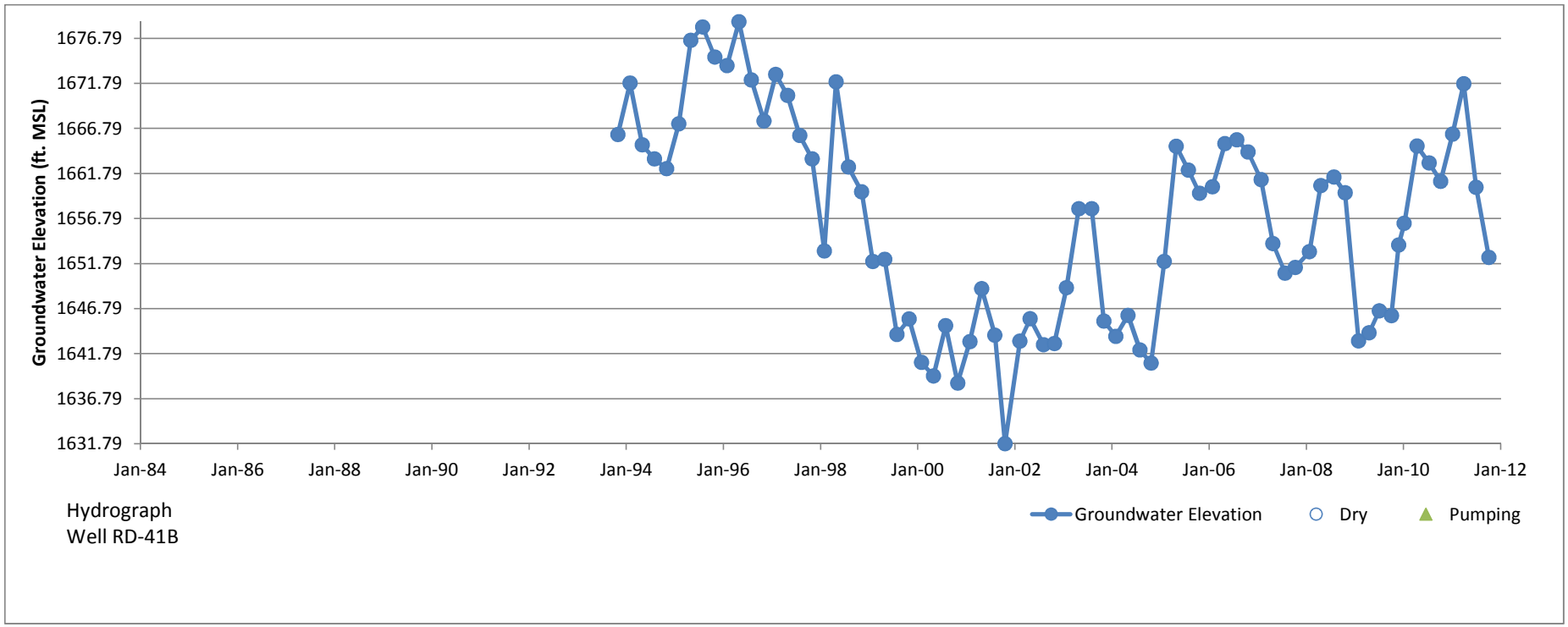


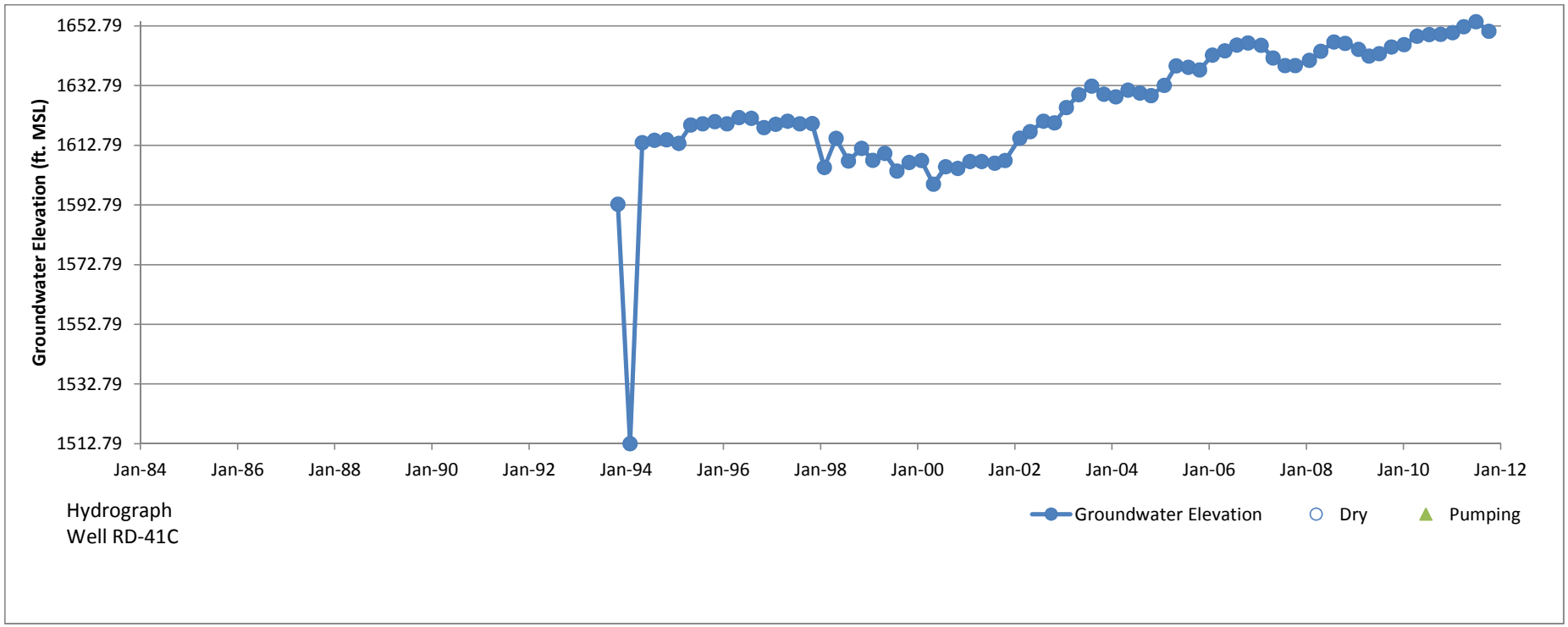
Hydrograph
Well RD-39A
FLUTe installed in well on 06/01/01. FLUTe removed from well on 12/10/02.

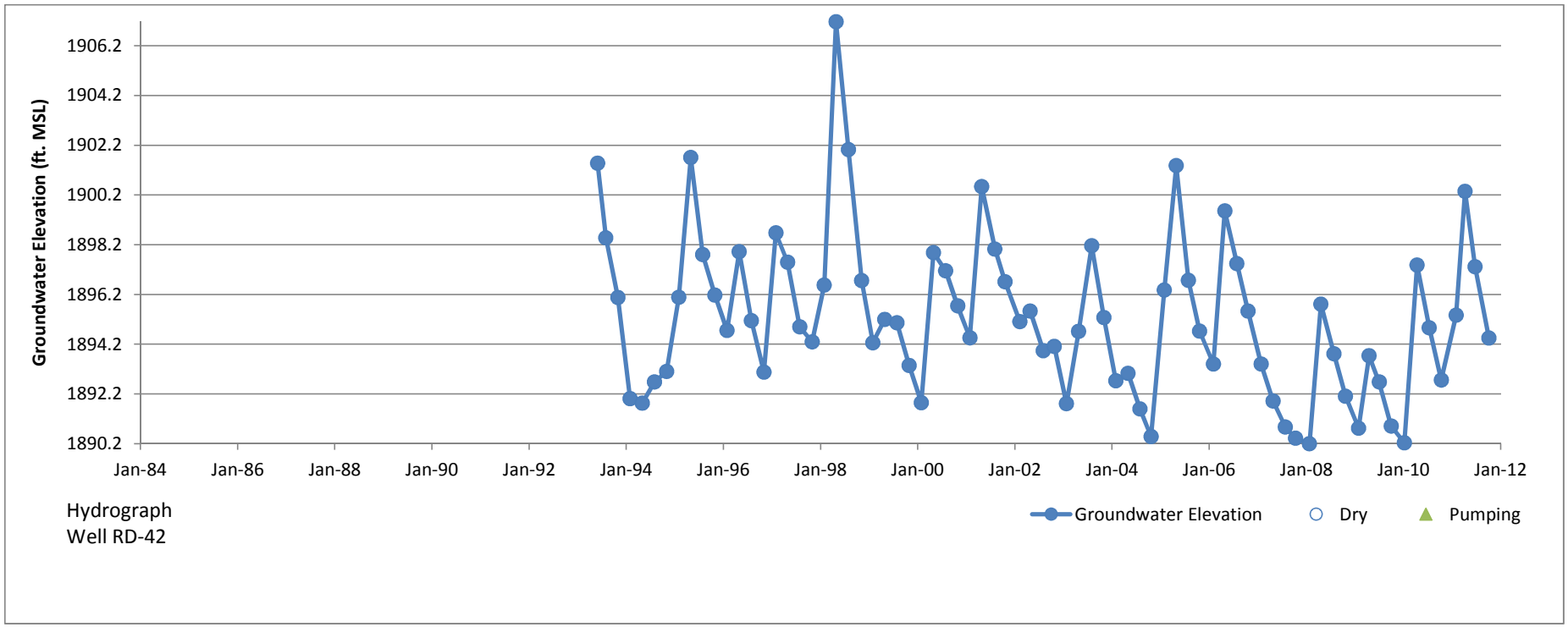

Groundwater Elevation (ft. MSL)
1669.96
1664.96
1659.96
1654.96
1649.96
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-39B
Groundwater Elevation
Dry
Pumping

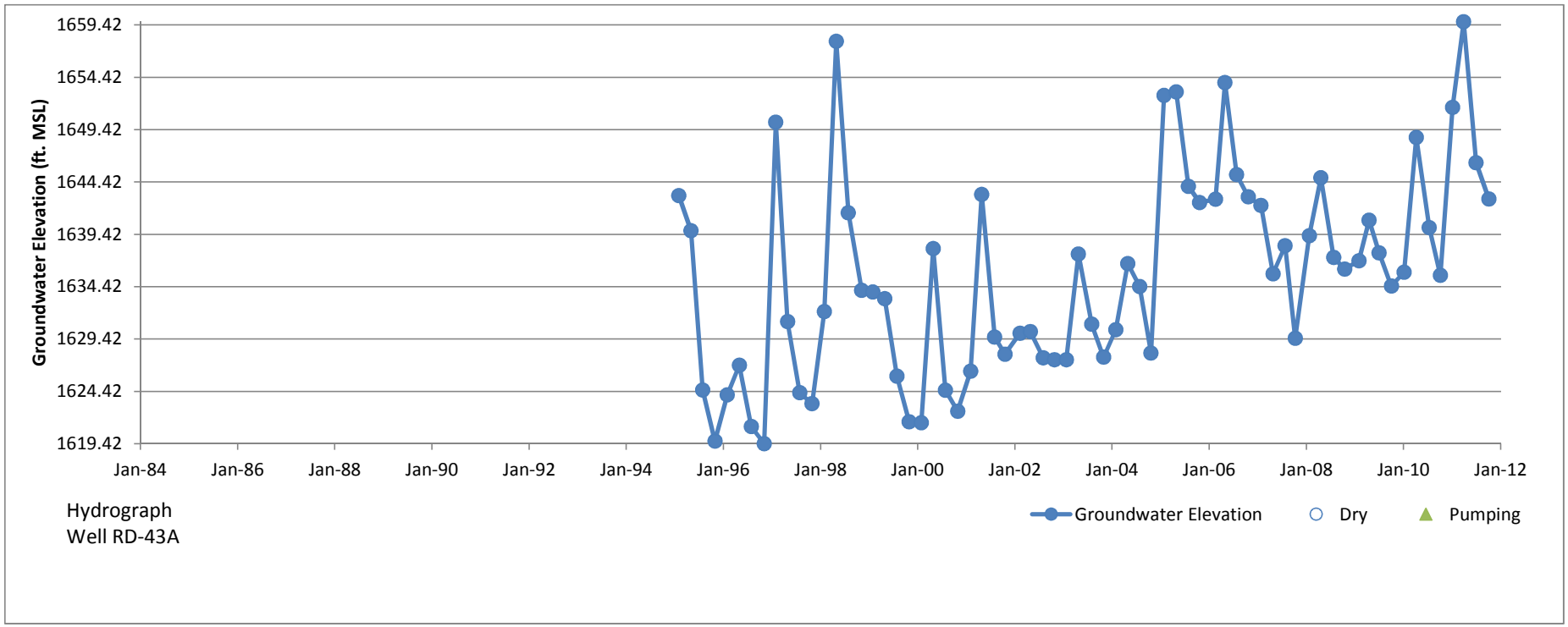

Groundwater Elevation (ft. MSL)
1765.46
1755.46
1745.46
1735.46
1725.46
1715.46
1705.46
1695.46
1685.46
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-40
Groundwater Elevation
Dry
Pumping

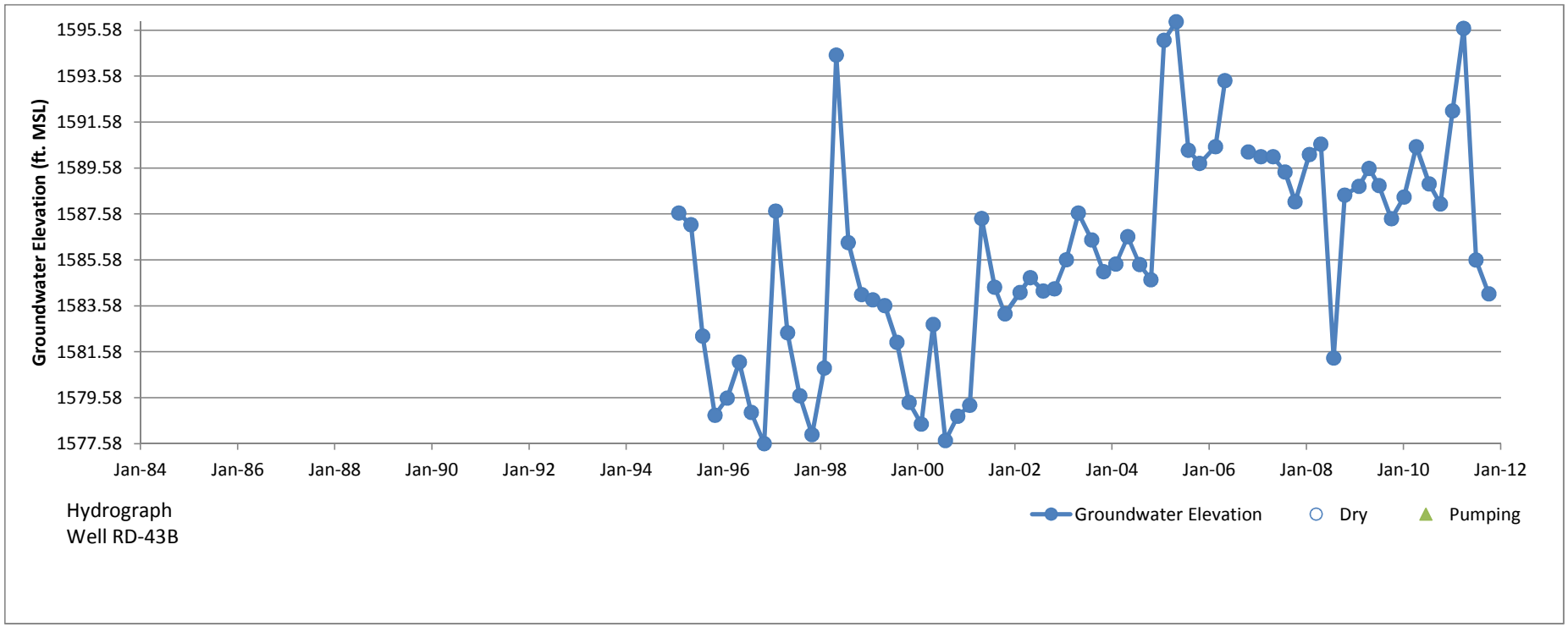

1751.59
1741.59
1731.59
1721.59
1711.59
1701.59
1691.59
Groundwater Elevation (ft. MSL)
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-41A
Groundwater Elevation
Dry
Pumping

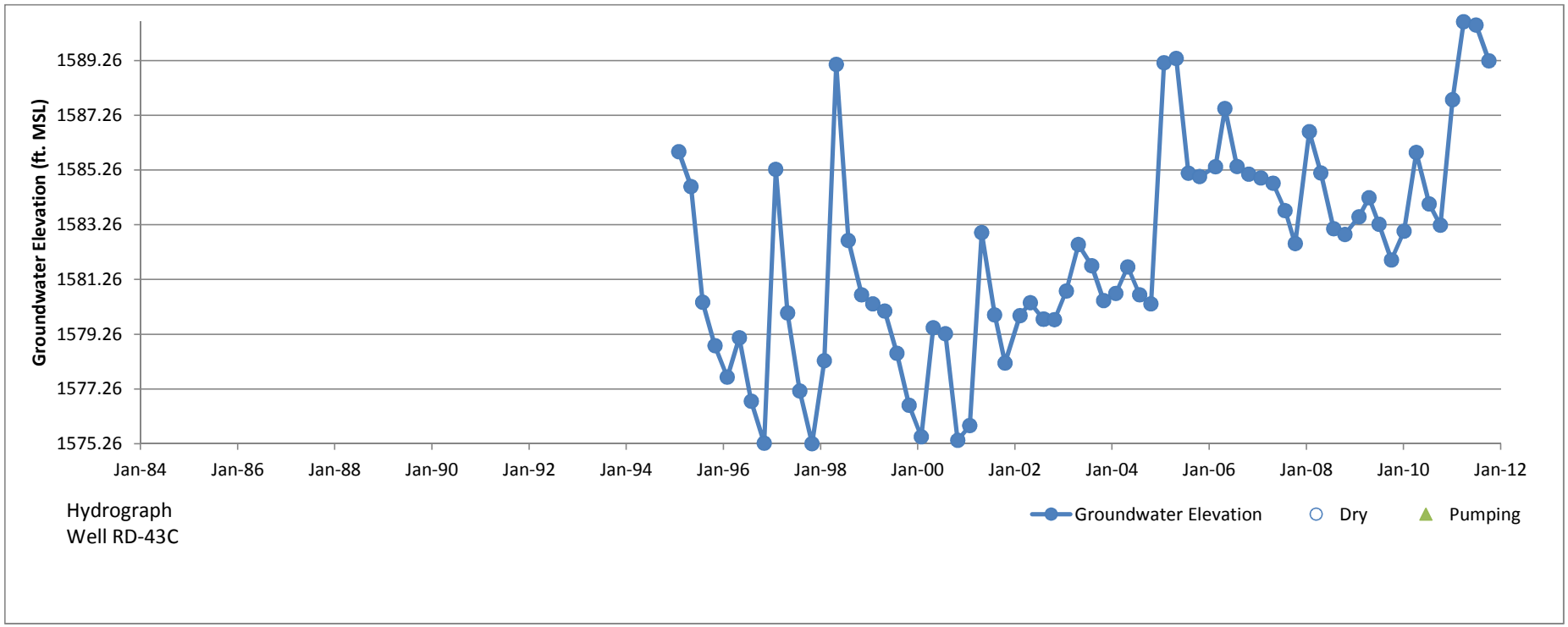

Groundwater Elevation (ft. MSL)
1676.79
1671.79
1666.79
1661.79
1656.79
1651.79
1646.79
1641.79
1636.79
1631.79
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-41B
Groundwater Elevation
Dry
Pumping

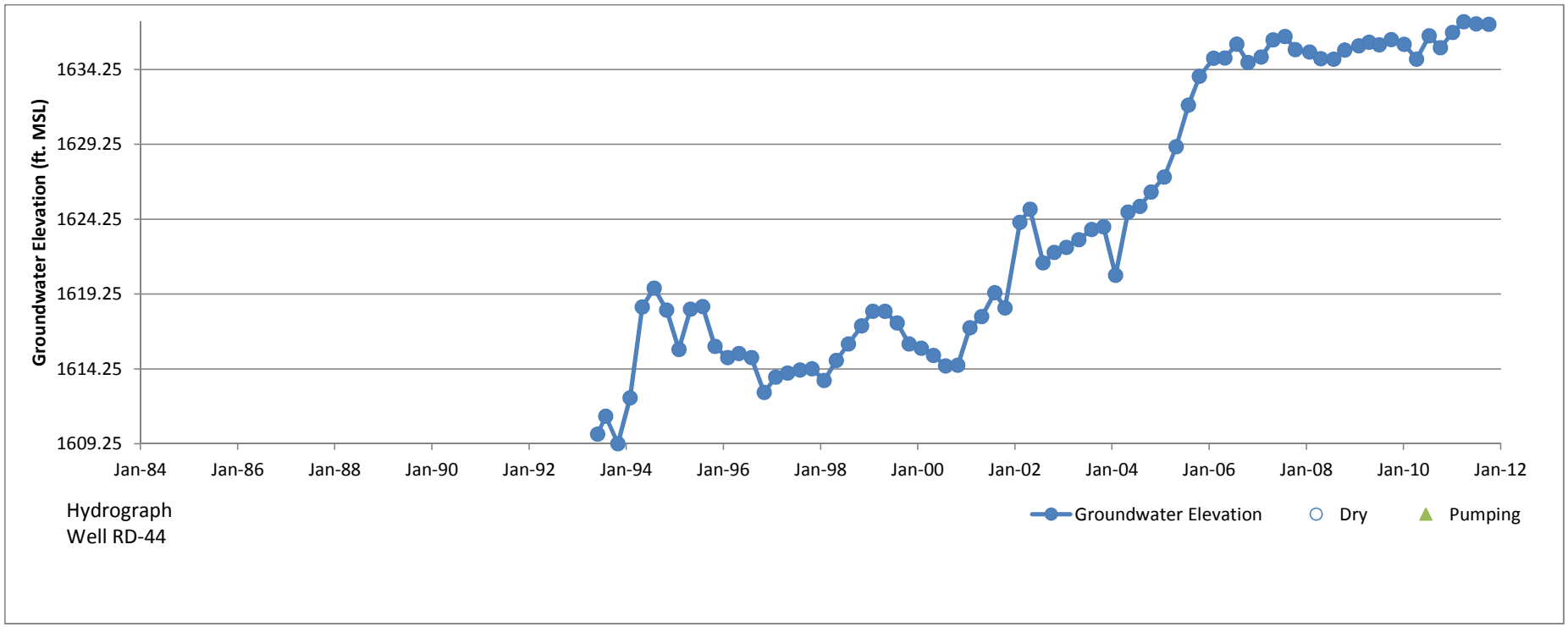

Groundwater Elevation (ft. MSL)
1652.79
1632.79
1612.79
1592.79
1572.79
1552.79
1532.79
1512.79
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-41C
Groundwater Elevation
Dry
Pumping

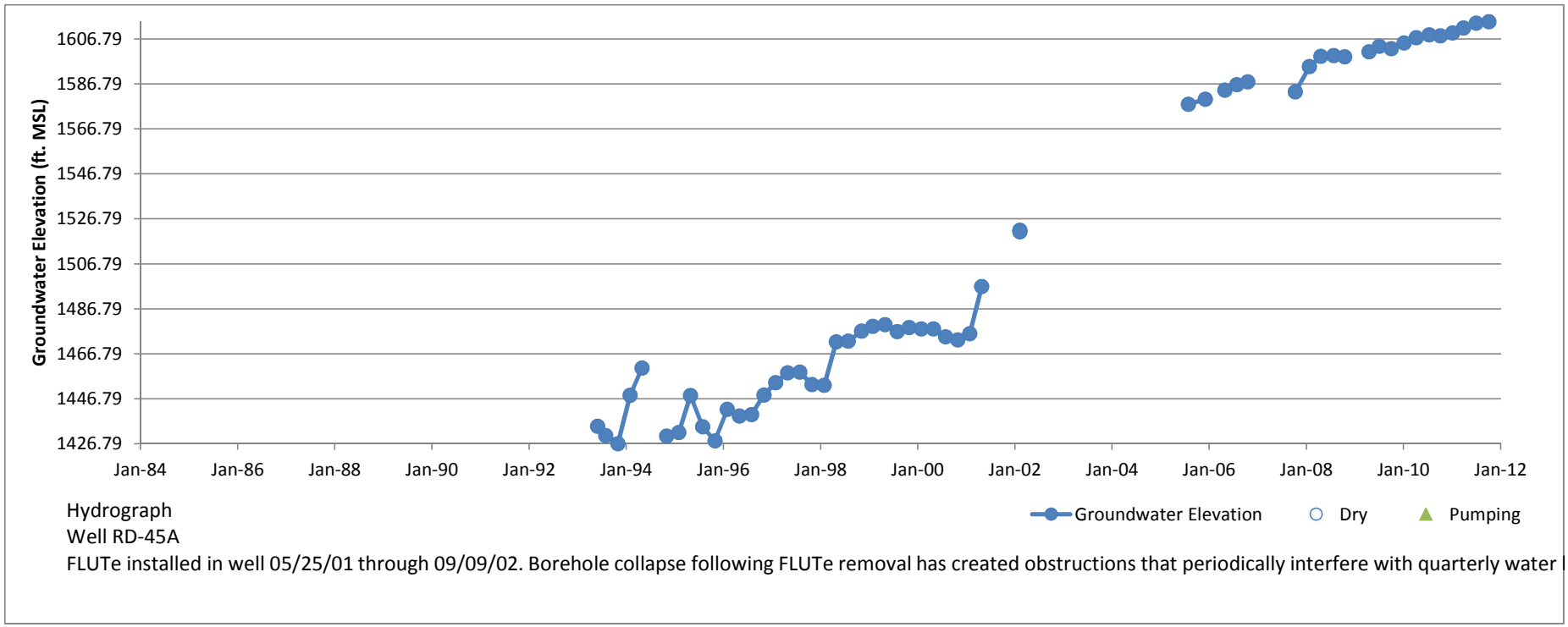

Groundwater Elevation (ft. MSL)
1906.2
1904.2
1902.2
1900.2
1898.2
1896.2
1894.2
1892.2
1890.2
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-42
Groundwater Elevation
Dry
Pumping


Groundwater Elevation (ft. MSL)
1659.42
1654.42
1649.42
1644.42
1639.42
1634.42
1629.42
1624.42
1619.42
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-43A
Groundwater Elevation
Dry
Pumping

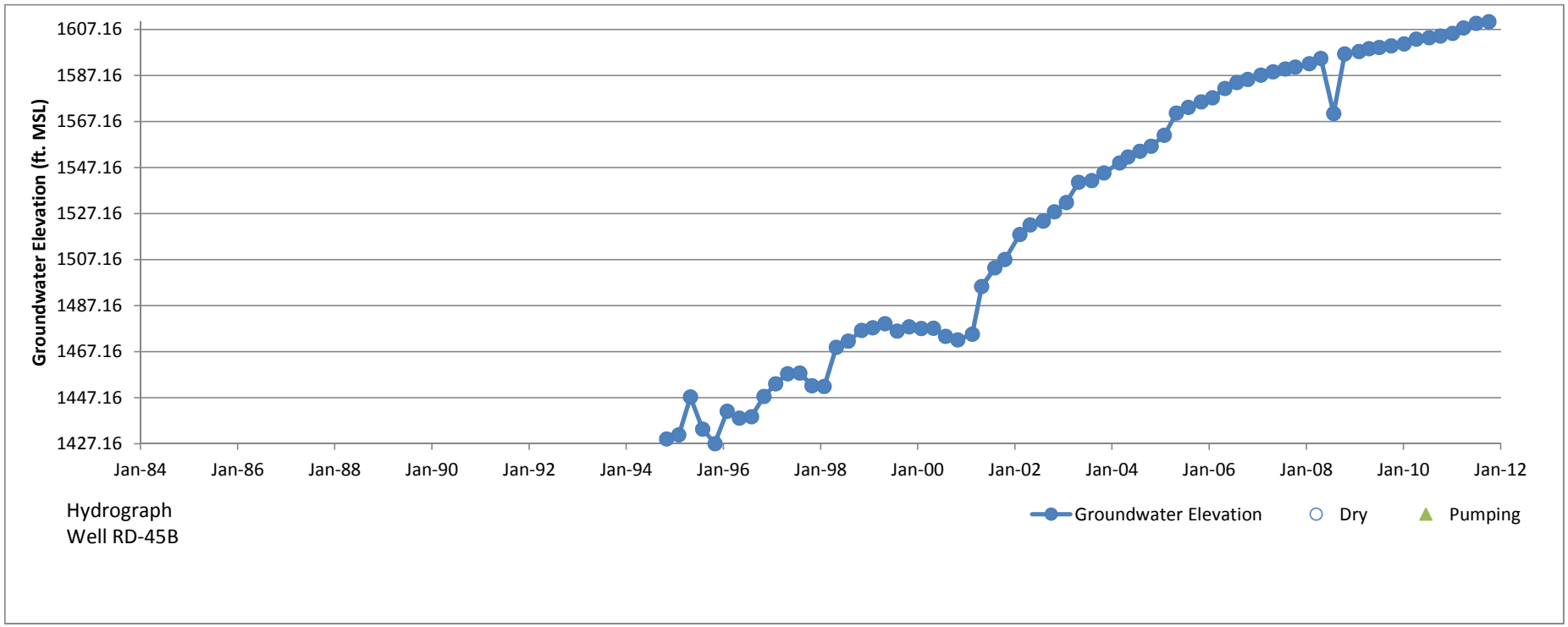

Groundwater Elevation (ft. MSL)
1595.58
1593.58
1591.58
1589.58
1587.58
1585.58
1583.58
1581.58
1579.58
1577.58
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-43B
Groundwater Elevation
Dry
Pumping

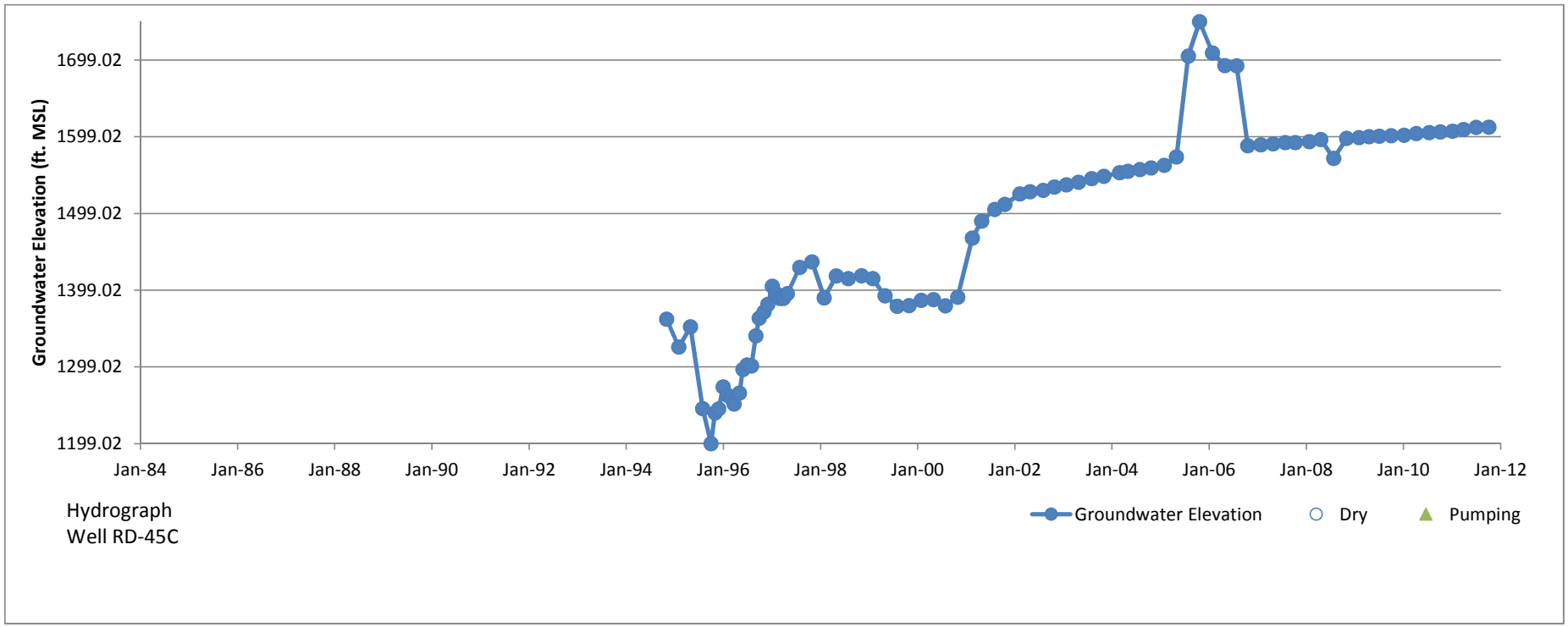

Groundwater Elevation (ft. MSL)
1589.26
1587.26
1585.26
1583.26
1581.26
1579.26
1577.26
1575.26
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-43C
Groundwater Elevation
Dry
Pumping

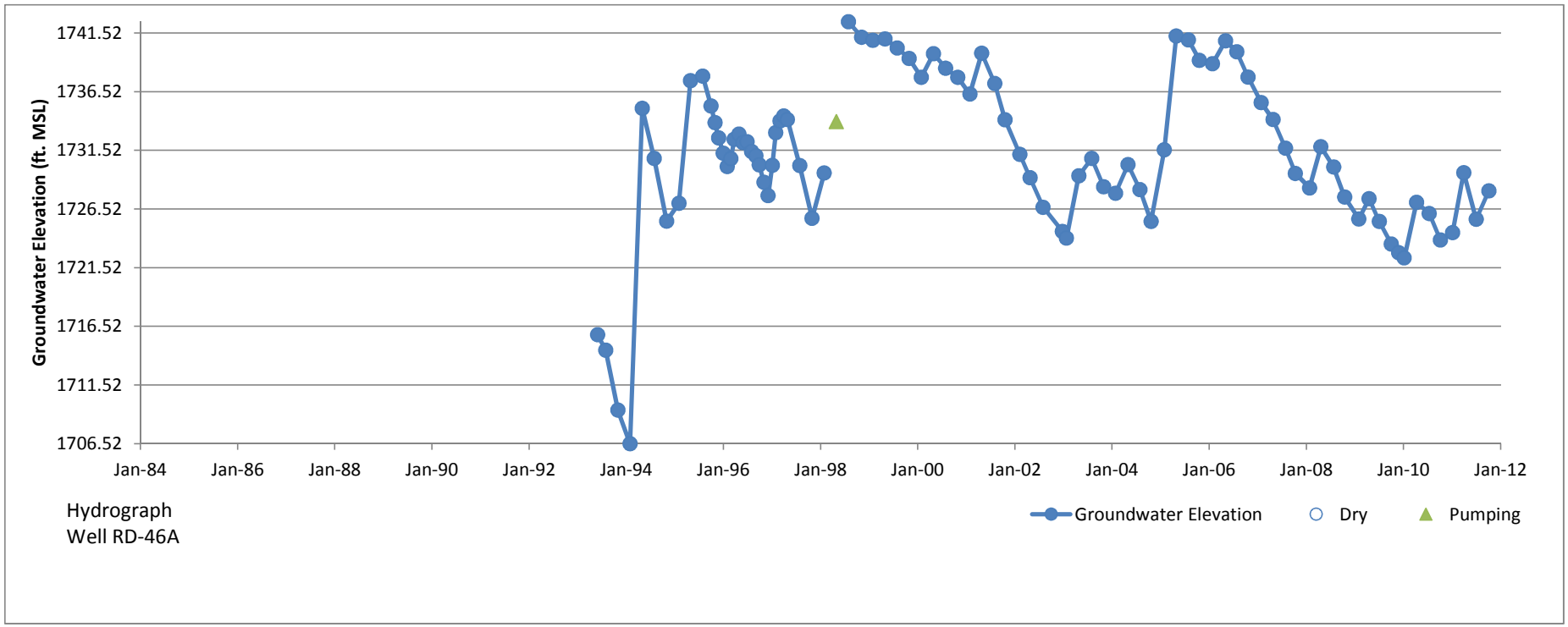

Groundwater Elevation (ft. MSL)
1634.25
1629.25
1624.25
1619.25
1614.25
1609.25
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-44
Groundwater Elevation
Dry
Pumping

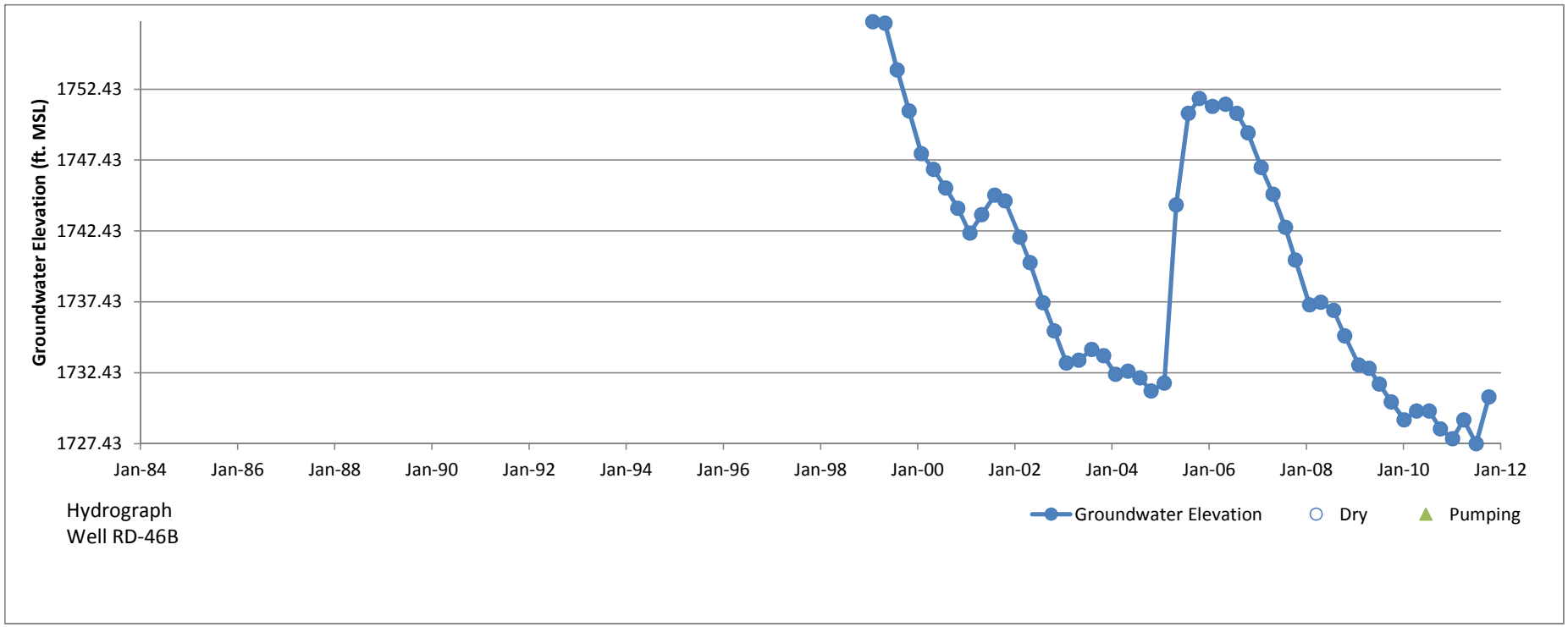


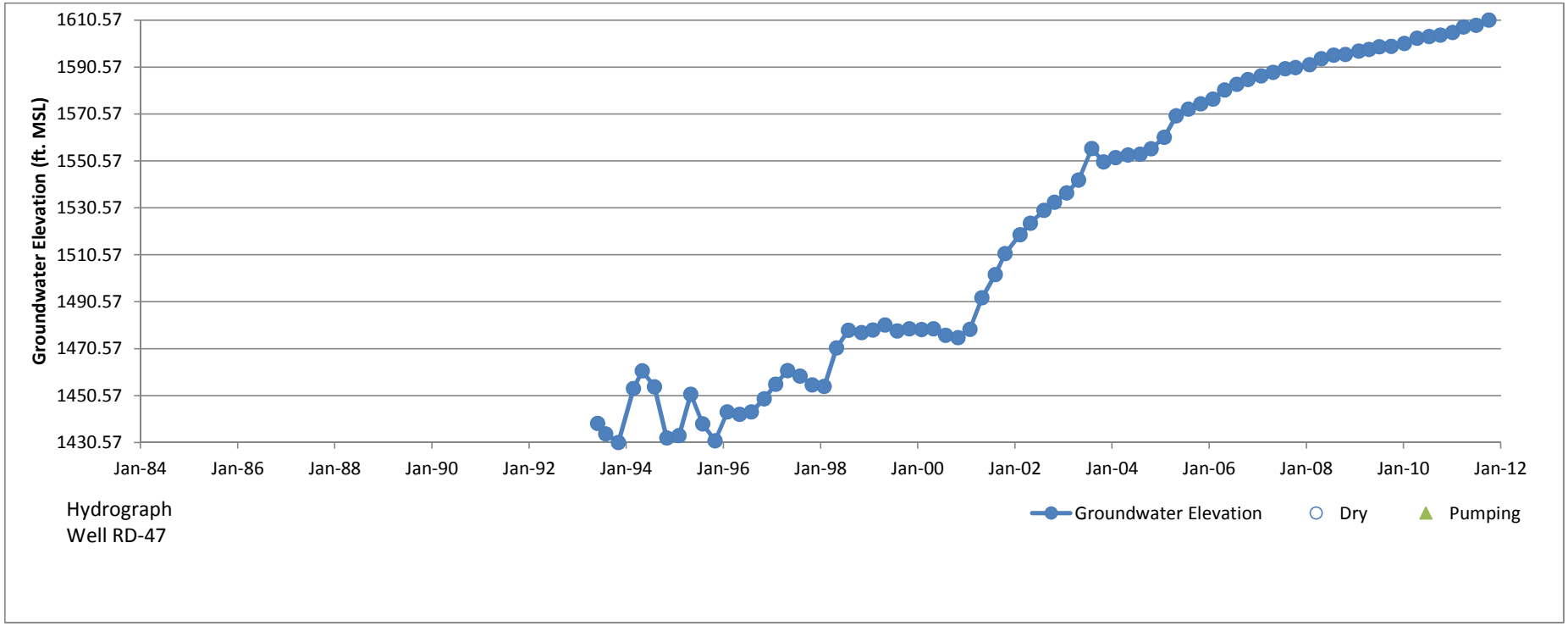
Hydrograph
Well RD-45A
FLUTe installed in well 05/25/01 through 09/09/02. Borehole collapse following FLUTe removal has created obstructions that periodically interfere with quarterly water l

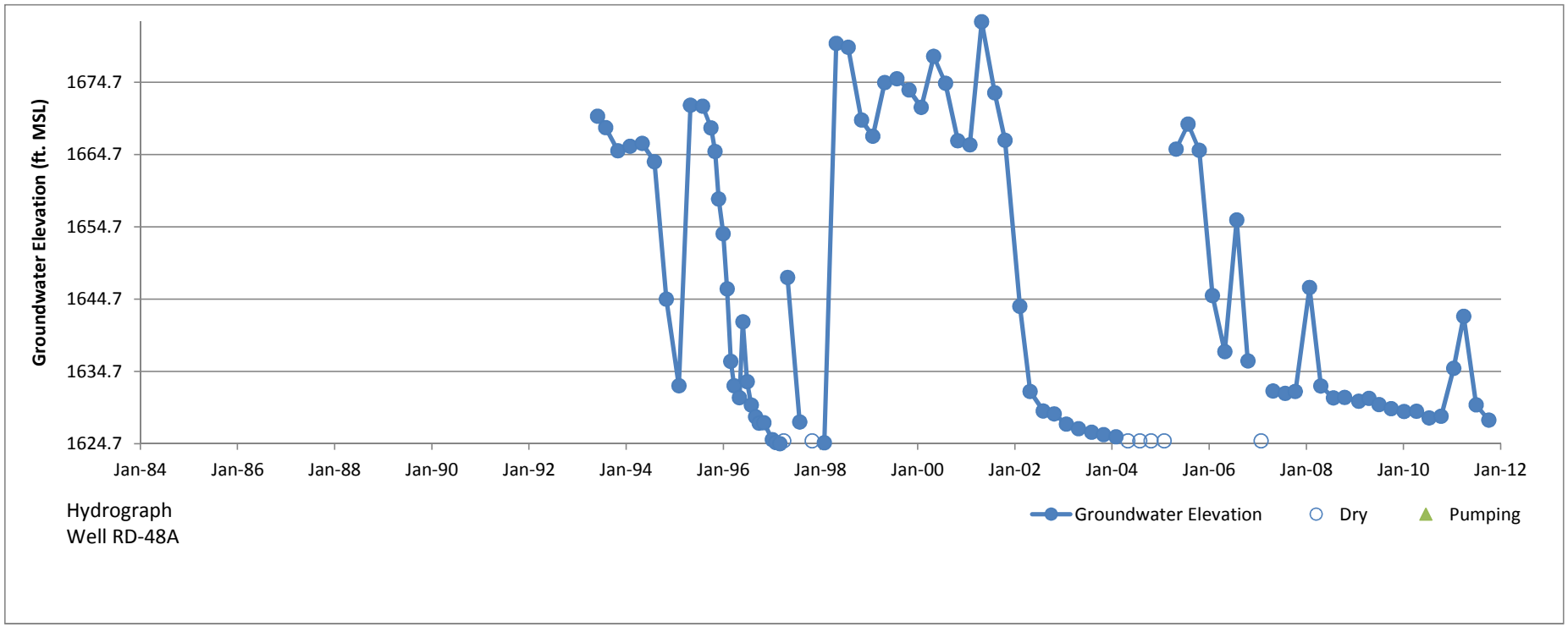

Groundwater Elevation (ft. MSL)
1607.16
1587.16
1567.16
1547.16
1527.16
1507.16
1487.16
1467.16
1447.16
1427.16
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-45B
Groundwater Elevation
Dry
Pumping

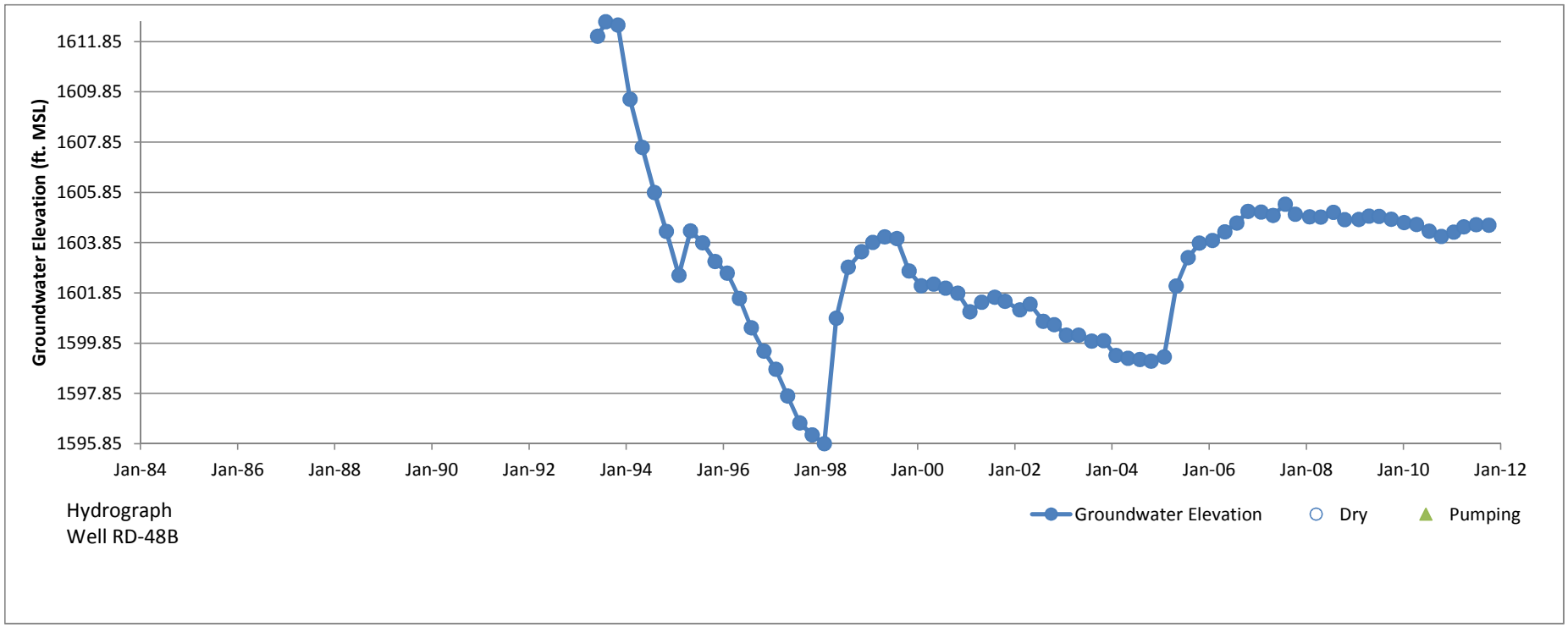

Groundwater Elevation (ft. MSL)
1699.02
1599.02
1499.02
1399.02
1299.02
1199.02
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-45C
Groundwater Elevation
Dry
Pumping

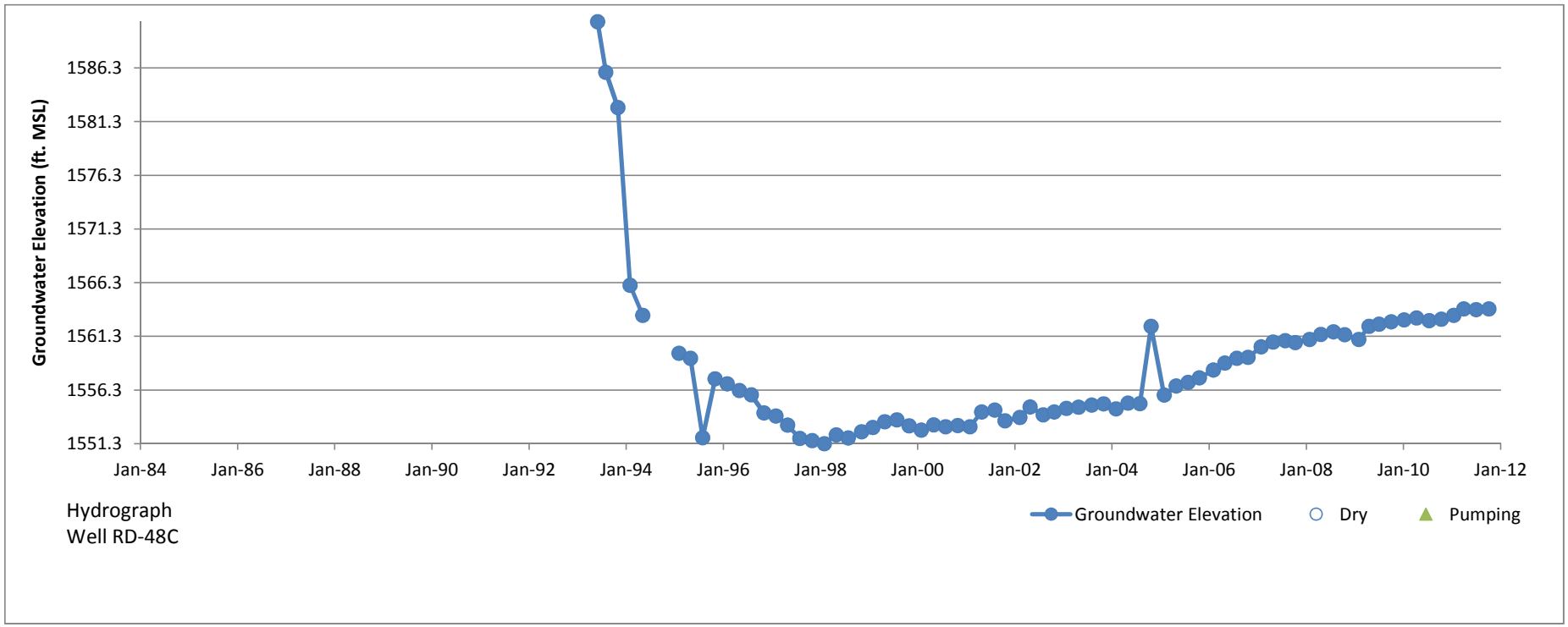

Groundwater Elevation (ft. MSL)
1741.52
1736.52
1731.52
1726.52
1721.52
1716.52
1711.52
1706.52
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-46A
Groundwater Elevation
Dry
Pumping

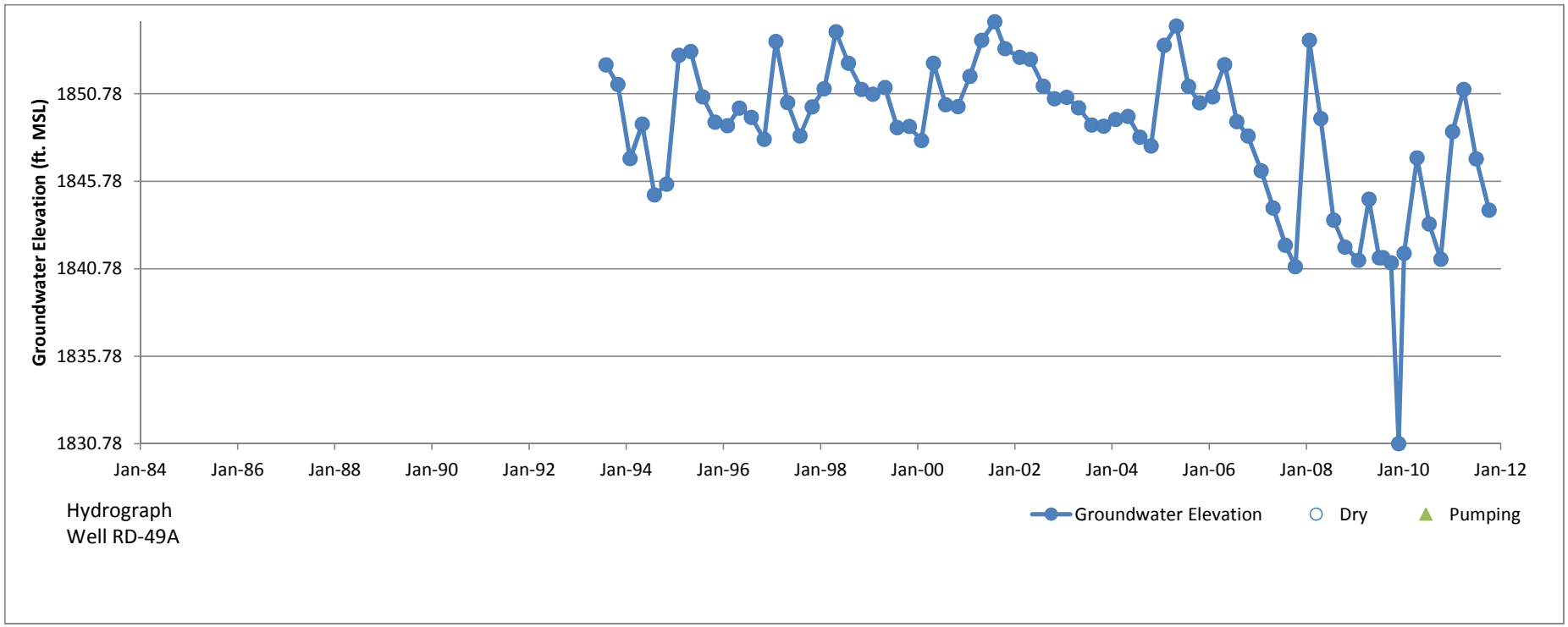

Groundwater Elevation (ft. MSL)
1752.43
1747.43
1742.43
1737.43
1732.43
1727.43
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-46B
Groundwater Elevation
Dry
Pumping

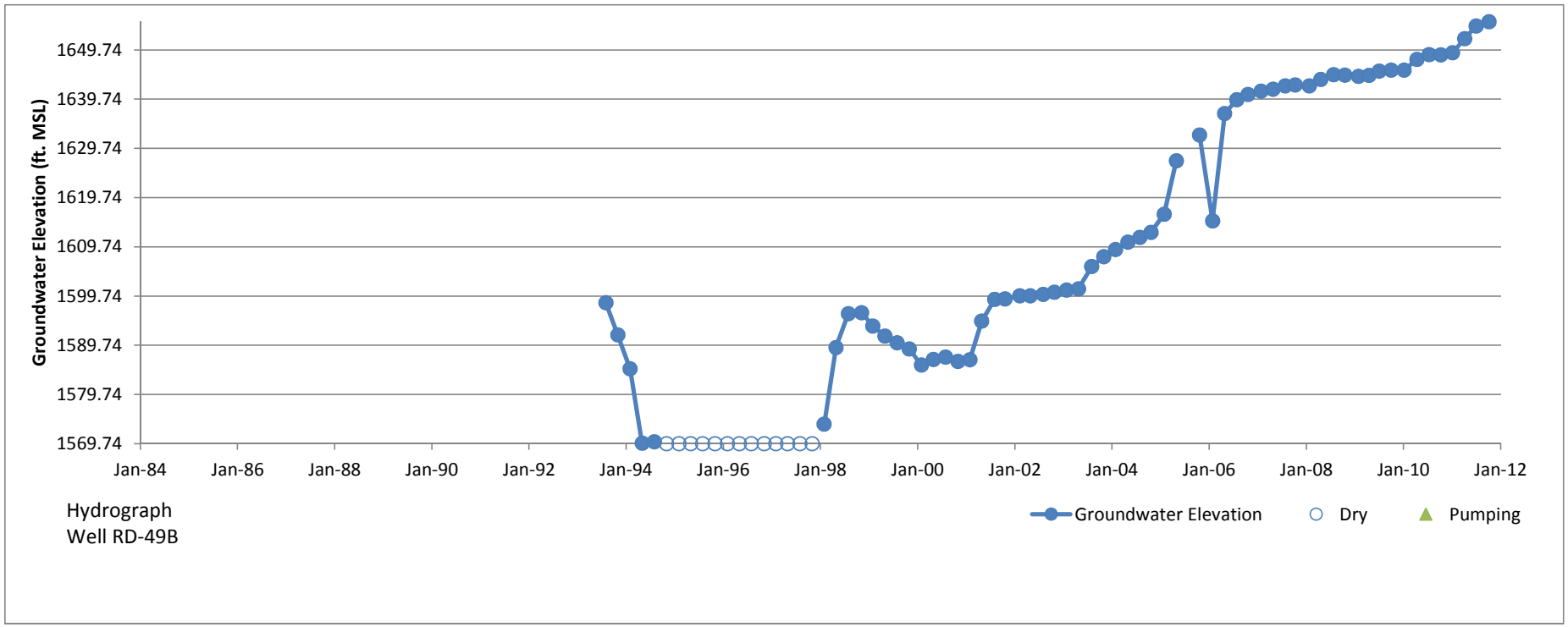

Groundwater Elevation (ft. MSL)
1610.57
1590.57
1570.57
1550.57
1530.57
1510.57
1490.57
1470.57
1450.57
1430.57
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-47
Groundwater Elevation
Dry
Pumping

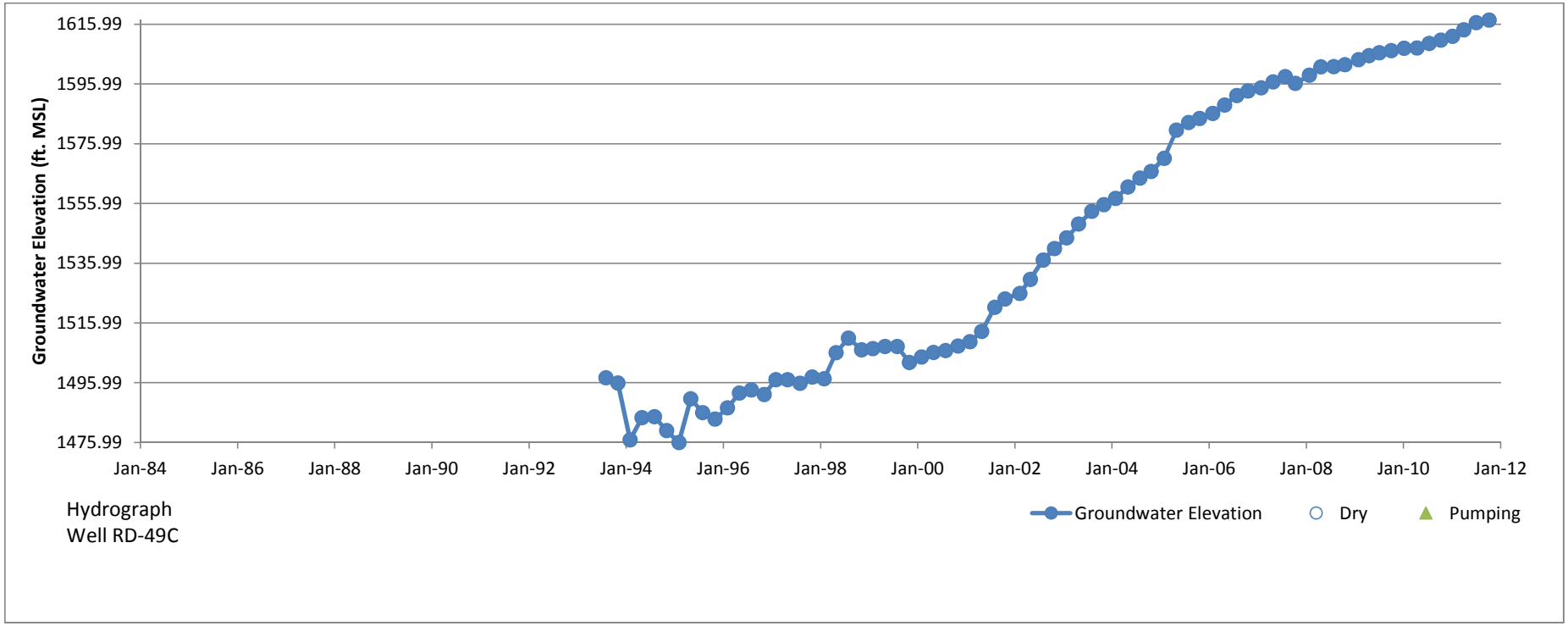

Groundwater Elevation (ft. MSL)
1674.7
1664.7
1654.7
1644.7
1634.7
1624.7
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-48A
Groundwater Elevation
Dry
Pumping

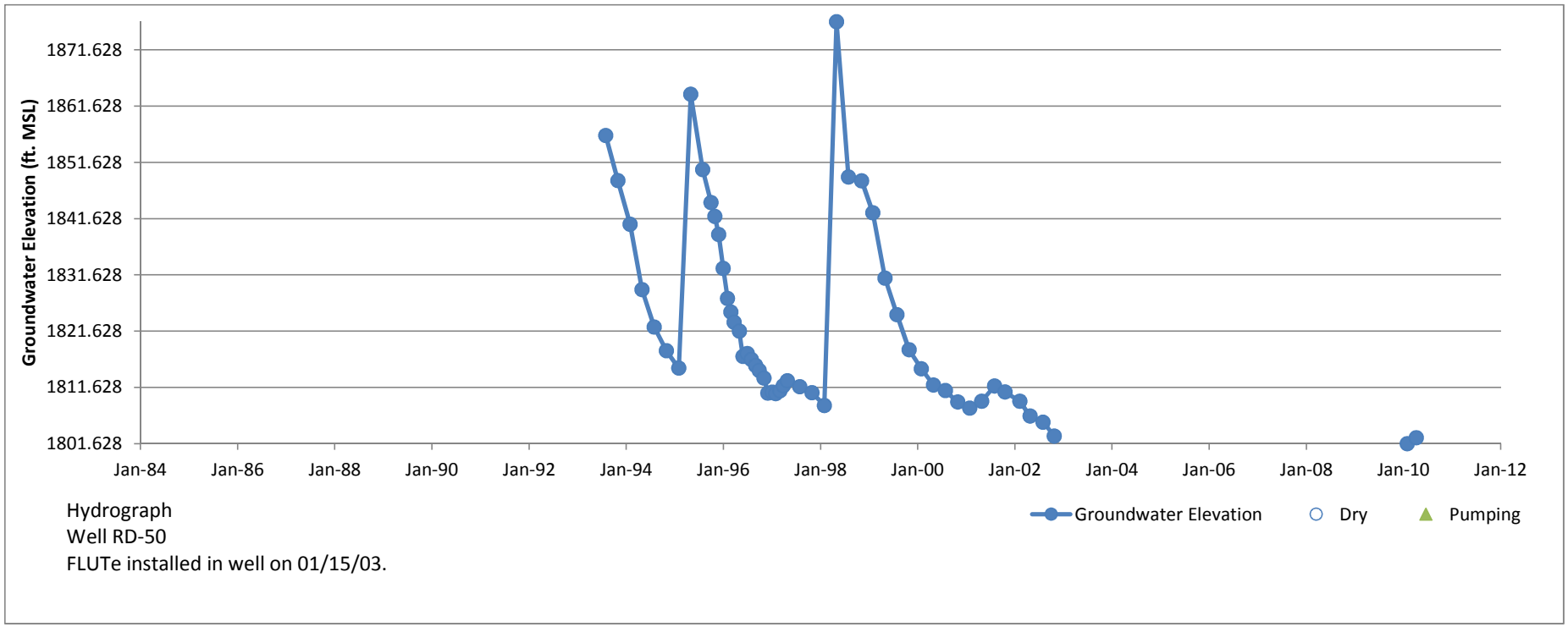

Groundwater Elevation (ft. MSL)
1611.85
1609.85
1607.85
1605.85
1603.85
1601.85
1599.85
1597.85
1595.85
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-48B
Groundwater Elevation
Dry
Pumping


Groundwater Elevation (ft. MSL)
1586.3
1581.3
1576.3
1571.3
1566.3
1561.3
1556.3
1551.3
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-48C
Groundwater Elevation
Dry
Pumping

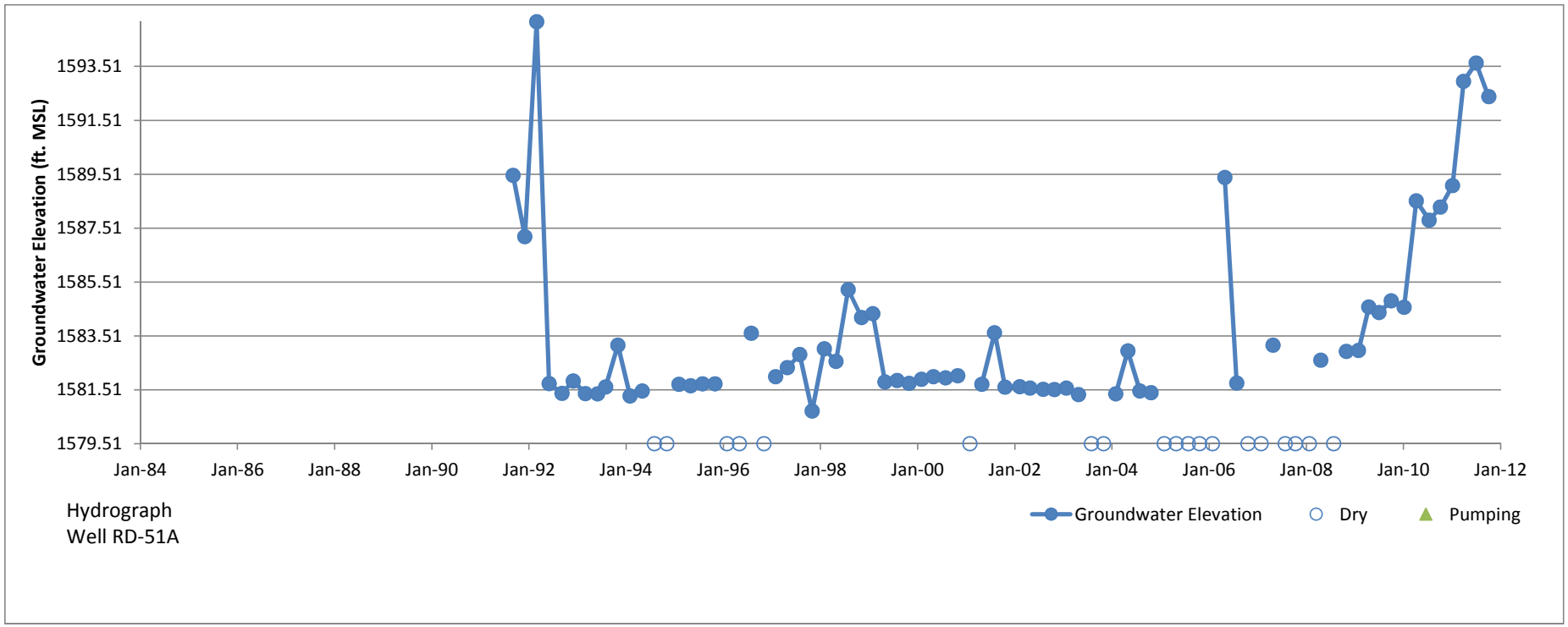

Groundwater Elevation (ft. MSL)
1850.78
1845.78
1840.78
1835.78
1830.78
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-49A
Groundwater Elevation
Dry
Pumping

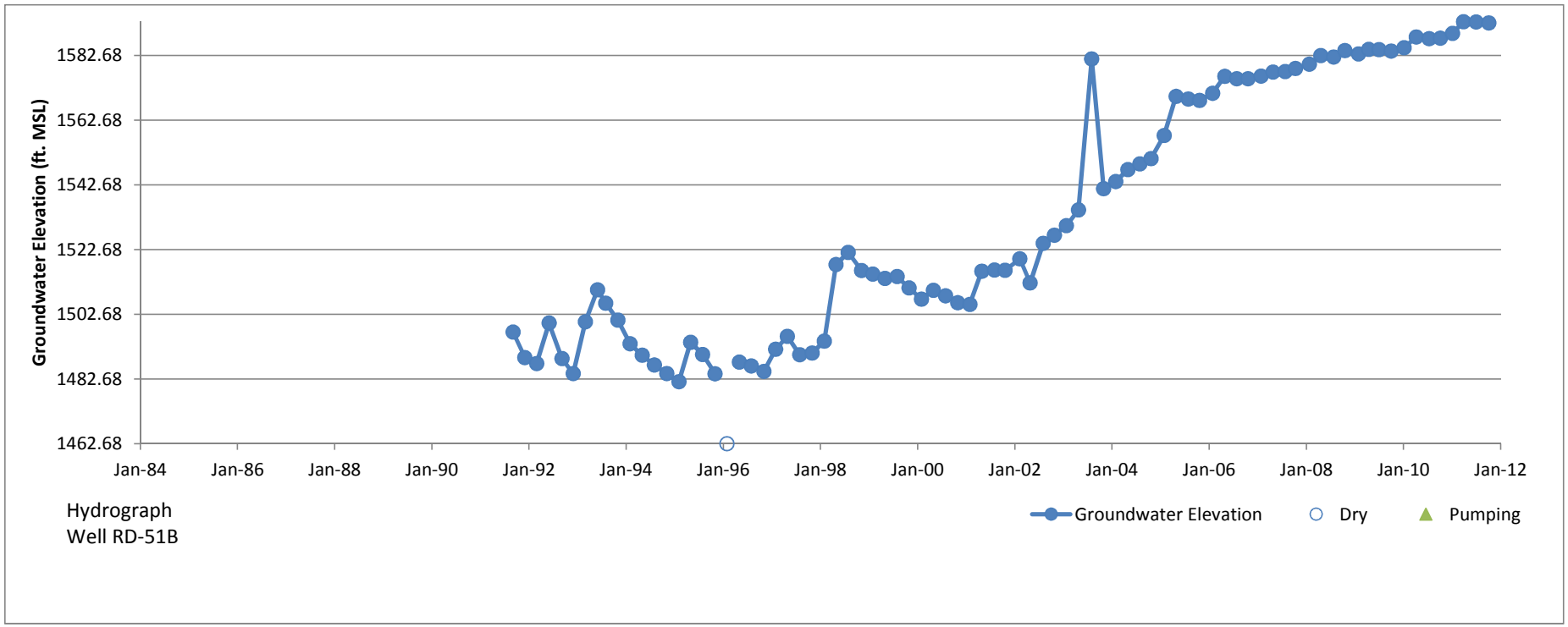

Groundwater Elevation (ft. MSL)
1649.74
1639.74
1629.74
1619.74
1609.74
1599.74
1589.74
1579.74
1569.74
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-49B
Groundwater Elevation
Dry
Pumping

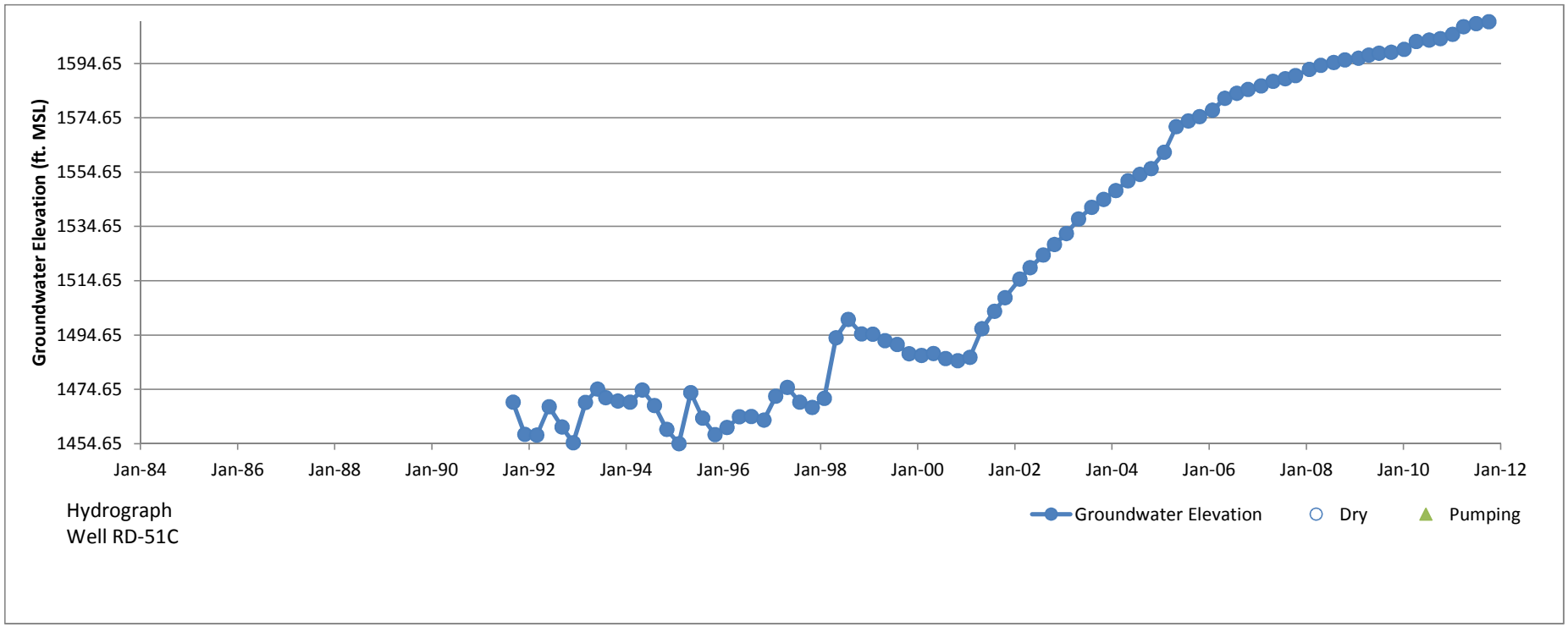

Groundwater Elevation (ft. MSL)
1615.99
1595.99
1575.99
1555.99
1535.99
1515.99
1495.99
1475.99
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-49C
Groundwater Elevation
Dry
Pumping

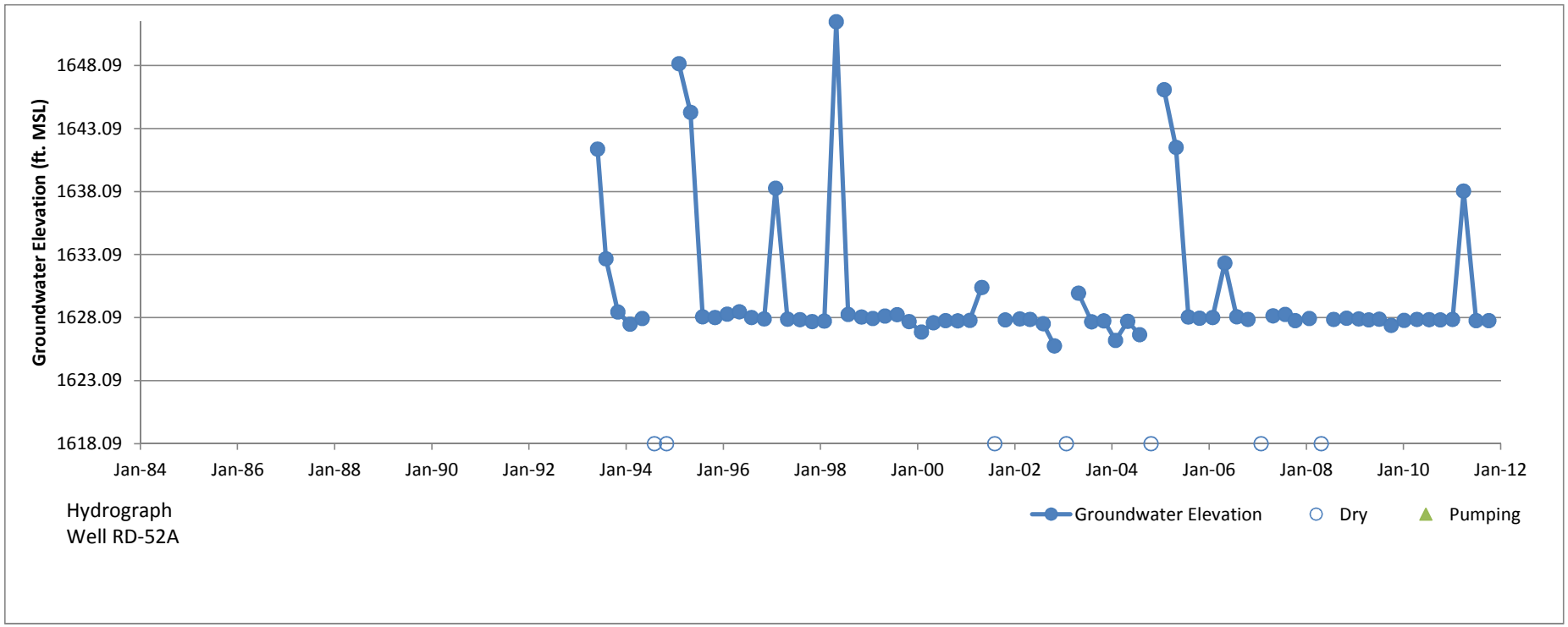


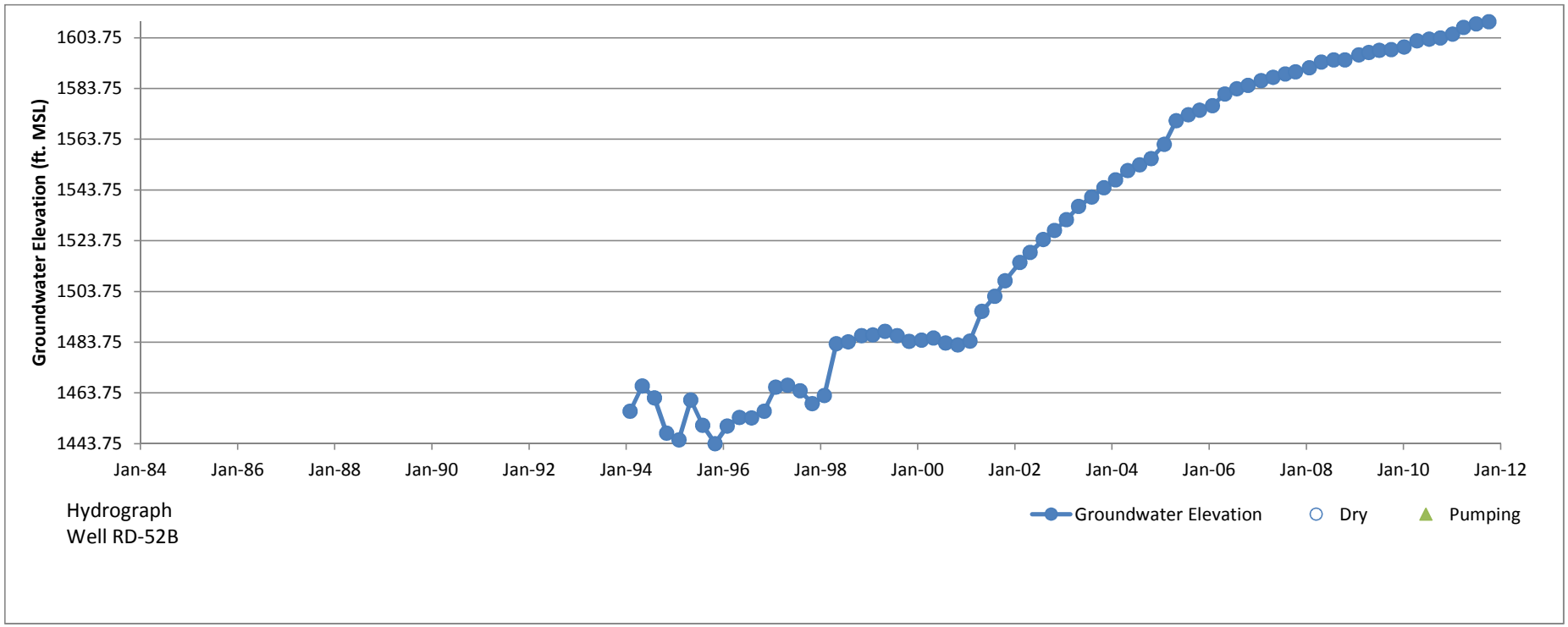
Hydrograph
Well RD-50
FLUTe installed in well on 01/15/03.

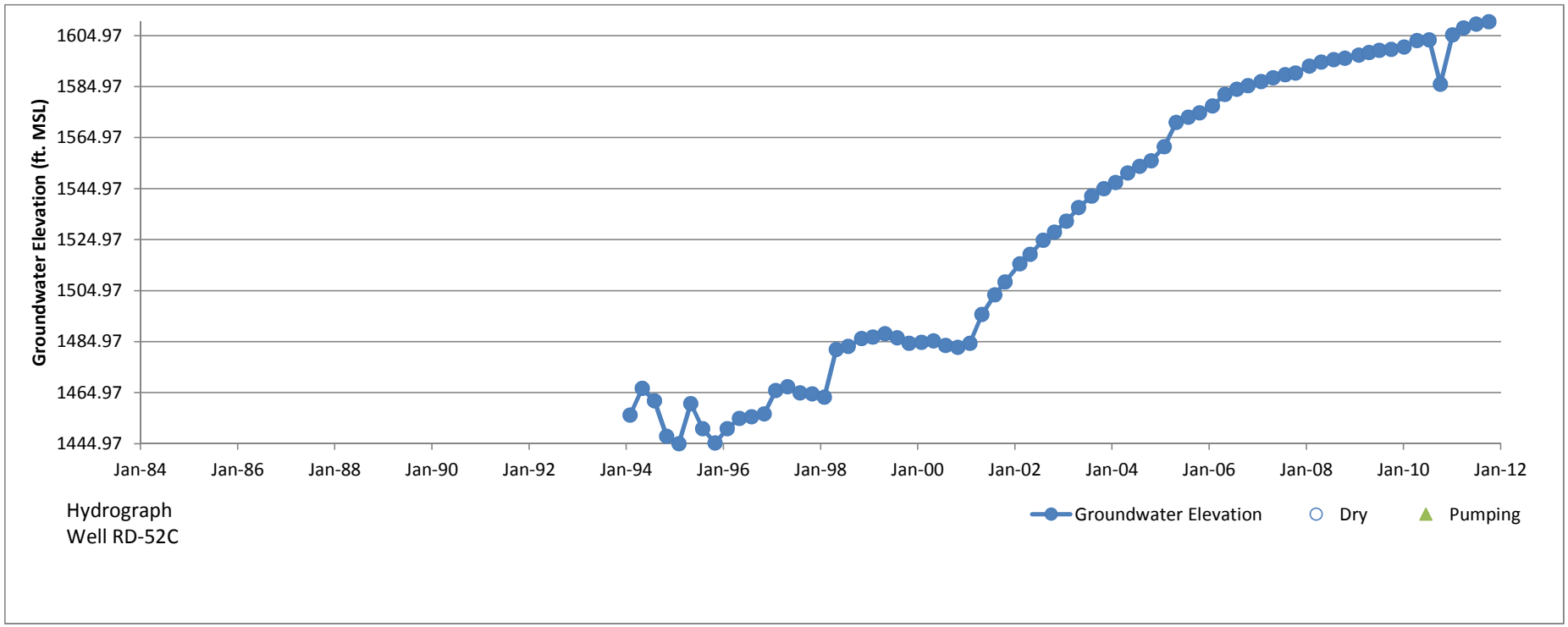

Groundwater Elevation (ft. MSL)
1593.51
1591.51
1589.51
1587.51
1585.51
1583.51
1581.51
1579.51
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-51A
Groundwater Elevation
Dry
Pumping

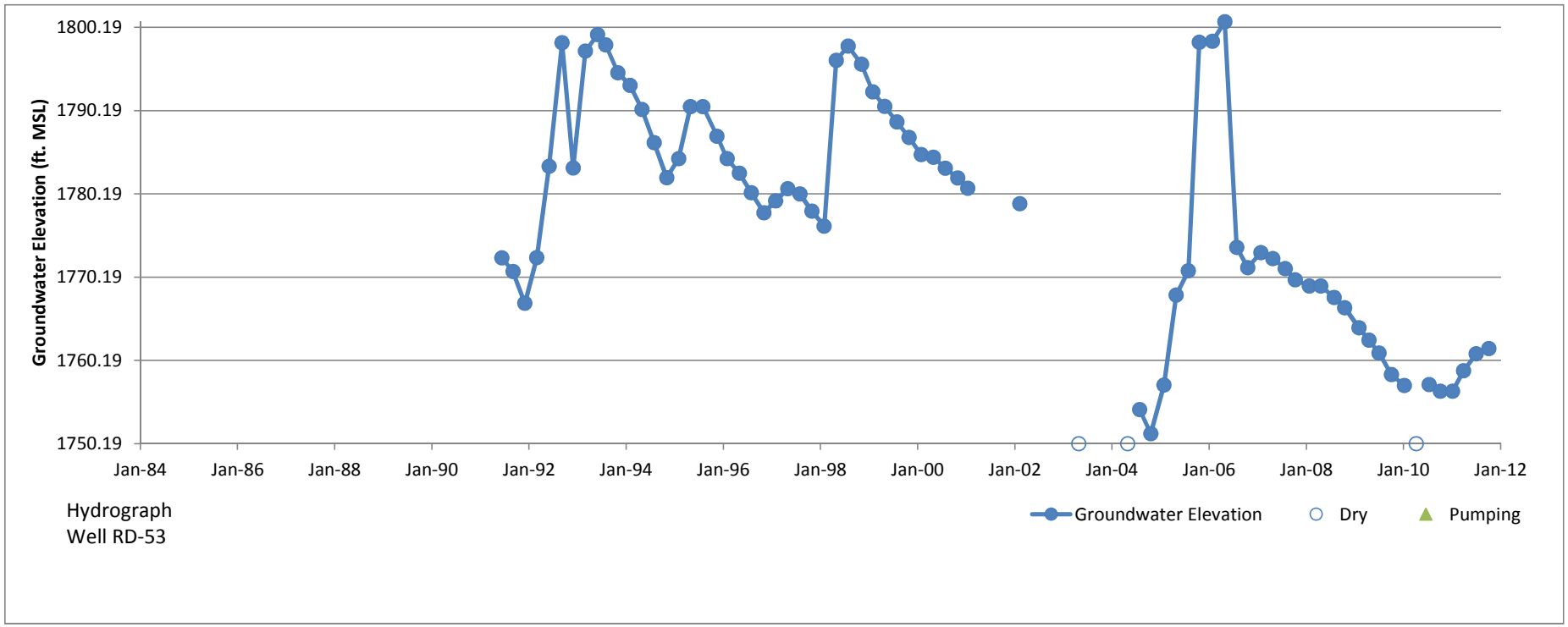

Groundwater Elevation (ft. MSL)
1582.68
1562.68
1542.68
1522.68
1502.68
1482.68
1462.68
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-51B
Groundwater Elevation
Dry
Pumping

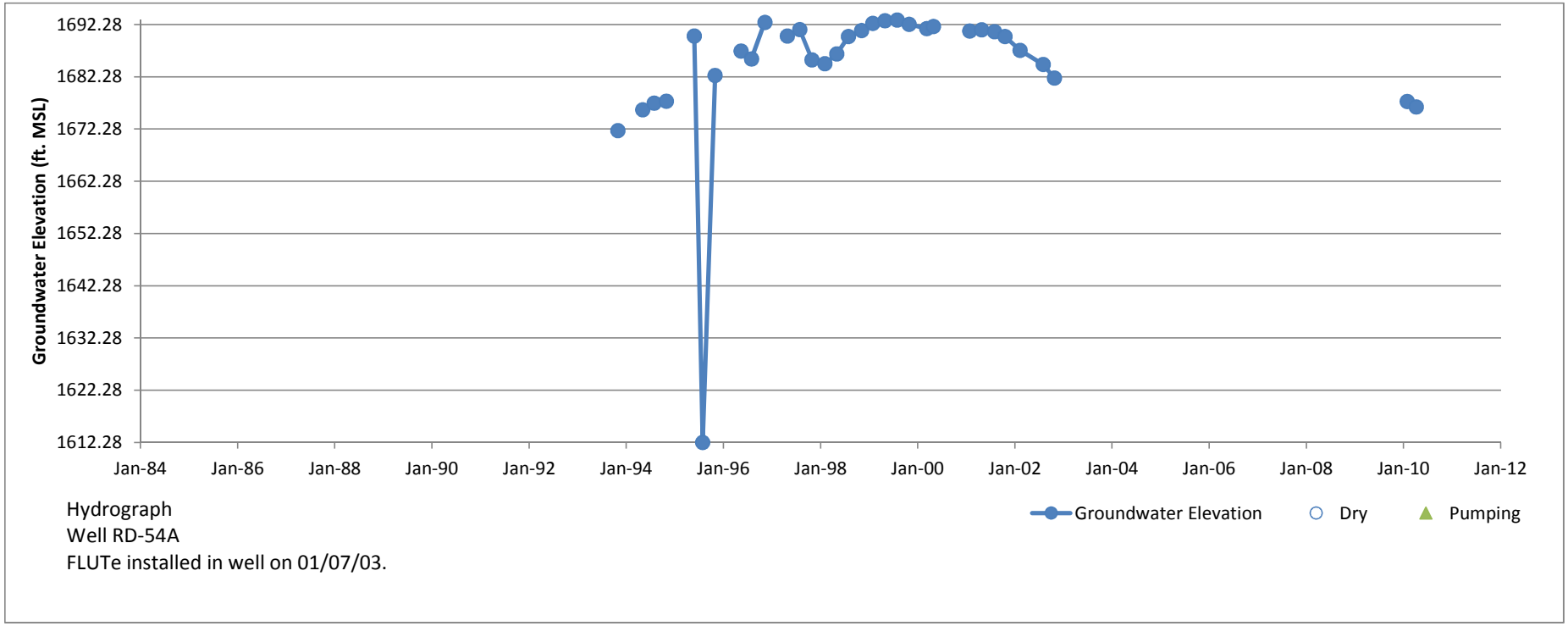

Groundwater Elevation (ft. MSL)
1594.65
1574.65
1554.65
1534.65
1514.65
1494.65
1474.65
1454.65
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-51C
Groundwater Elevation
Dry
Pumping


Groundwater Elevation (ft. MSL)
1648.09
1643.09
1638.09
1633.09
1628.09
1623.09
1618.09
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-52A
Groundwater Elevation
Dry
Pumping

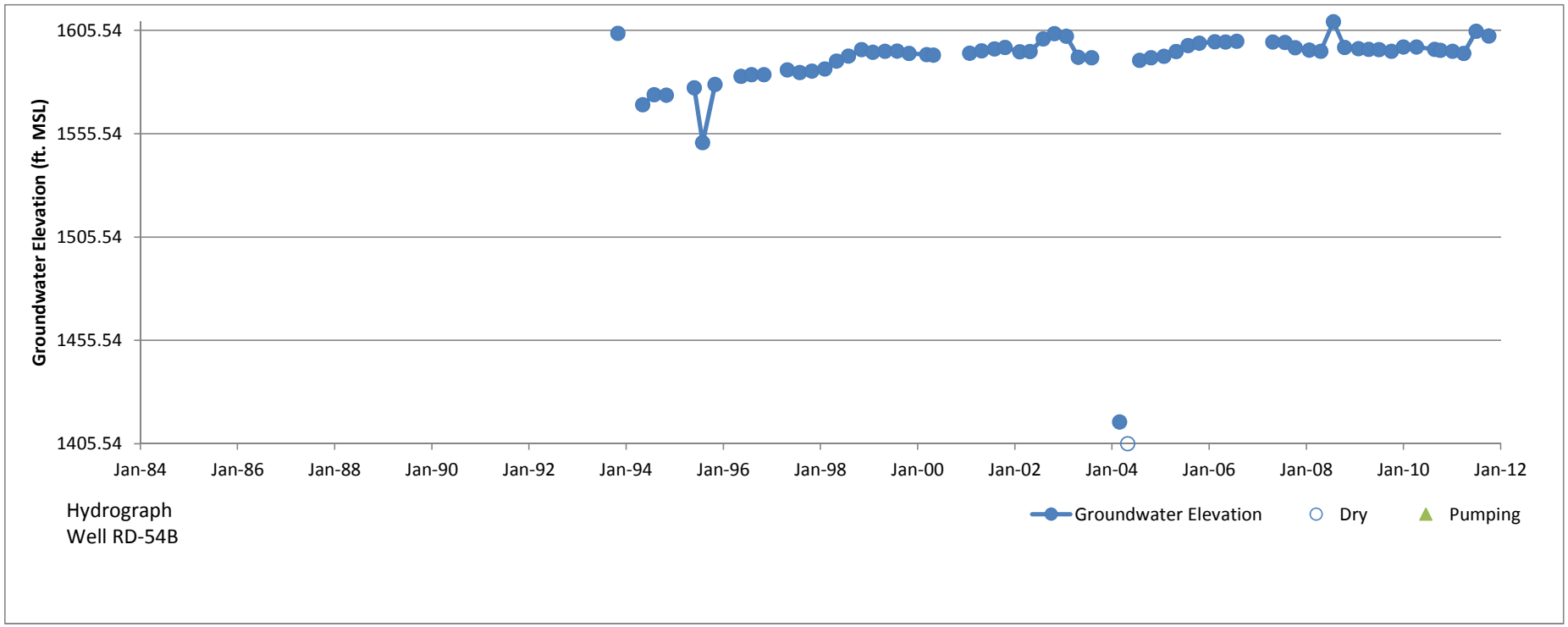

Groundwater Elevation (ft. MSL)
1603.75
1583.75
1563.75
1543.75
1523.75
1503.75
1483.75
1463.75
1443.75
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-52B
Groundwater Elevation
Dry
Pumping

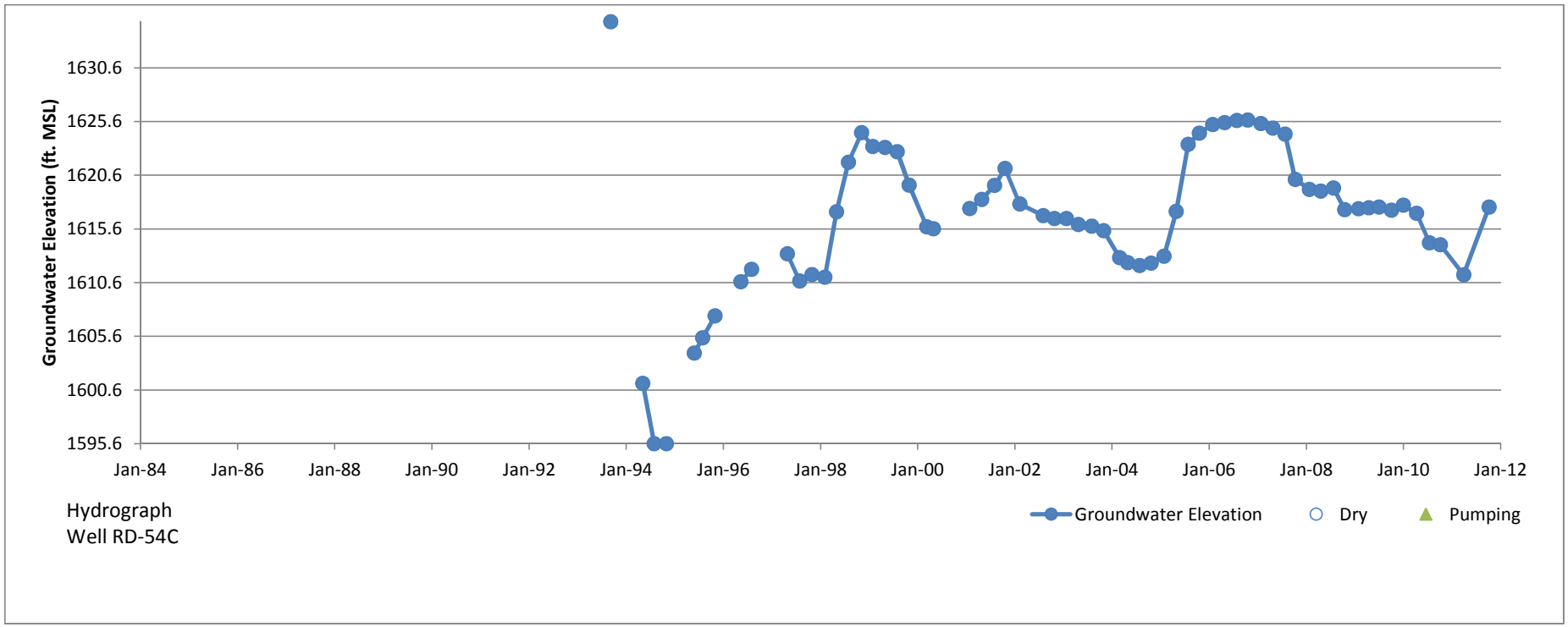

Groundwater Elevation (ft. MSL)
1604.97
1584.97
1564.97
1544.97
1524.97
1504.97
1484.97
1464.97
1444.97
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-52C
Groundwater Elevation
Dry
Pumping

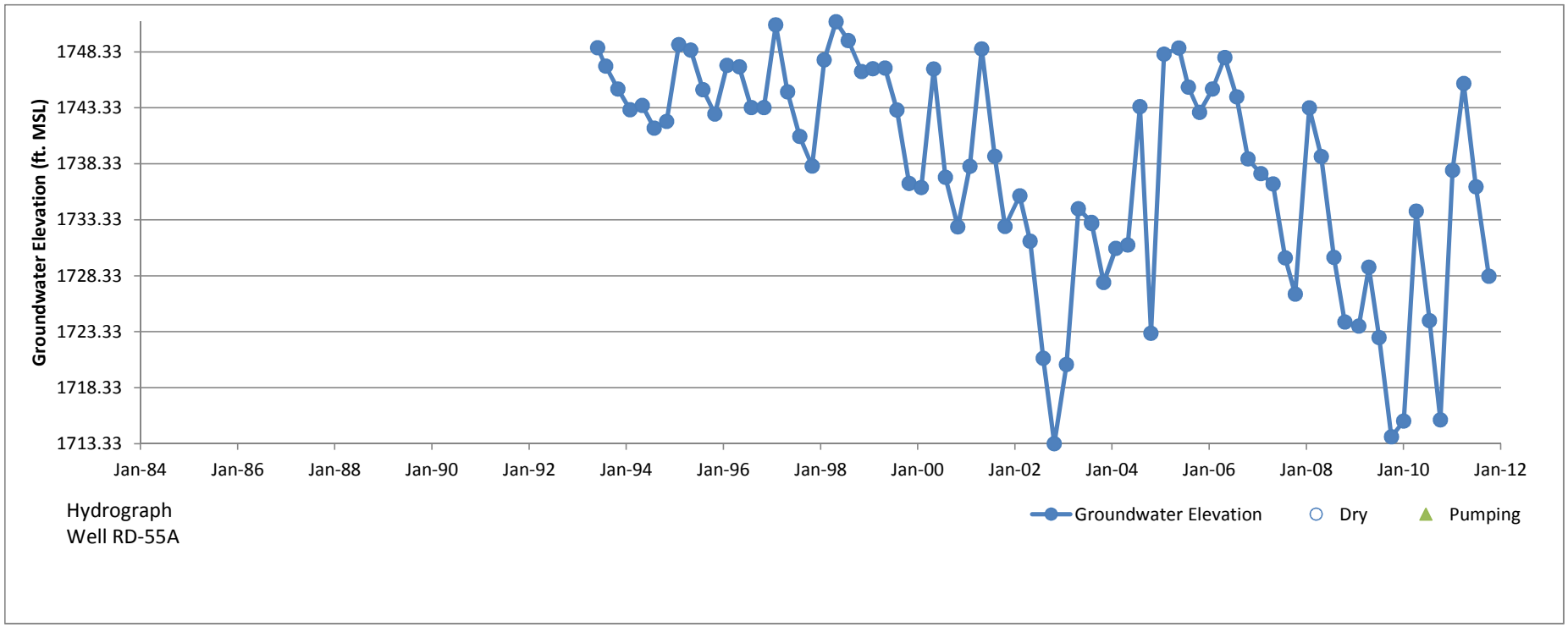

1800.19
1790.19
1780.19
1770.19
1760.19
1750.19
Groundwater Elevation (ft. MSL)
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-53
Groundwater Elevation
Dry
Pumping

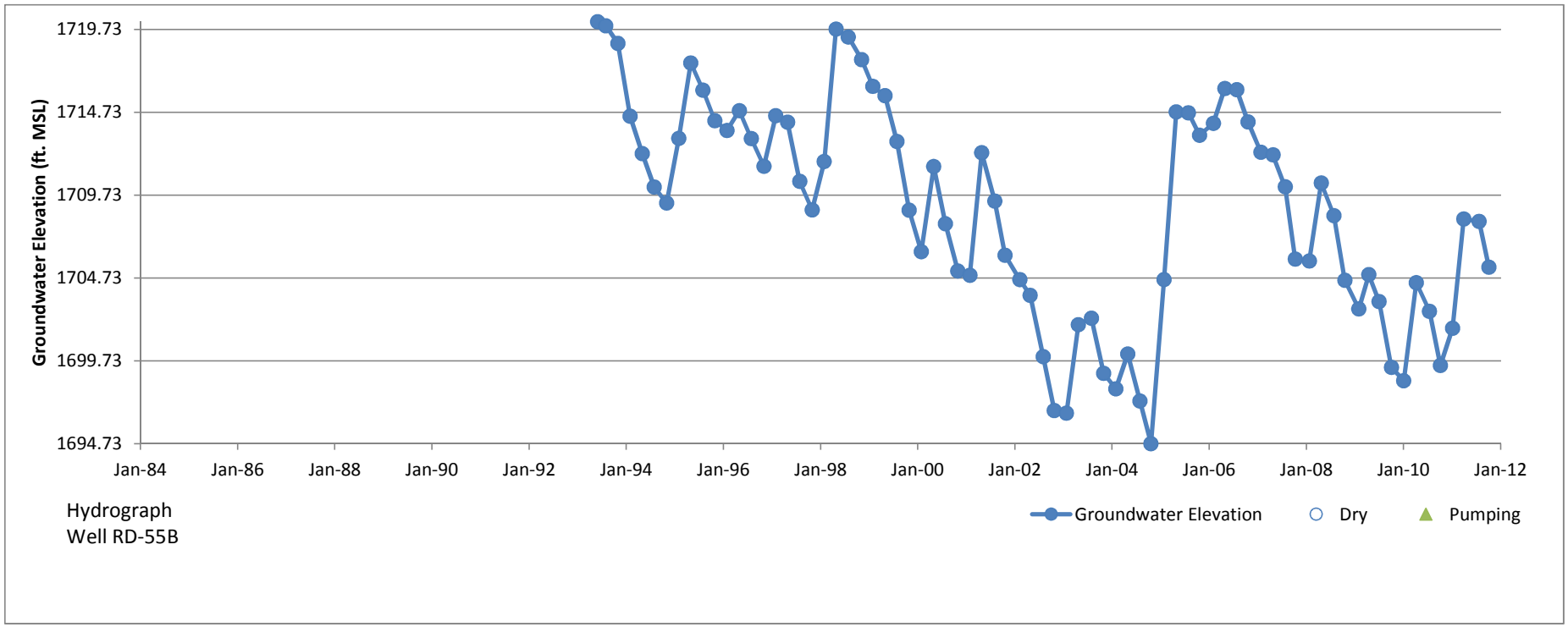


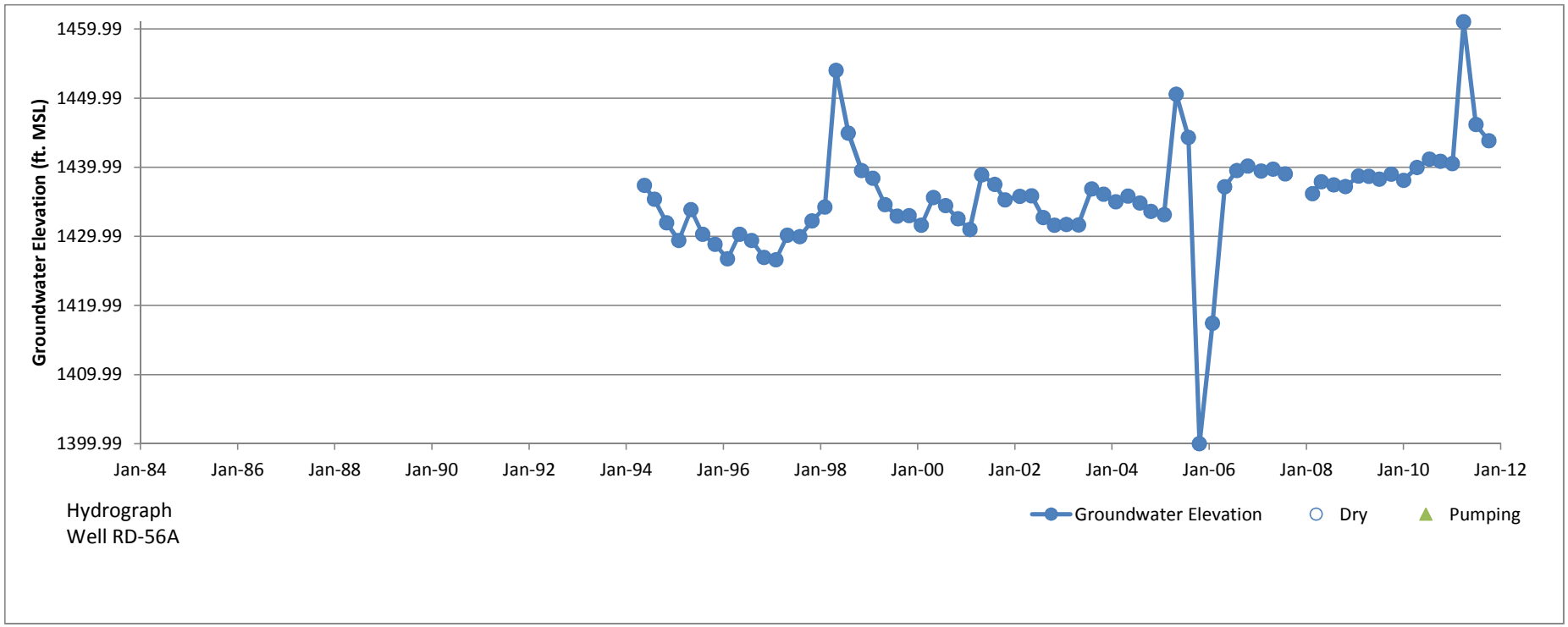
Hydrograph
Well RD-54A
FLUTe installed in well on 01/07/03.

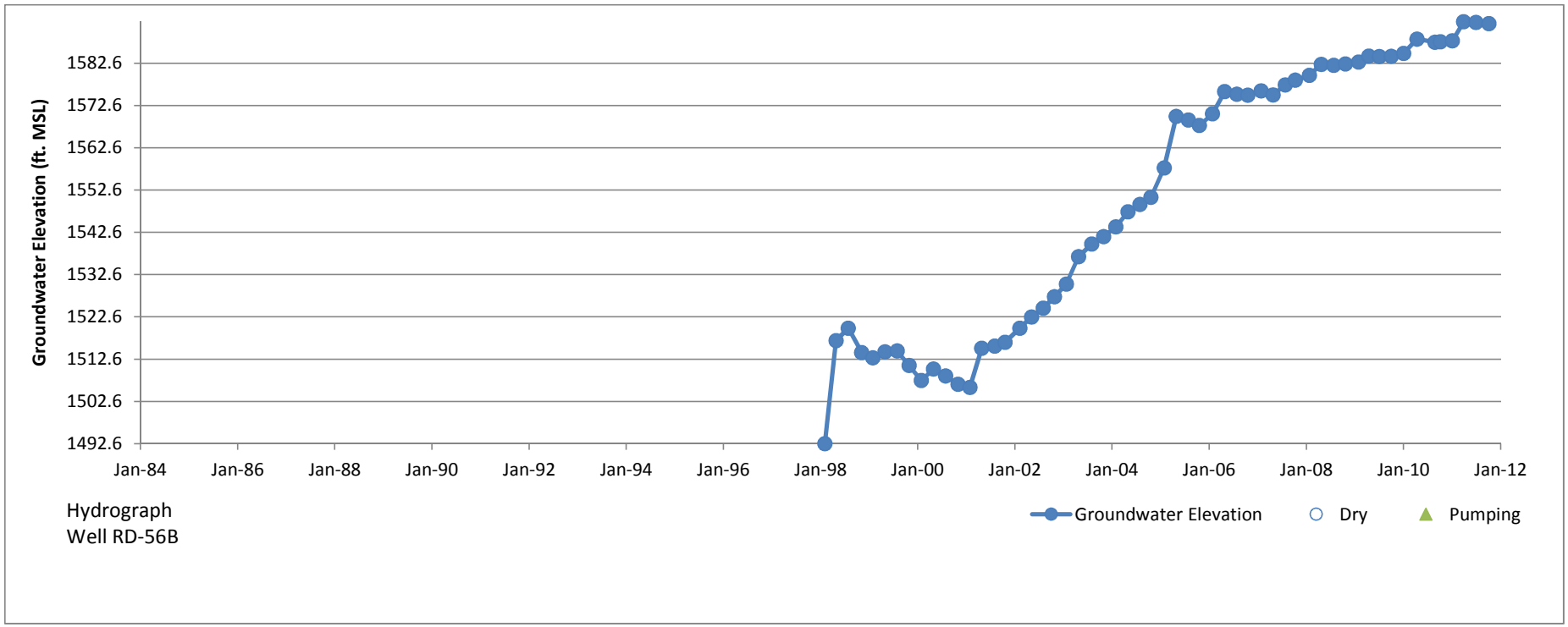

Groundwater Elevation (ft. MSL)
1605.54
1555.54
1505.54
1455.54
1405.54
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-54B
Groundwater Elevation
Dry
Pumping

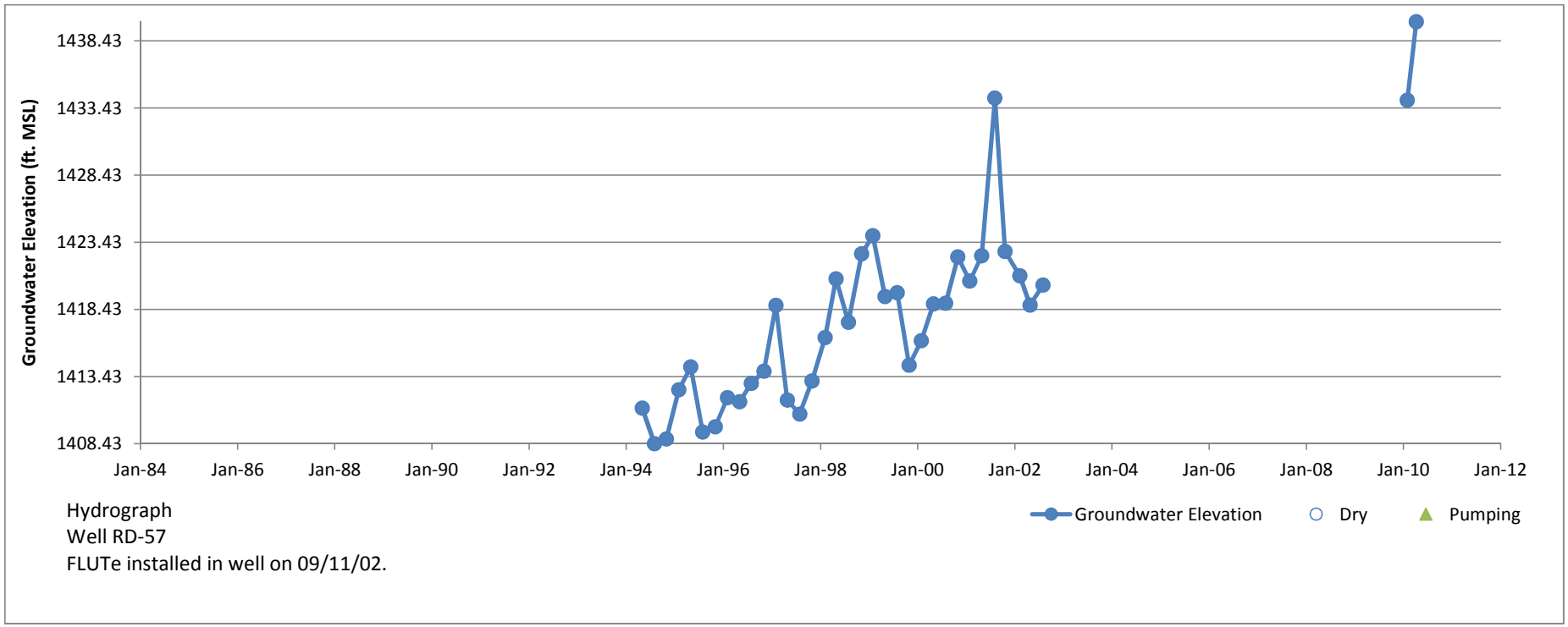

Groundwater Elevation (ft. MSL)
1630.6
1625.6
1620.6
1615.6
1610.6
1605.6
1600.6
1595.6
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-54C
Groundwater Elevation
Dry
Pumping


Groundwater Elevation (ft. MSL)
1748.33
1743.33
1738.33
1733.33
1728.33
1723.33
1718.33
1713.33
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-55A
Groundwater Elevation
Dry
Pumping

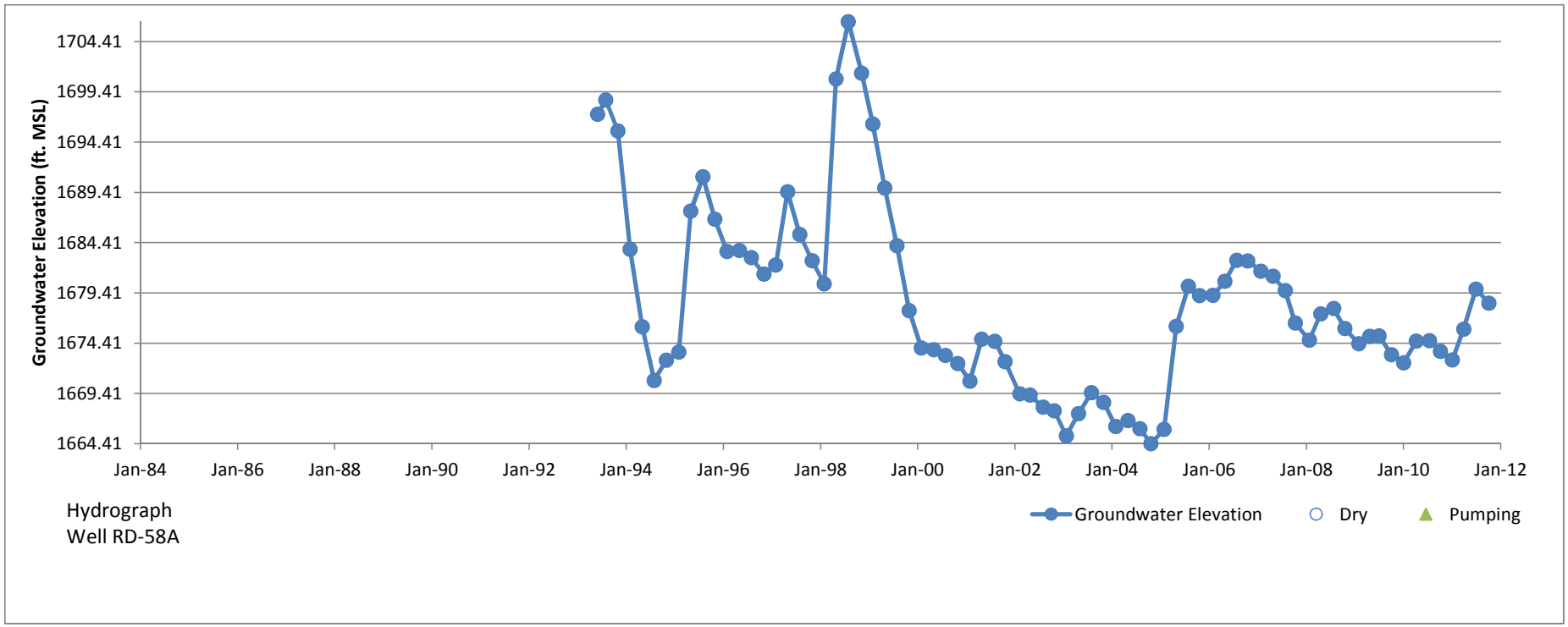

Groundwater Elevation (ft. MSL)
1719.73
1714.73
1709.73
1704.73
1699.73
1694.73
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-55B
Groundwater Elevation
Dry
Pumping

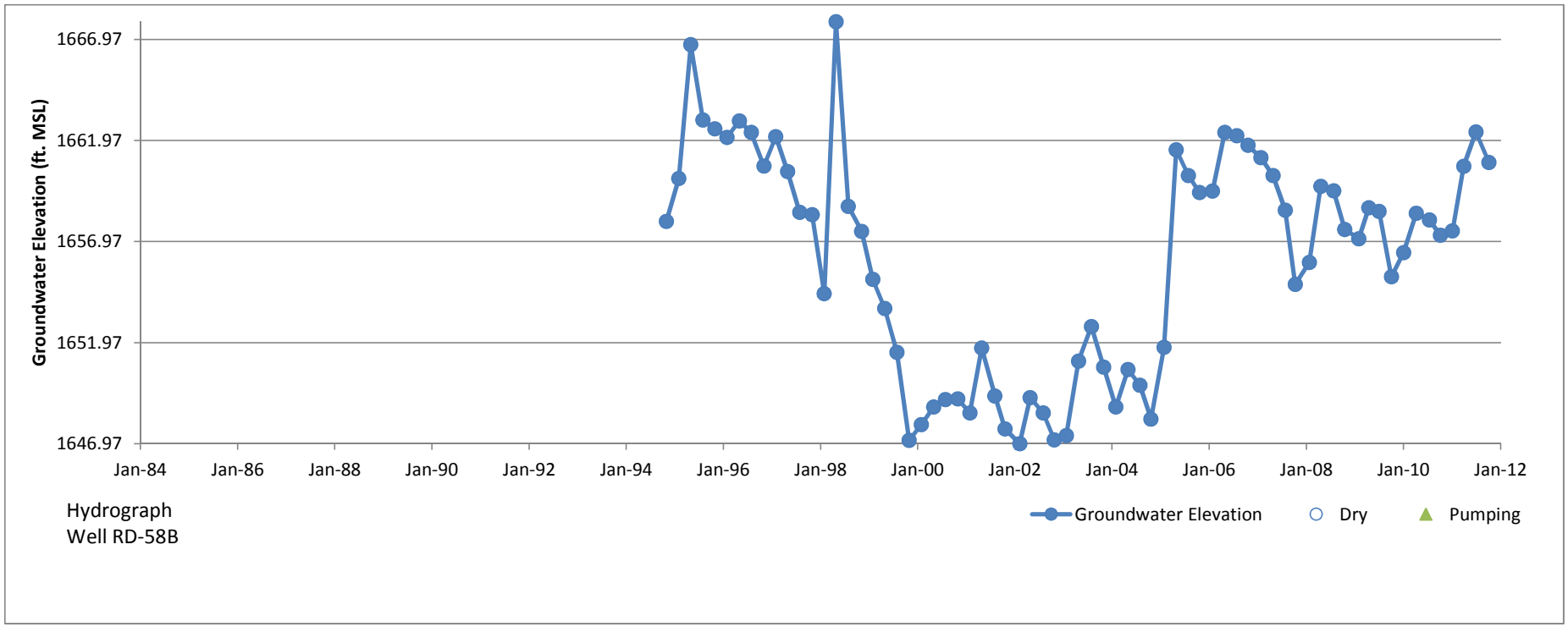

Groundwater Elevation (ft. MSL)
1459.99
1449.99
1439.99
1429.99
1419.99
1409.99
1399.99
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-56A
Groundwater Elevation
Dry
Pumping

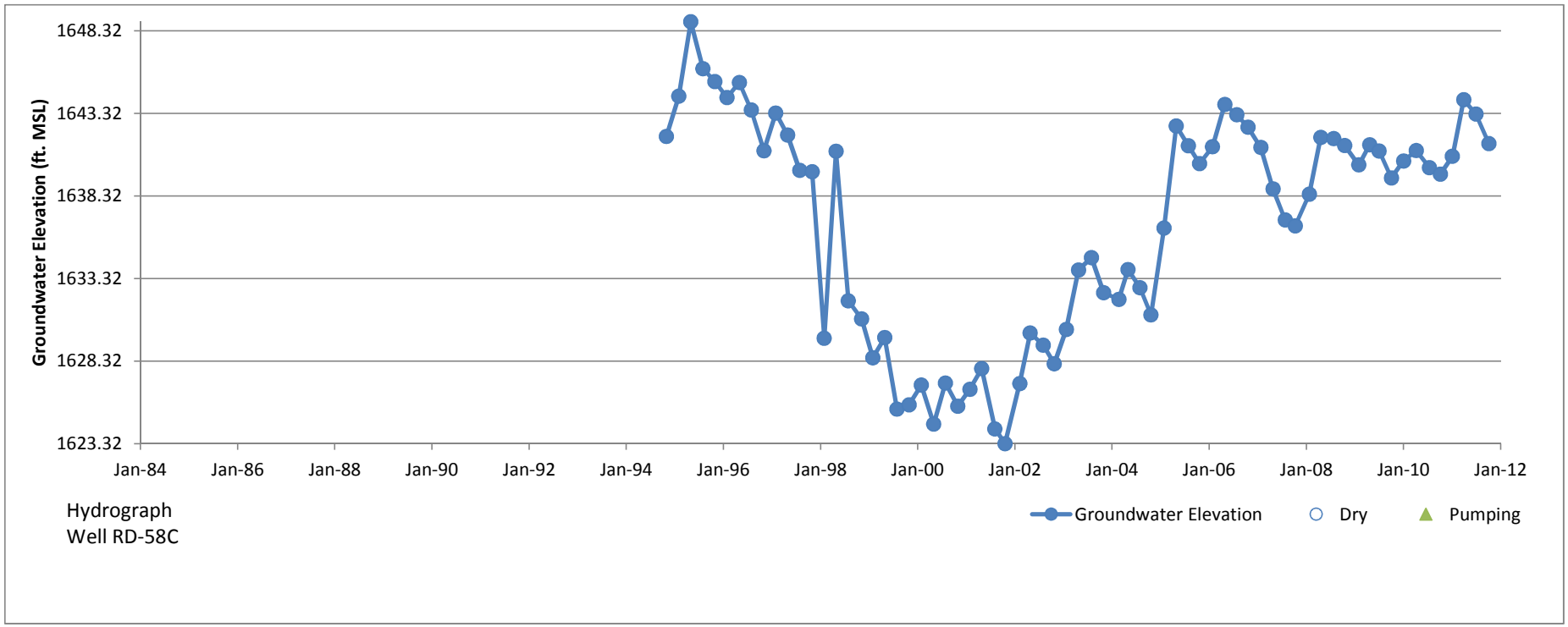

Groundwater Elevation (ft. MSL)
1582.6
1572.6
1562.6
1552.6
1542.6
1532.6
1522.6
1512.6
1502.6
1492.6
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-56B
Groundwater Elevation
Dry
Pumping

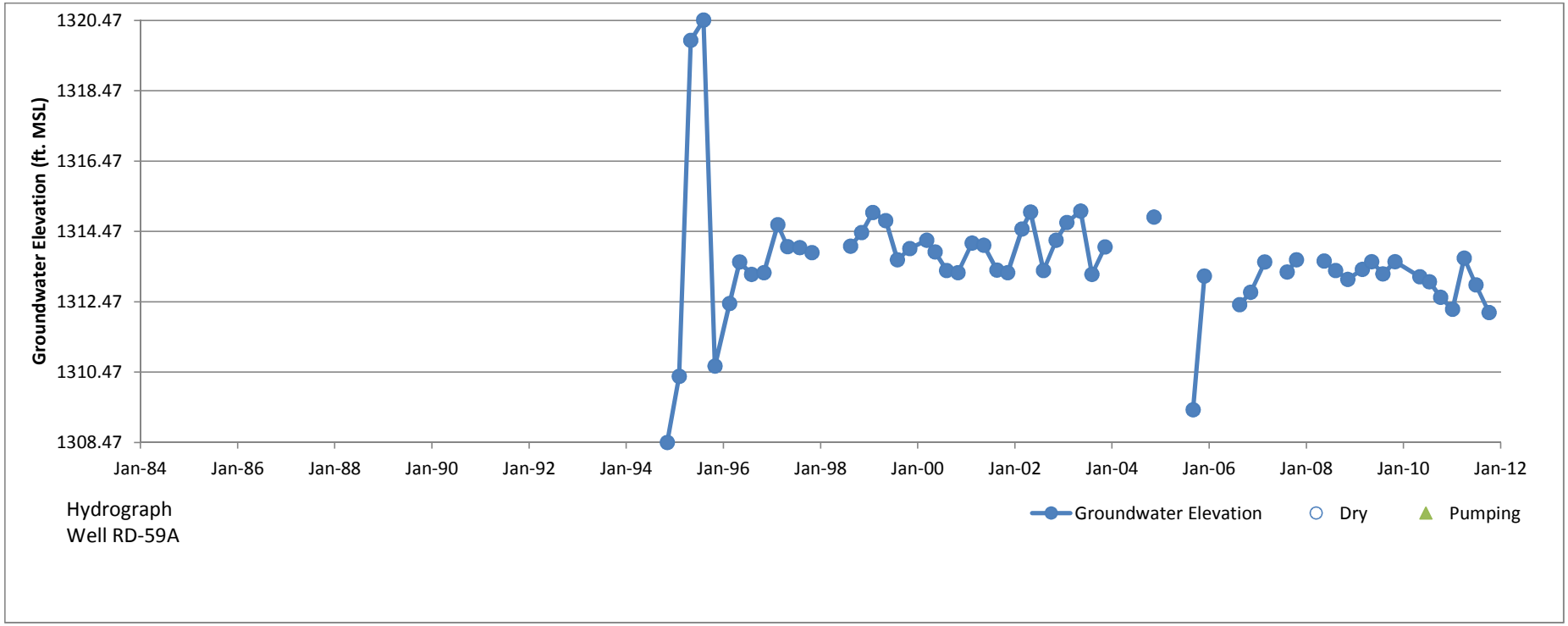


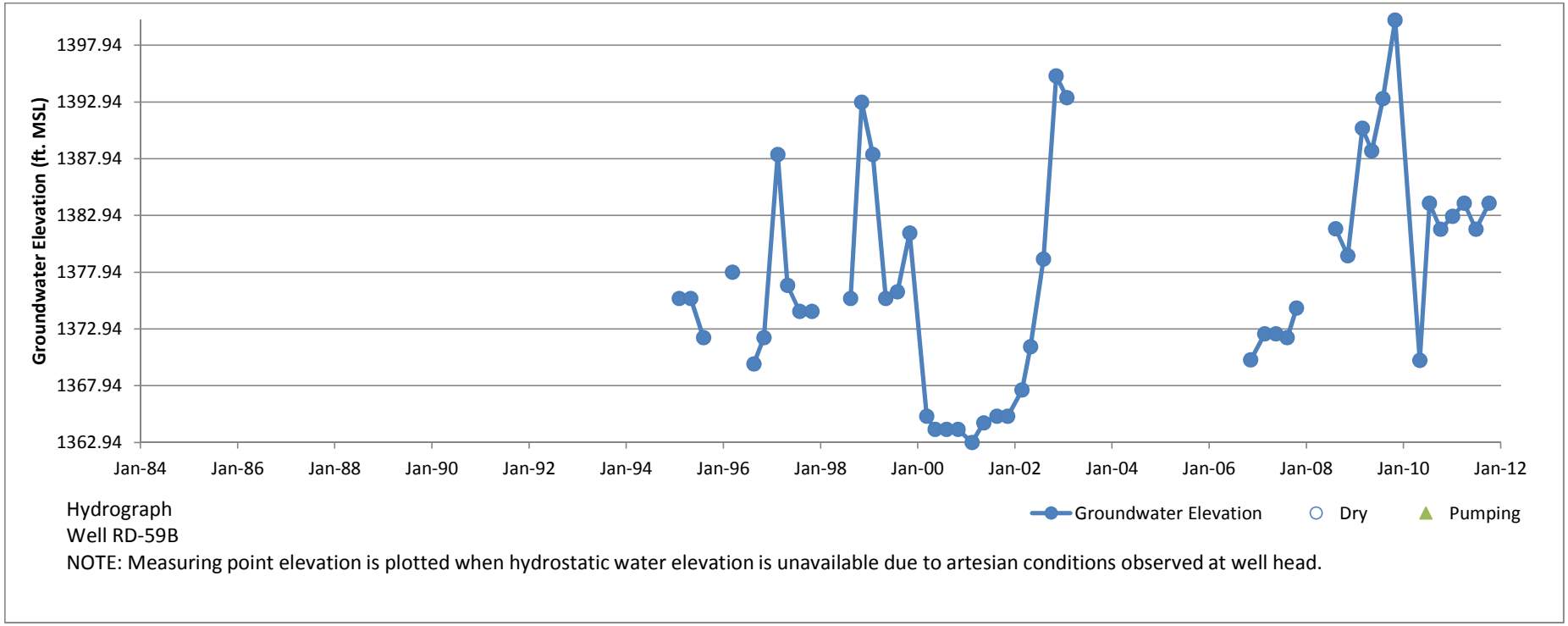
Hydrograph
Well RD-57
FLUTe installed in well on 09/11/02.


Groundwater Elevation (ft. MSL)
1704.41
1699.41
1694.41
1689.41
1684.41
1679.41
1674.41
1669.41
1664.41
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-58A
Groundwater Elevation
Dry
Pumping

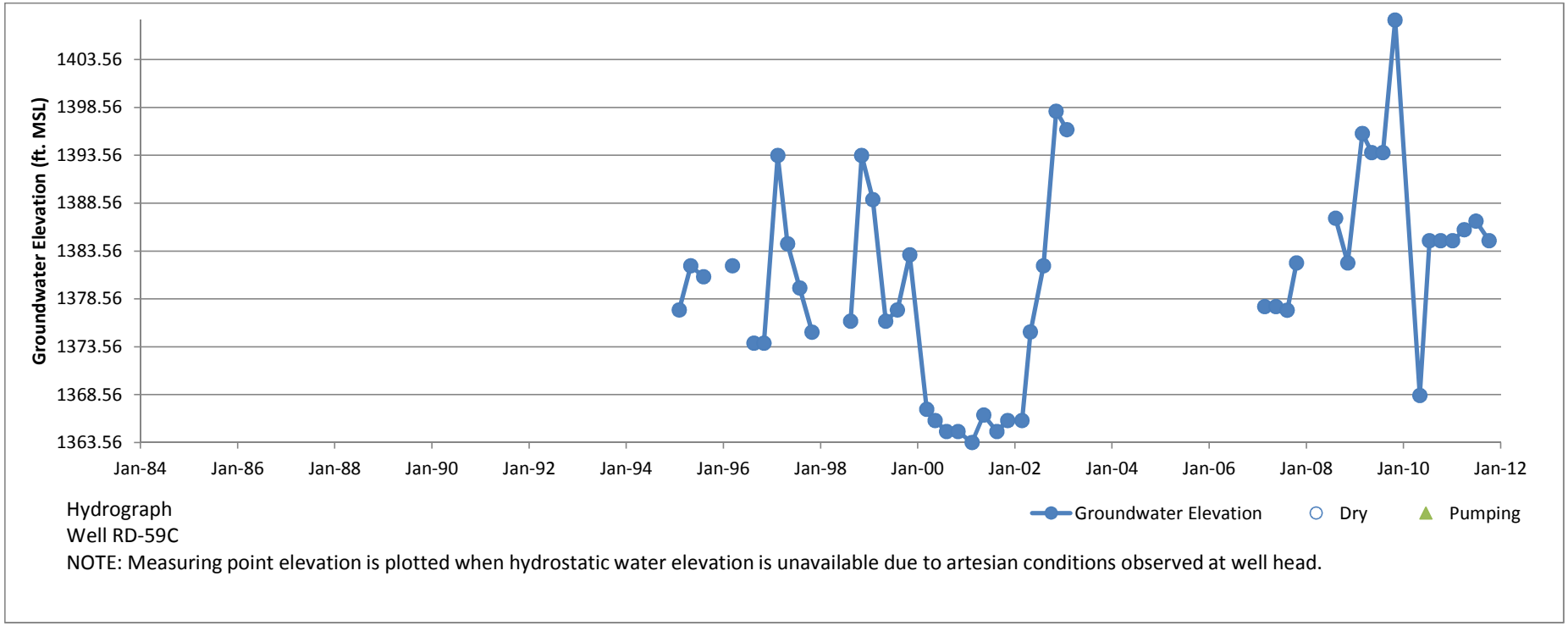

Groundwater Elevation (ft. MSL)
1666.97
1661.97
1656.97
1651.97
1646.97
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-58B
Groundwater Elevation
Dry
Pumping


Groundwater Elevation (ft. MSL)
1648.32
1643.32
1638.32
1633.32
1628.32
1623.32
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-58C
Groundwater Elevation
Dry
Pumping

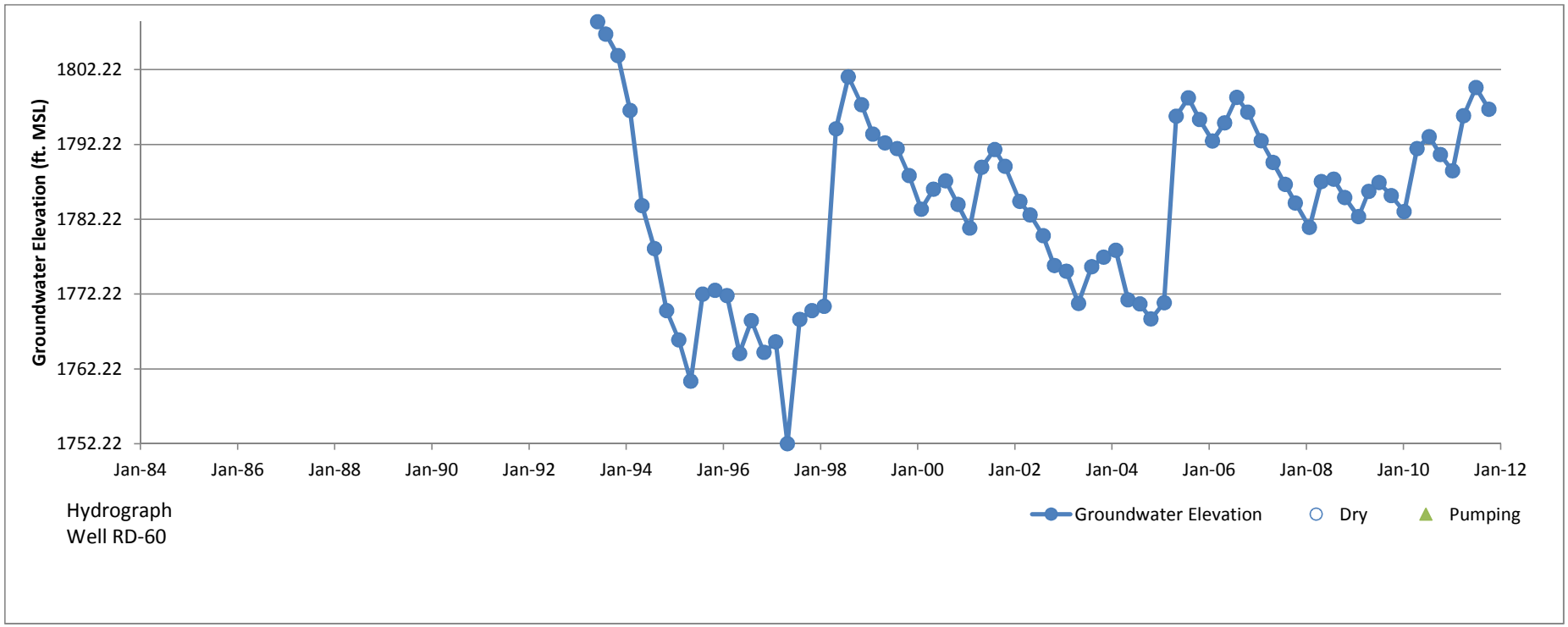

Groundwater Elevation (ft. MSL)
1320.47
1318.47
1316.47
1314.47
1312.47
1310.47
1308.47
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-59A
Groundwater Elevation
Dry
Pumping

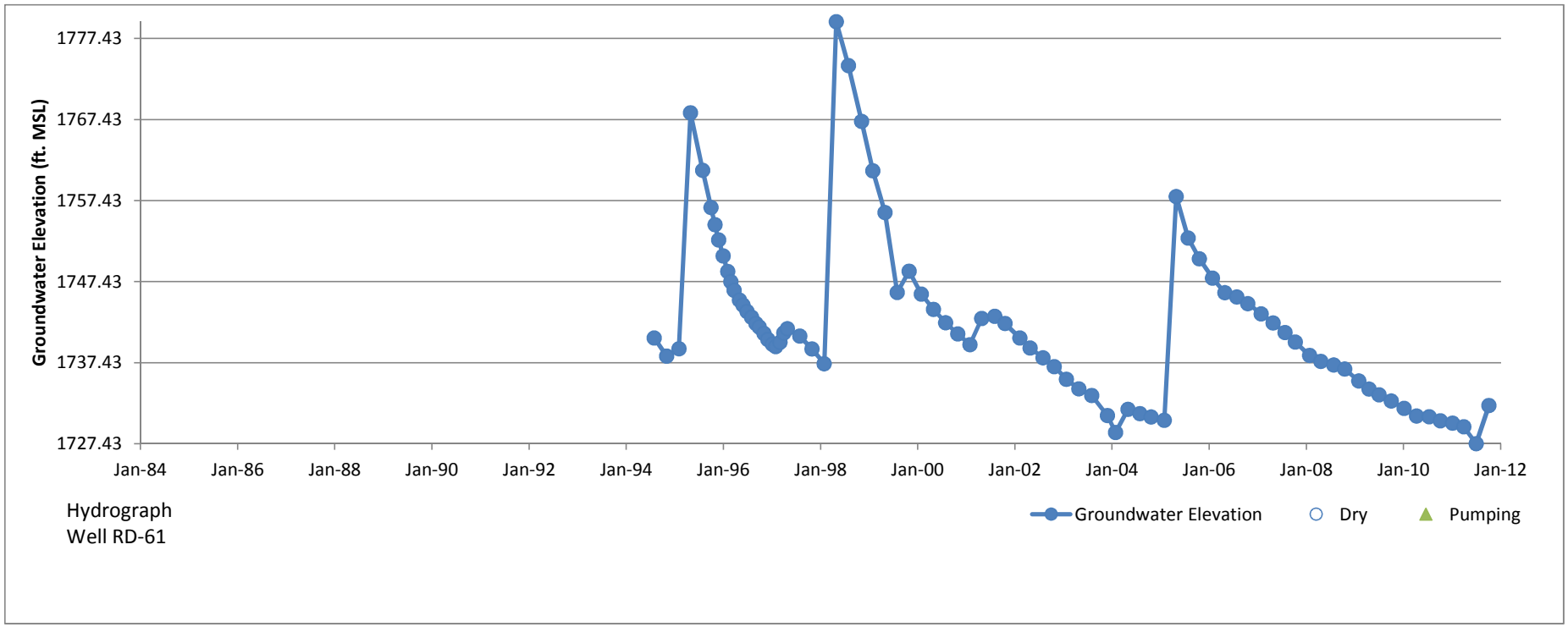


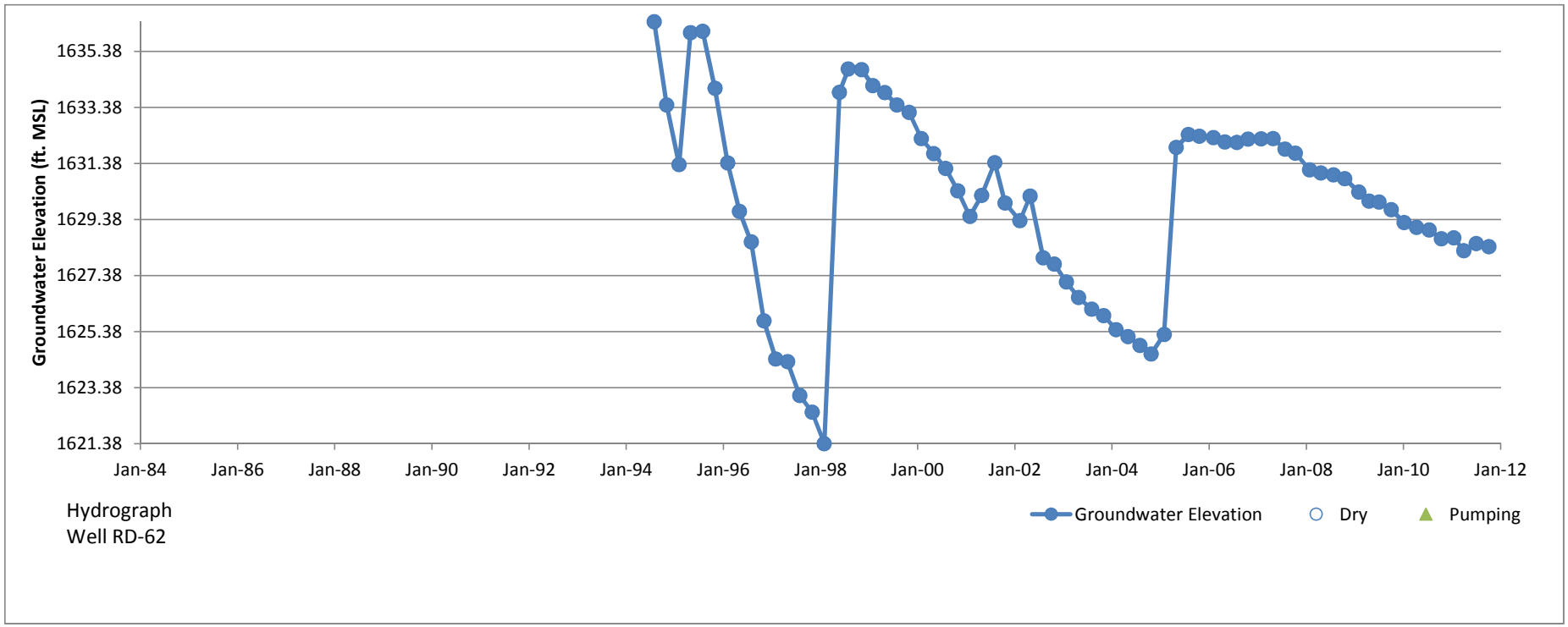
Hydrograph
Well RD-59B
NOTE: Measuring point elevation is plotted when hydrostatic water elevation is unavailable due to artesian conditions observed at well head.

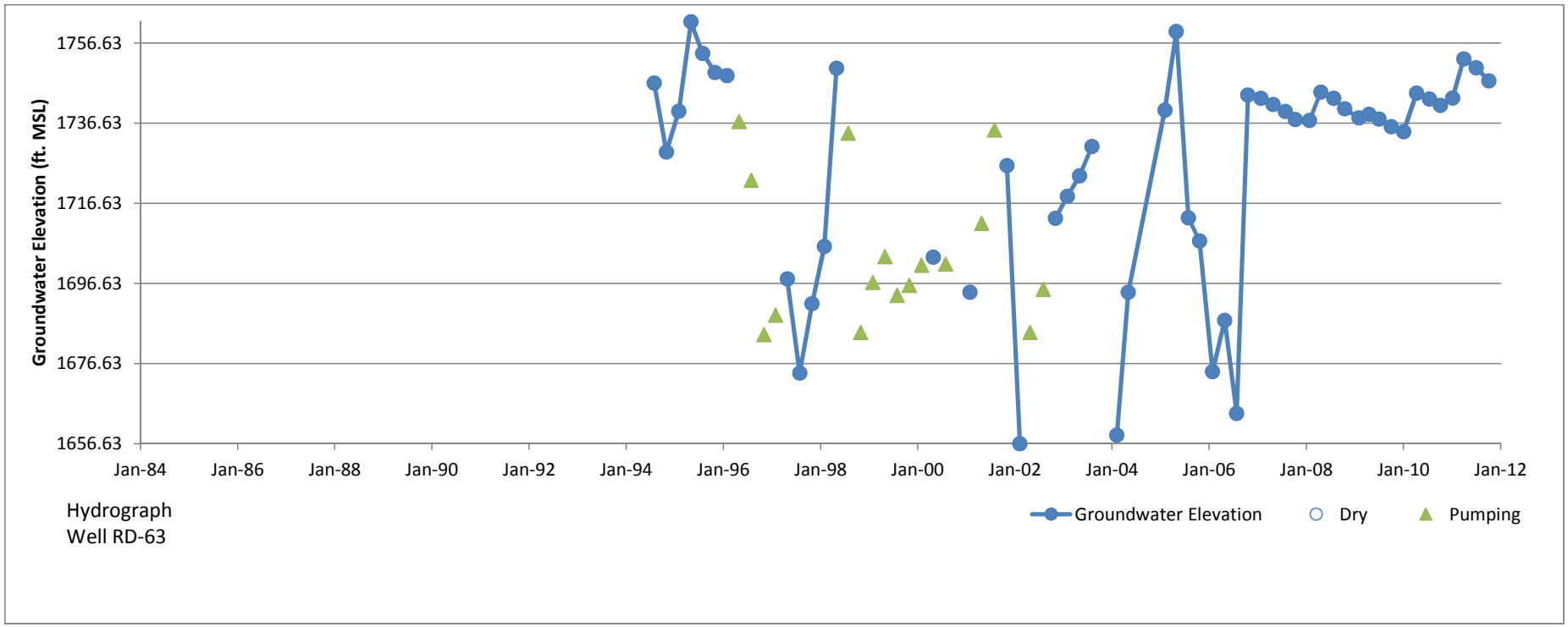


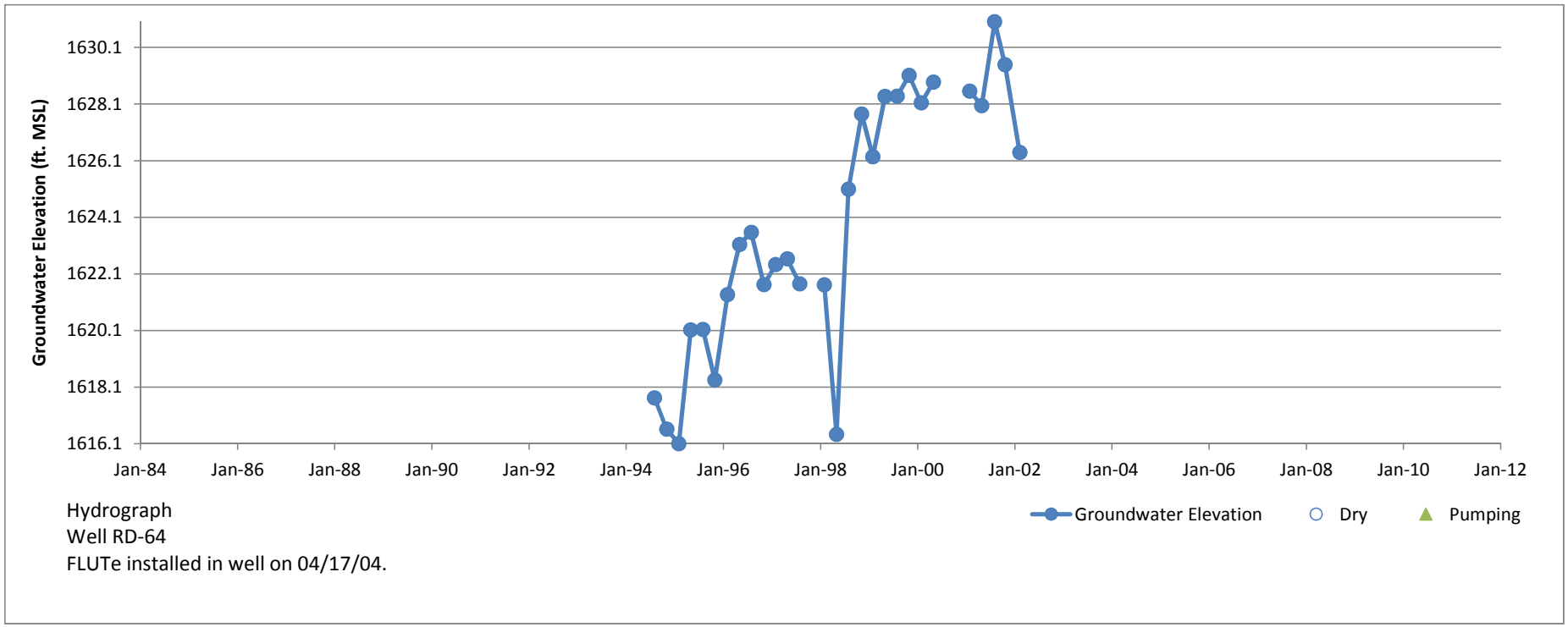
Hydrograph
Well RD-59C
NOTE: Measuring point elevation is plotted when hydrostatic water elevation is unavailable due to artesian conditions observed at well head.


Groundwater Elevation (ft. MSL)
1802.22
1792.22
1782.22
1772.22
1762.22
1752.22
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-60
Groundwater Elevation
Dry
Pumping

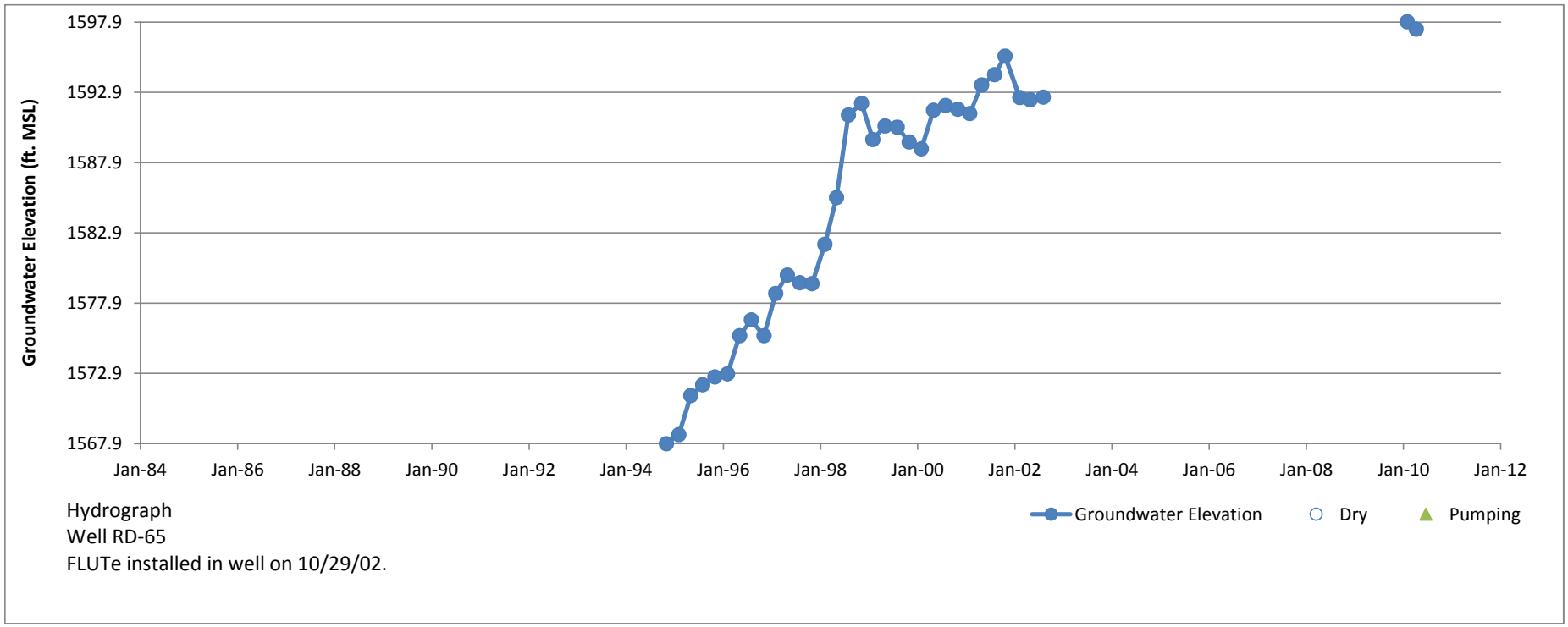

Groundwater Elevation (ft. MSL)
1777.43
1767.43
1757.43
1747.43
1737.43
1727.43
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-61
Groundwater Elevation
Dry
Pumping


Groundwater Elevation (ft. MSL)
1635.38
1633.38
1631.38
1629.38
1627.38
1625.38
1623.38
1621.38
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-62
Groundwater Elevation
Dry
Pumping

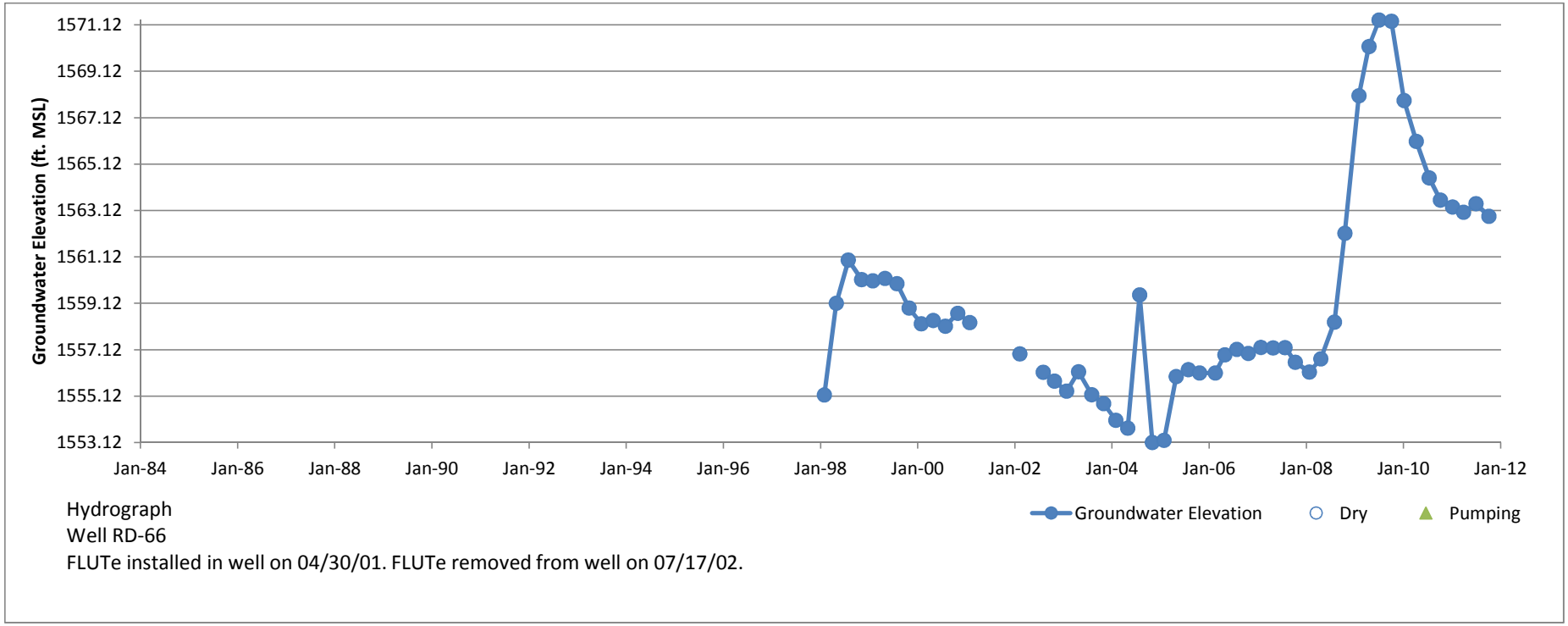

Groundwater Elevation (ft. MSL)
1756.63
1736.63
1716.63
1696.63
1676.63
1656.63
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-63
Groundwater Elevation
Dry
Pumping



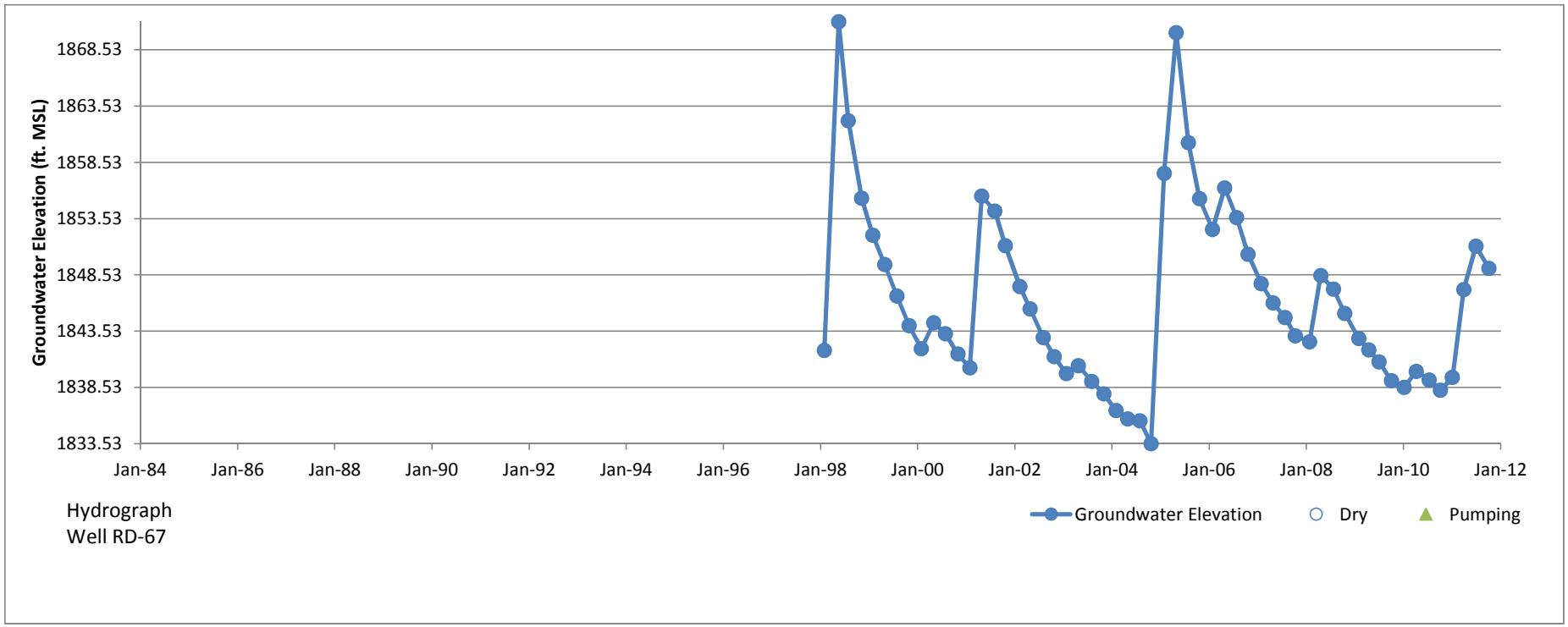
Hydrograph
Well RD-64
FLUTe installed in well on 04/17/04.

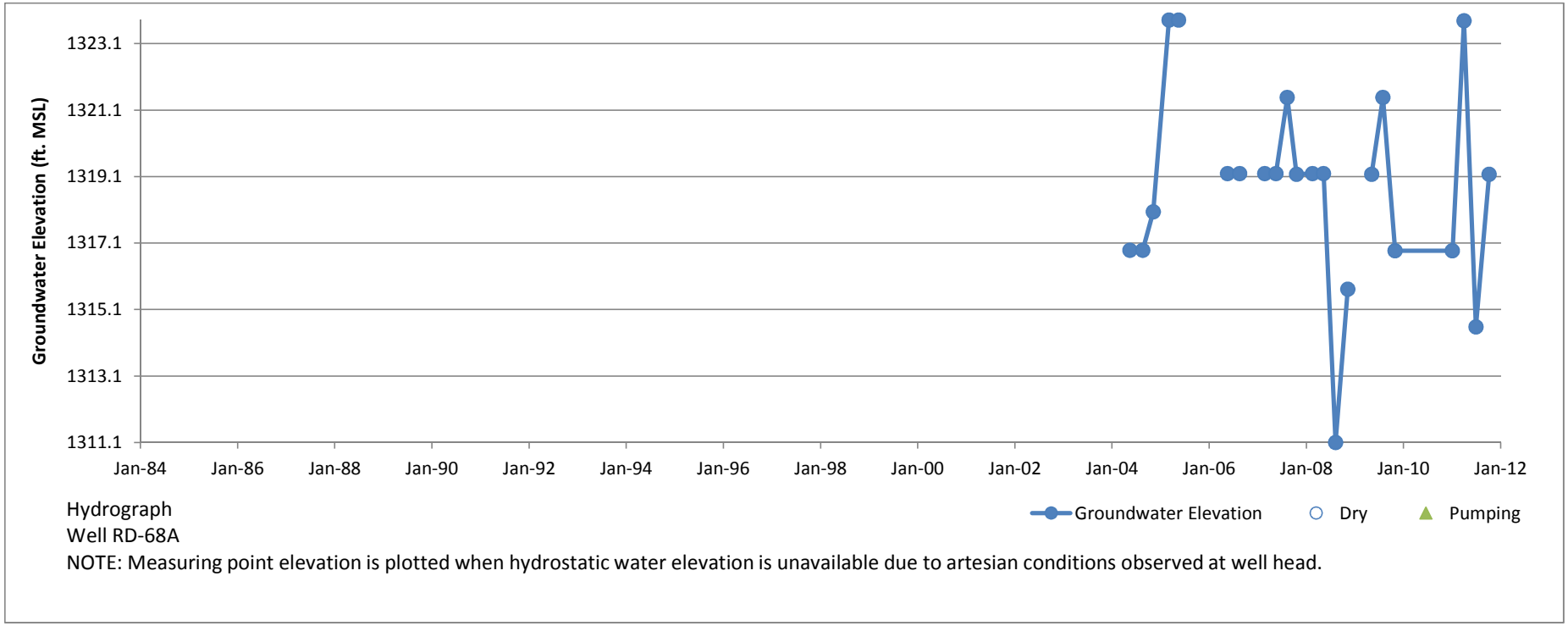


Hydrograph
Well RD-65
FLUTe installed in well on 10/29/02.

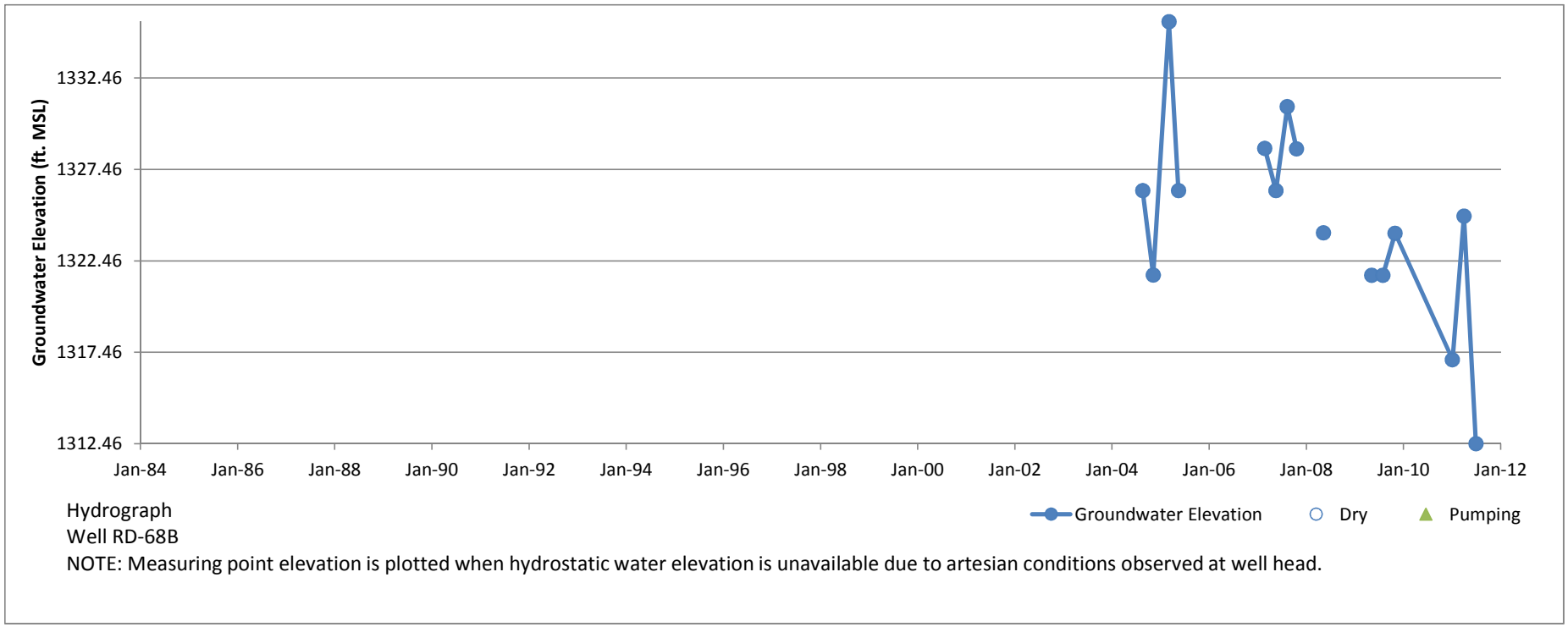


Hydrograph
Well RD-66
FLUTe installed in well on 04/30/01. FLUTe removed from well on 07/17/02.

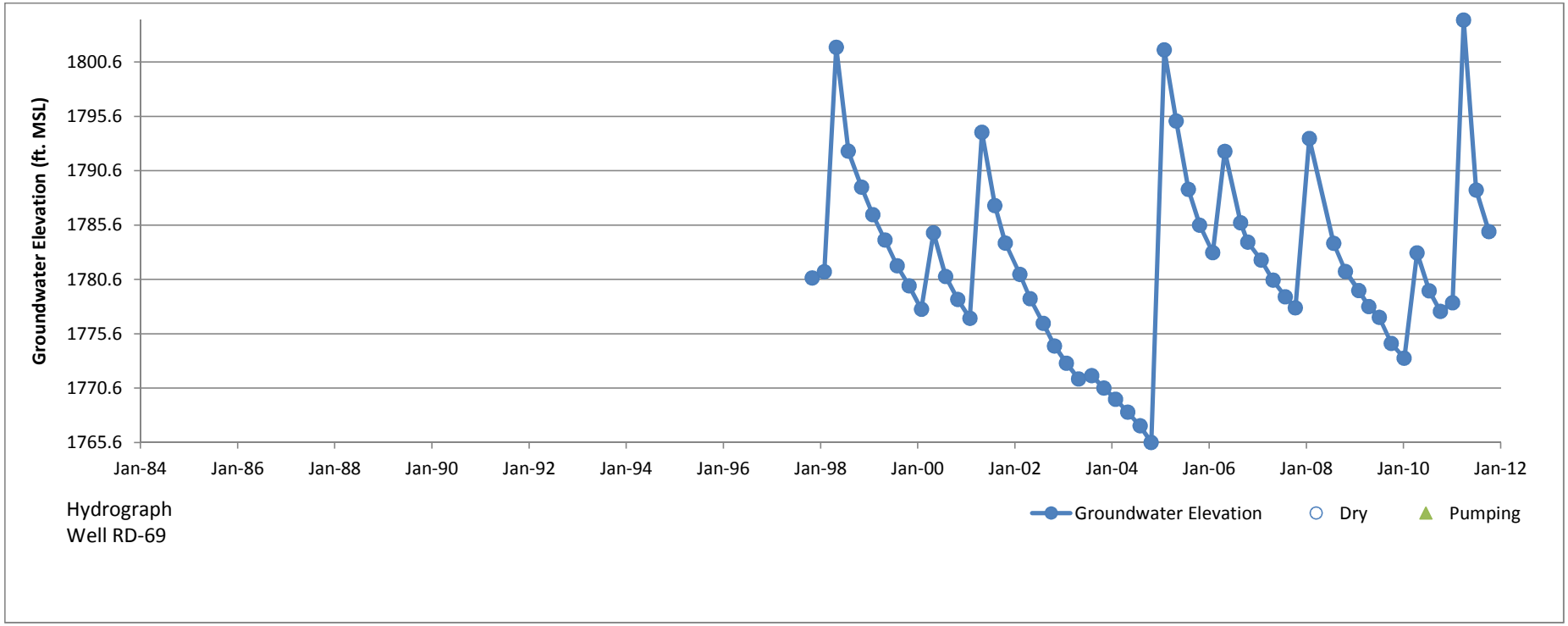

Groundwater Elevation (ft. MSL)
1868.53
1863.53
1858.53
1853.53
1848.53
1843.53
1838.53
1833.53
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-67
Groundwater Elevation
Dry
Pumping

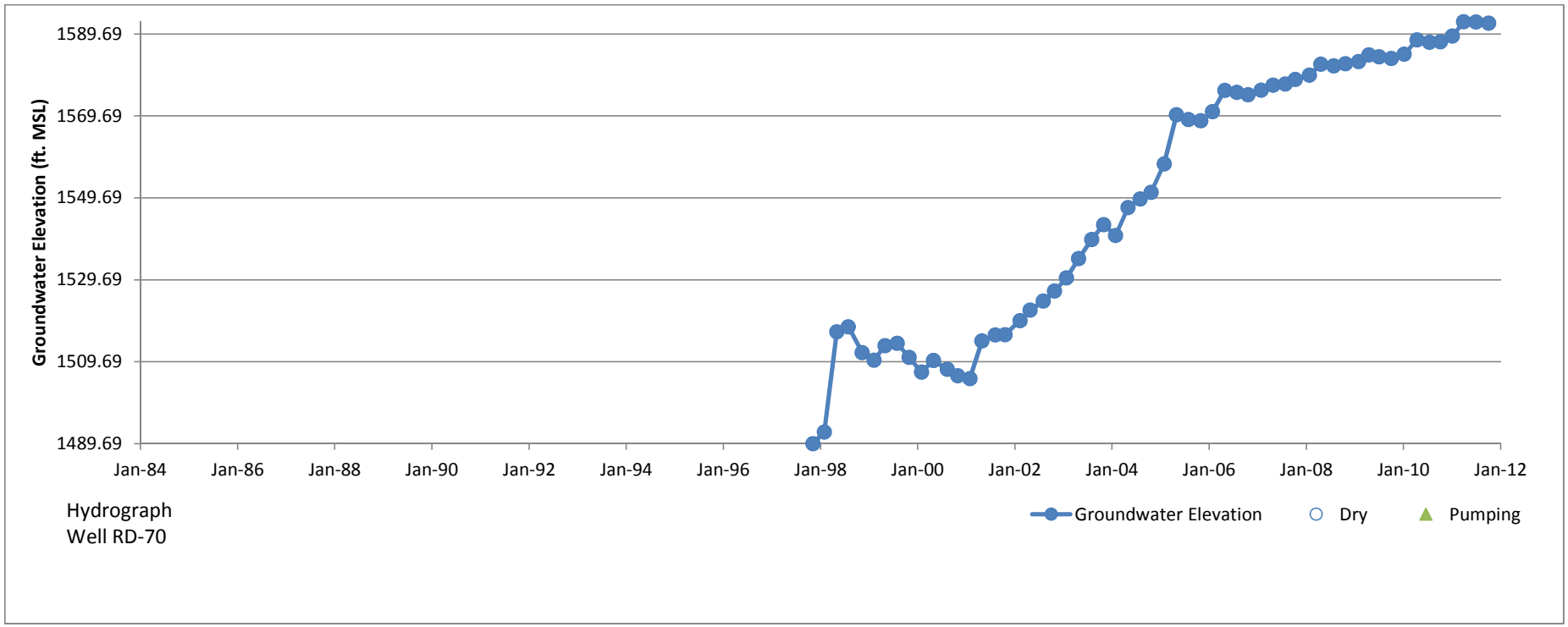


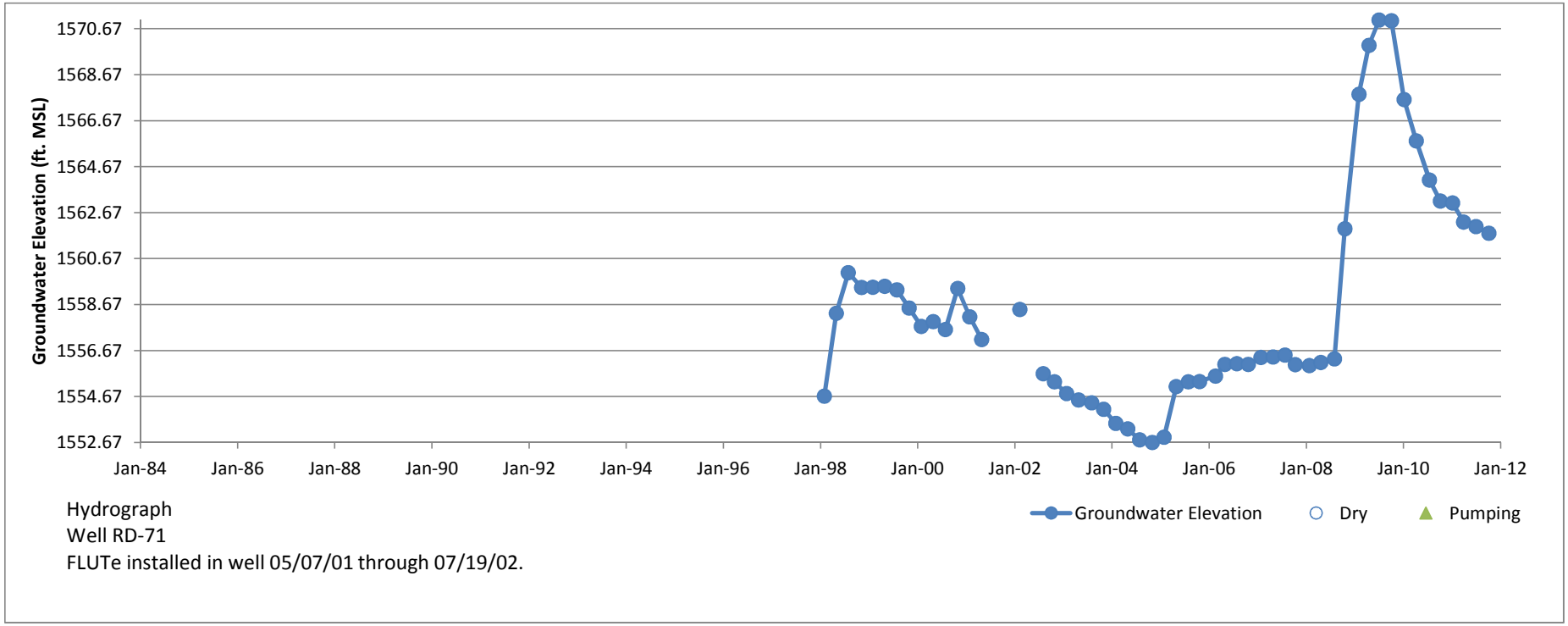
Hydrograph
Well RD-68A
NOTE: Measuring point elevation is plotted when hydrostatic water elevation is unavailable due to artesian conditions observed at well head.



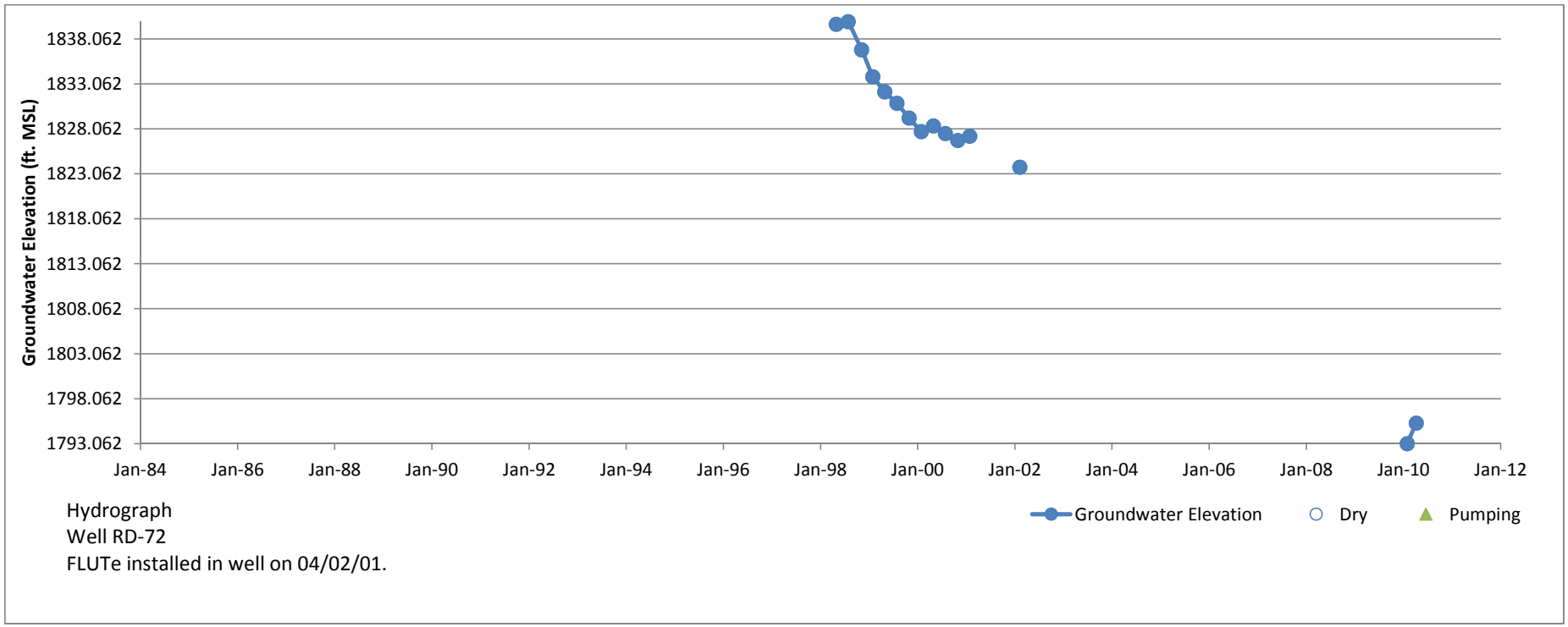
Hydrograph
Well RD-68B
NOTE: Measuring point elevation is plotted when hydrostatic water elevation is unavailable due to artesian conditions observed at well head.


Groundwater Elevation (ft. MSL)
1800.6
1795.6
1790.6
1785.6
1780.6
1775.6
1770.6
1765.6
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-69
Groundwater Elevation
Dry
Pumping

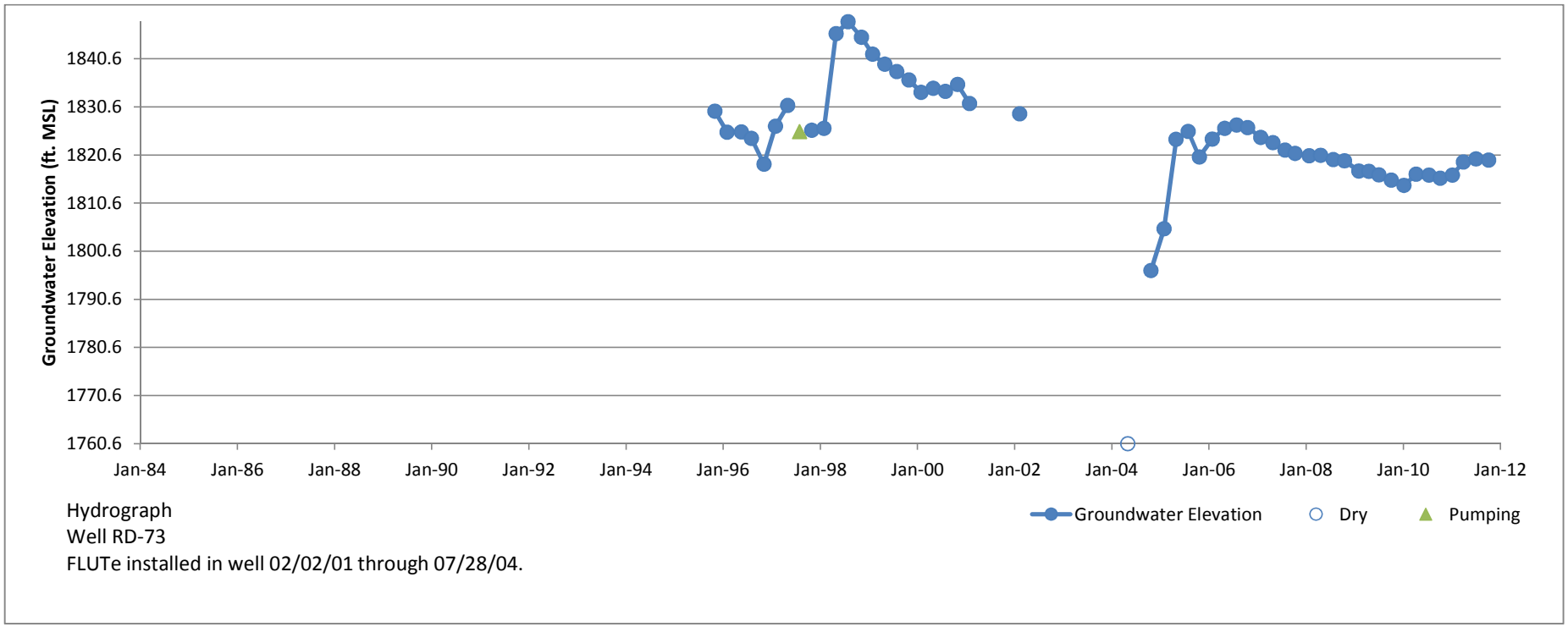

Groundwater Elevation (ft. MSL)
1589.69
1569.69
1549.69
1529.69
1509.69
1489.69
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-70
Groundwater Elevation
Dry
Pumping



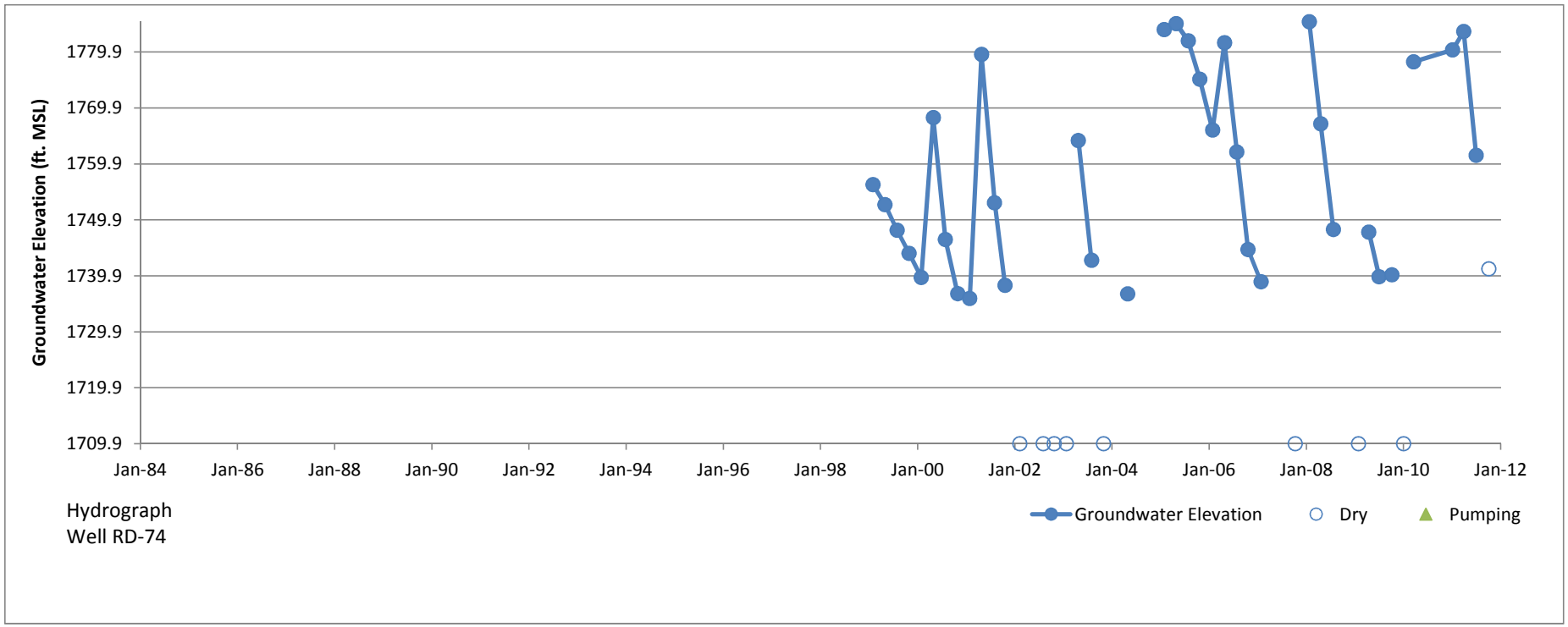
Hydrograph
Well RD-71
FLUTe installed in well 05/07/01 through 07/19/02.

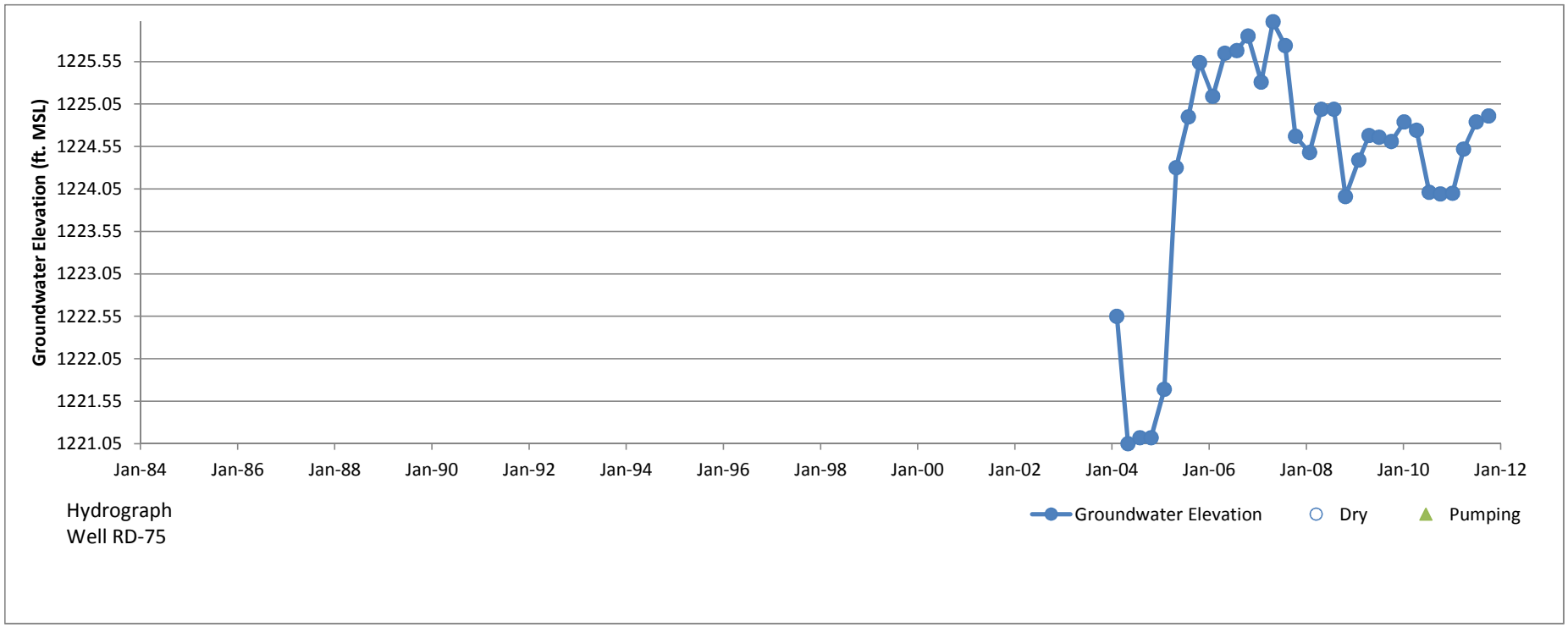


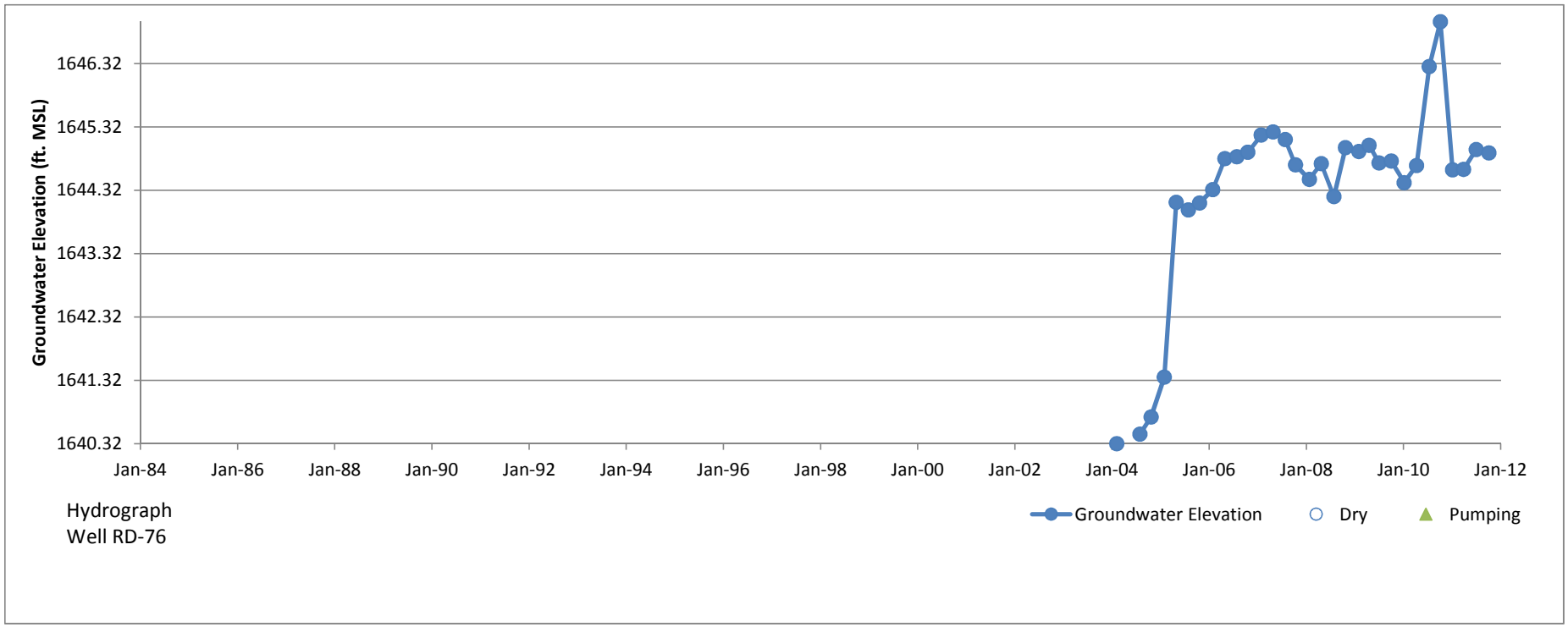
Hydrograph
Well RD-72
FLUTe installed in well on 04/02/01.

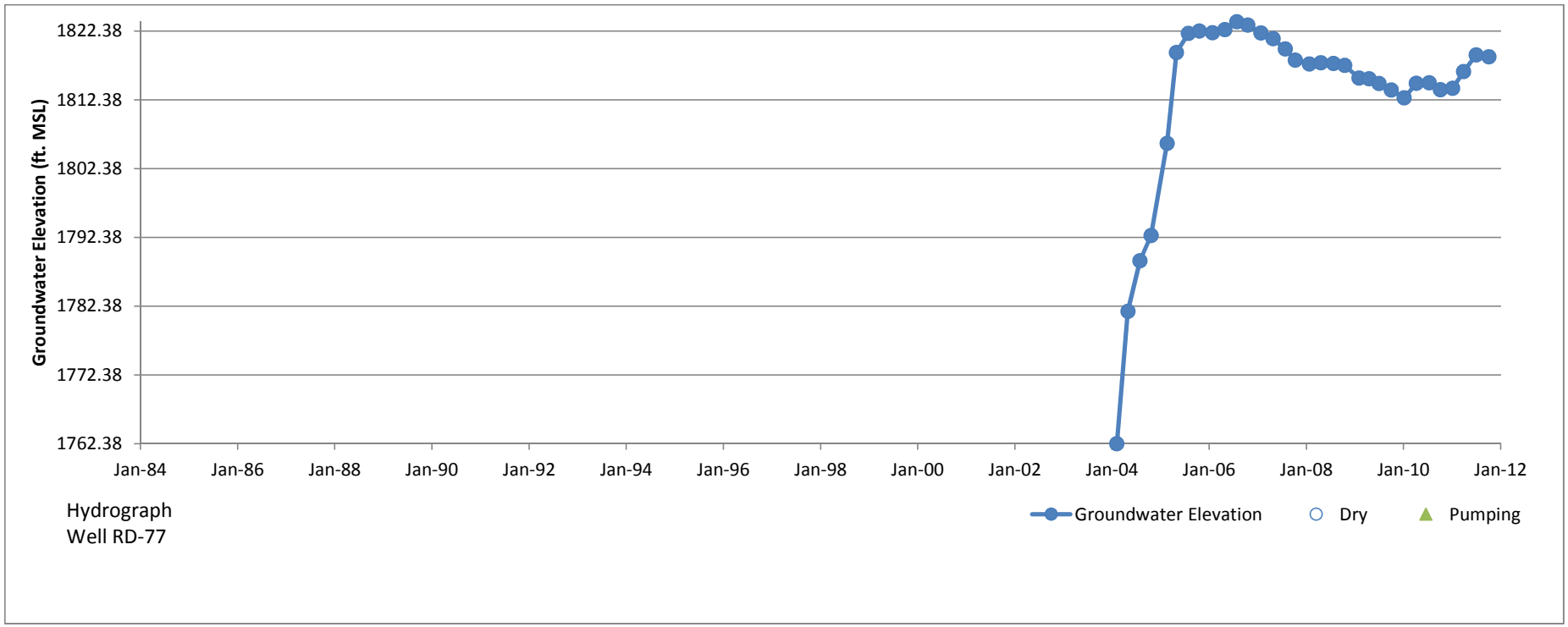


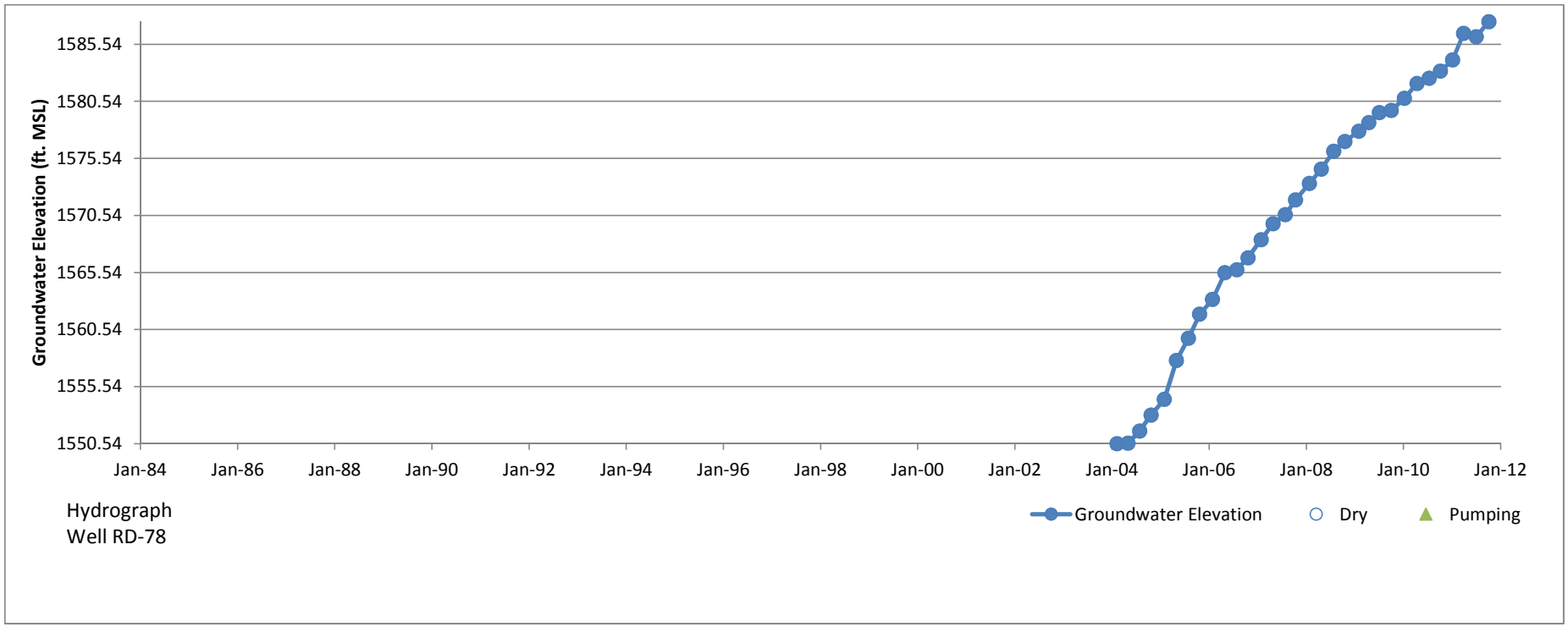
Hydrograph
Well RD-73
FLUTe installed in well 02/02/01 through 07/28/04.

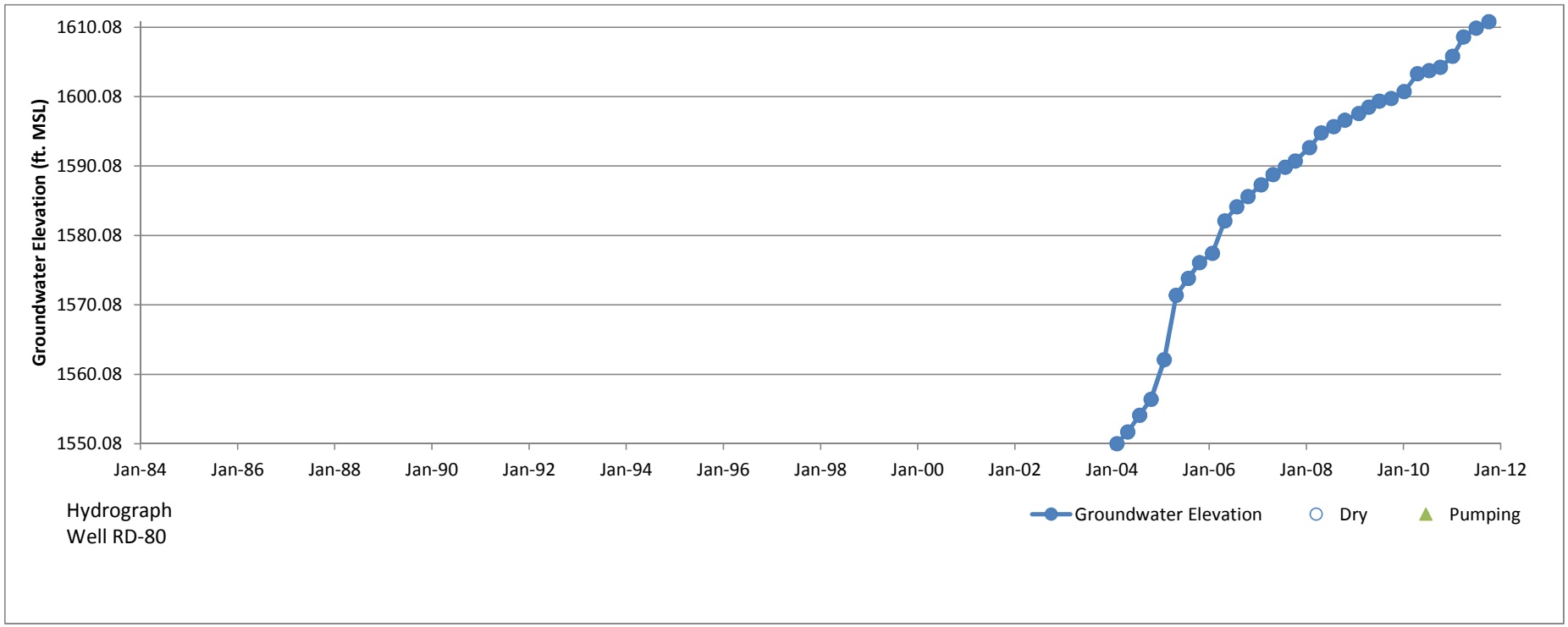

Groundwater Elevation (ft. MSL)
1779.9
1769.9
1759.9
1749.9
1739.9
1729.9
1719.9
1709.9
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-74
Groundwater Elevation
Dry
Pumping

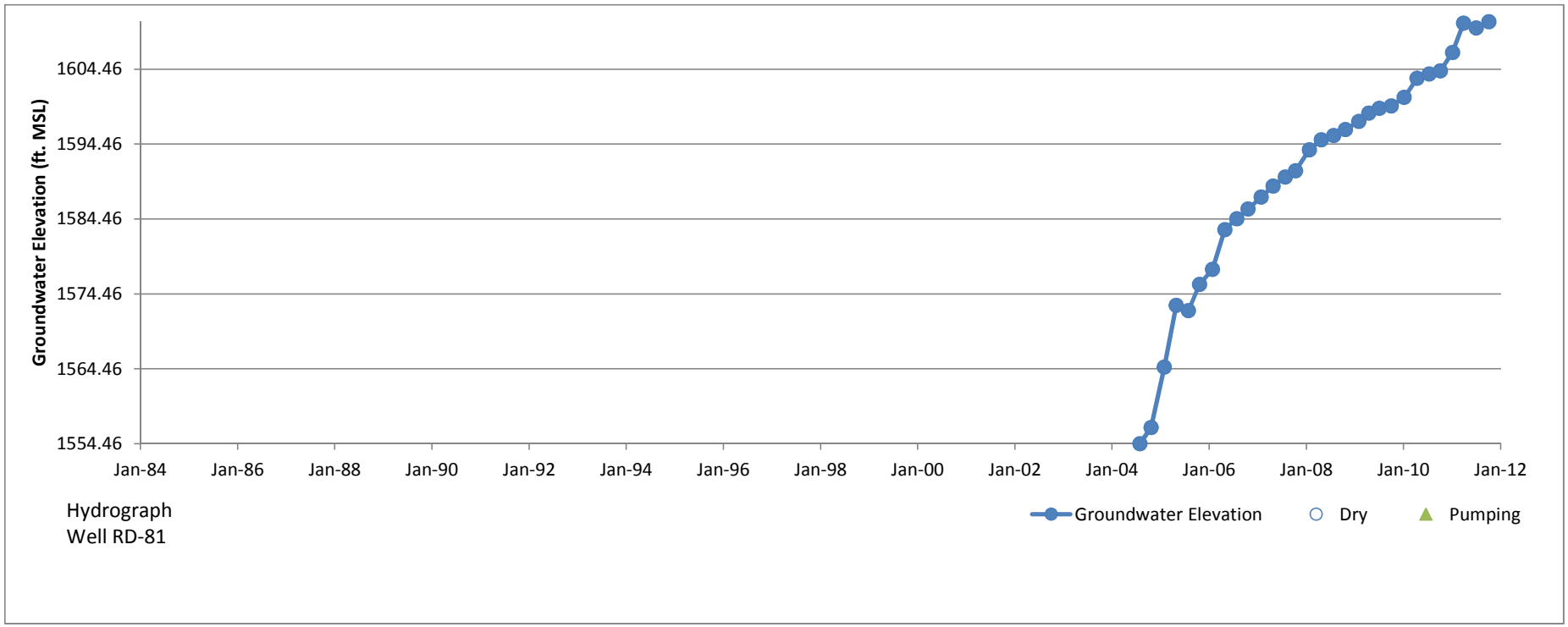

Groundwater Elevation (ft. MSL)
1225.55
1225.05
1224.55
1224.05
1223.55
1223.05
1222.55
1222.05
1221.55
1221.05
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-75
Groundwater Elevation
Dry
Pumping

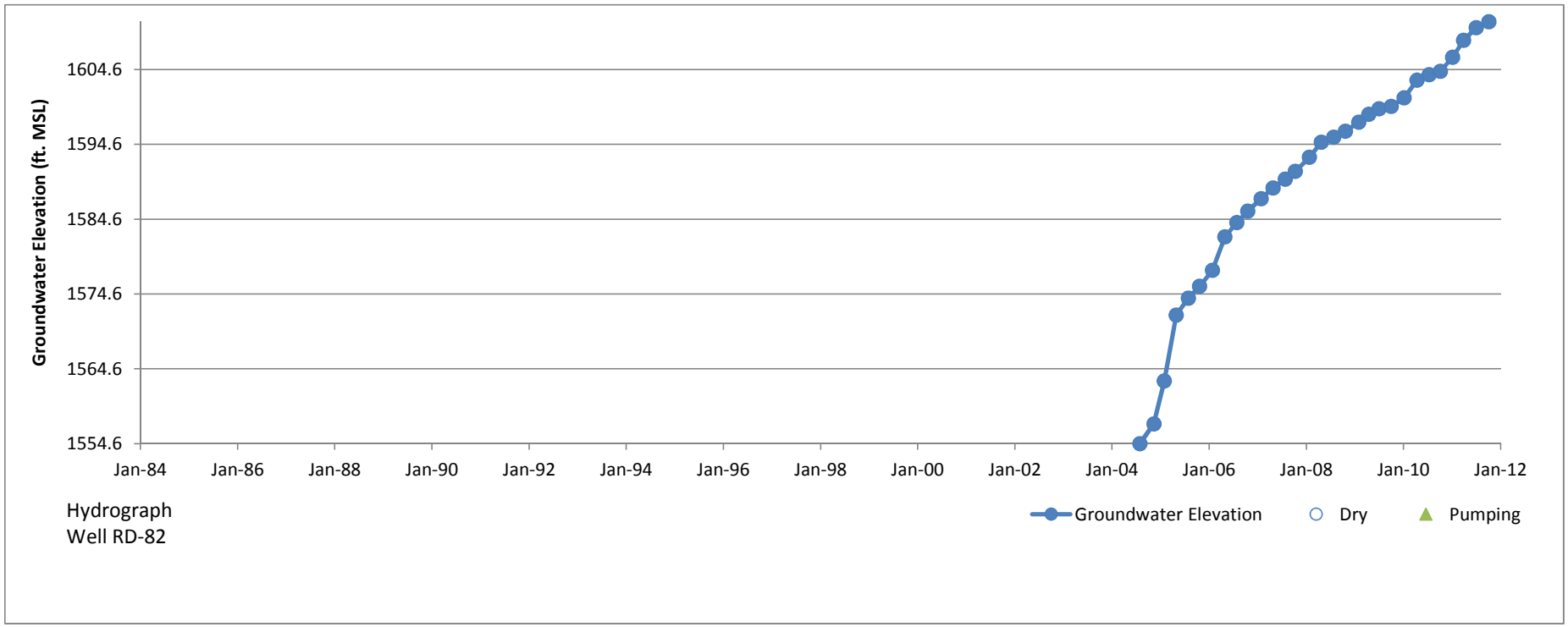

Groundwater Elevation (ft. MSL)
1646.32
1645.32
1644.32
1643.32
1642.32
1641.32
1640.32
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-76
Groundwater Elevation
Dry
Pumping

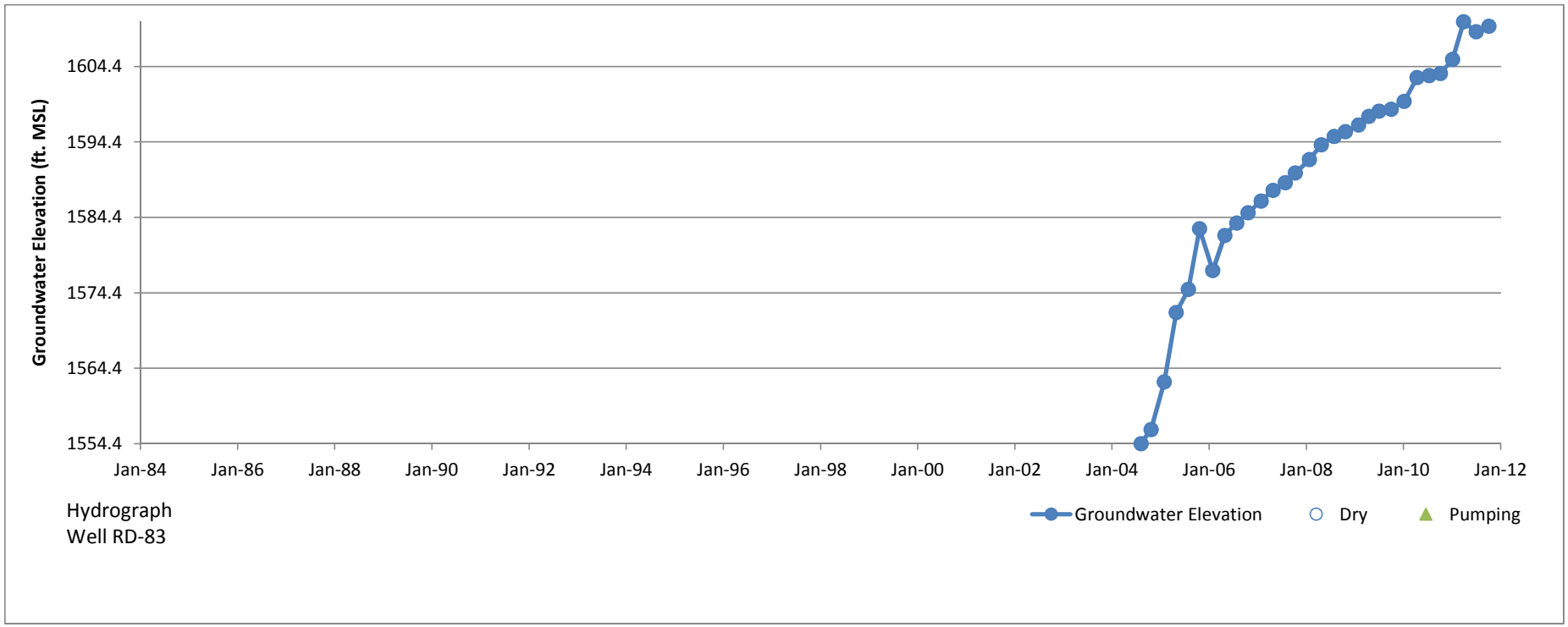

Groundwater Elevation (ft. MSL)
1822.38
1812.38
1802.38
1792.38
1782.38
1772.38
1762.38
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-77
Groundwater Elevation
Dry
Pumping

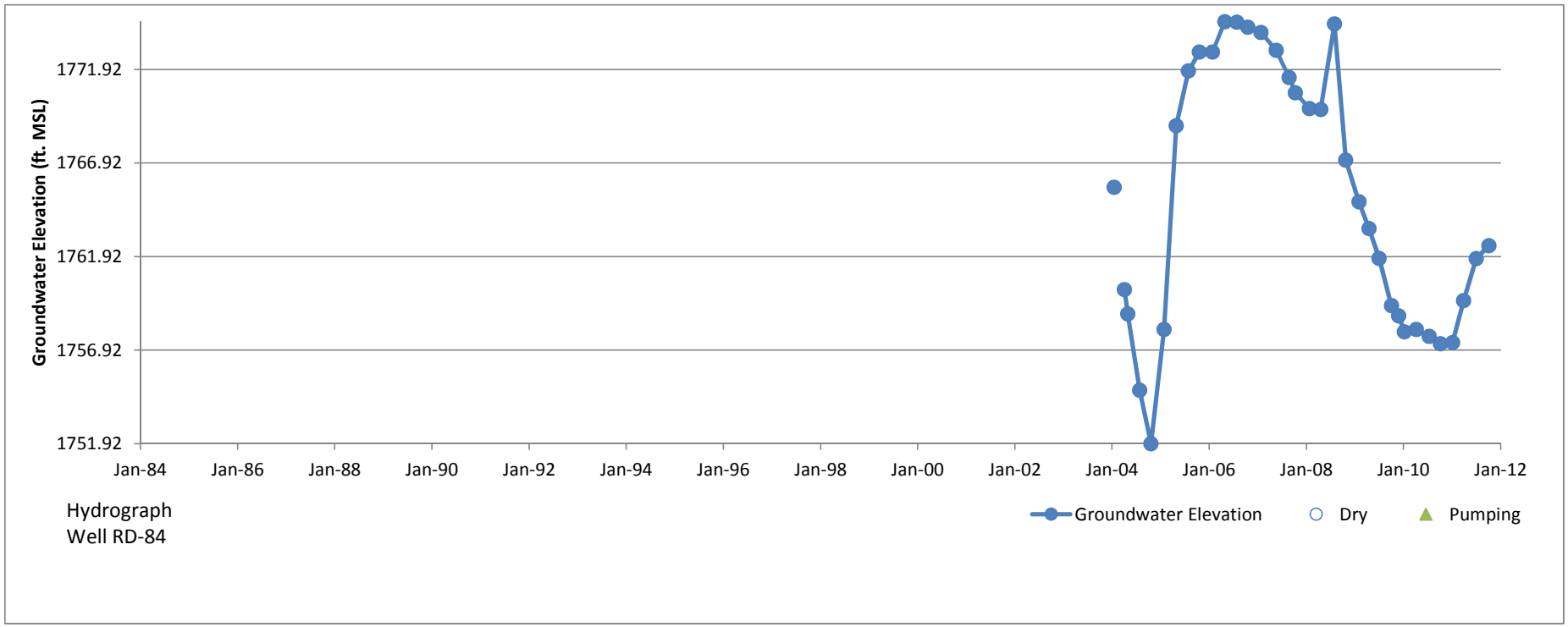

Groundwater Elevation (ft. MSL)
1585.54
1580.54
1575.54
1570.54
1565.54
1560.54
1555.54
1550.54
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-78
Groundwater Elevation
Dry
Pumping

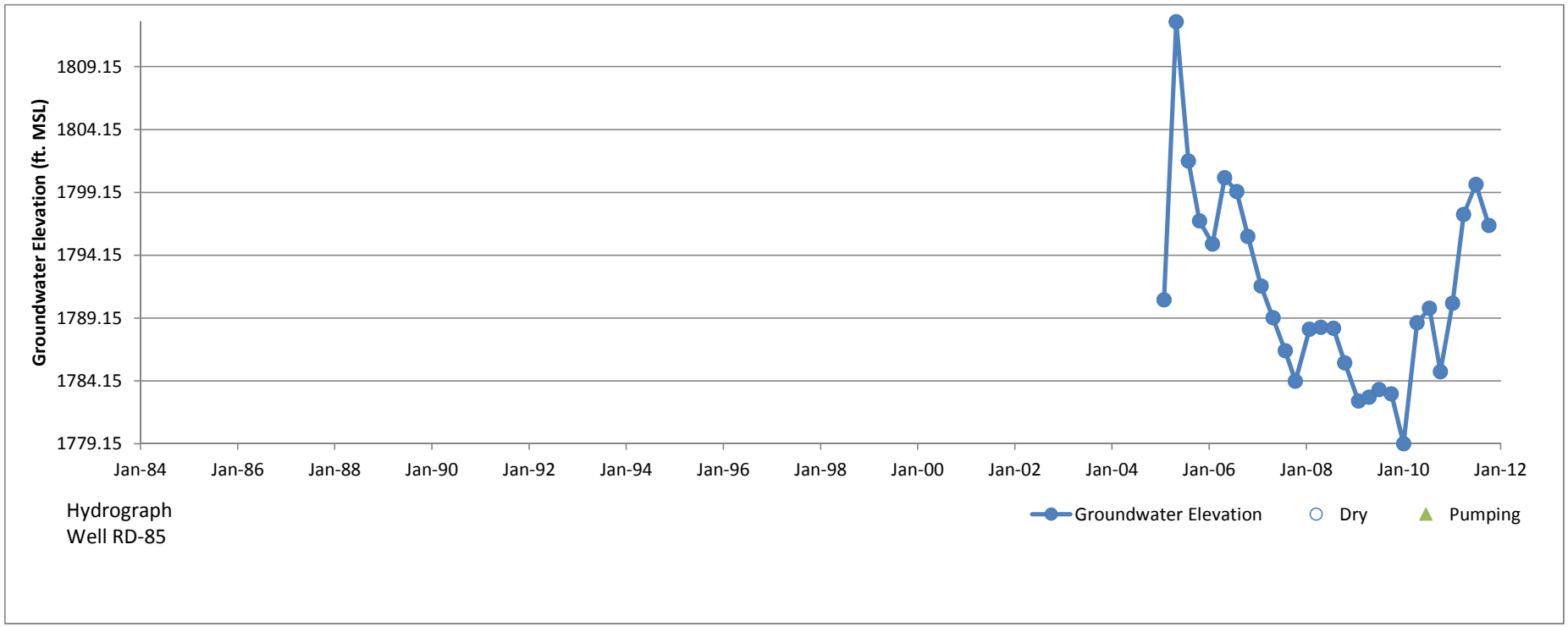

Groundwater Elevation (ft. MSL)
1610.08
1600.08
1590.08
1580.08
1570.08
1560.08
1550.08
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-80
Groundwater Elevation
Dry
Pumping

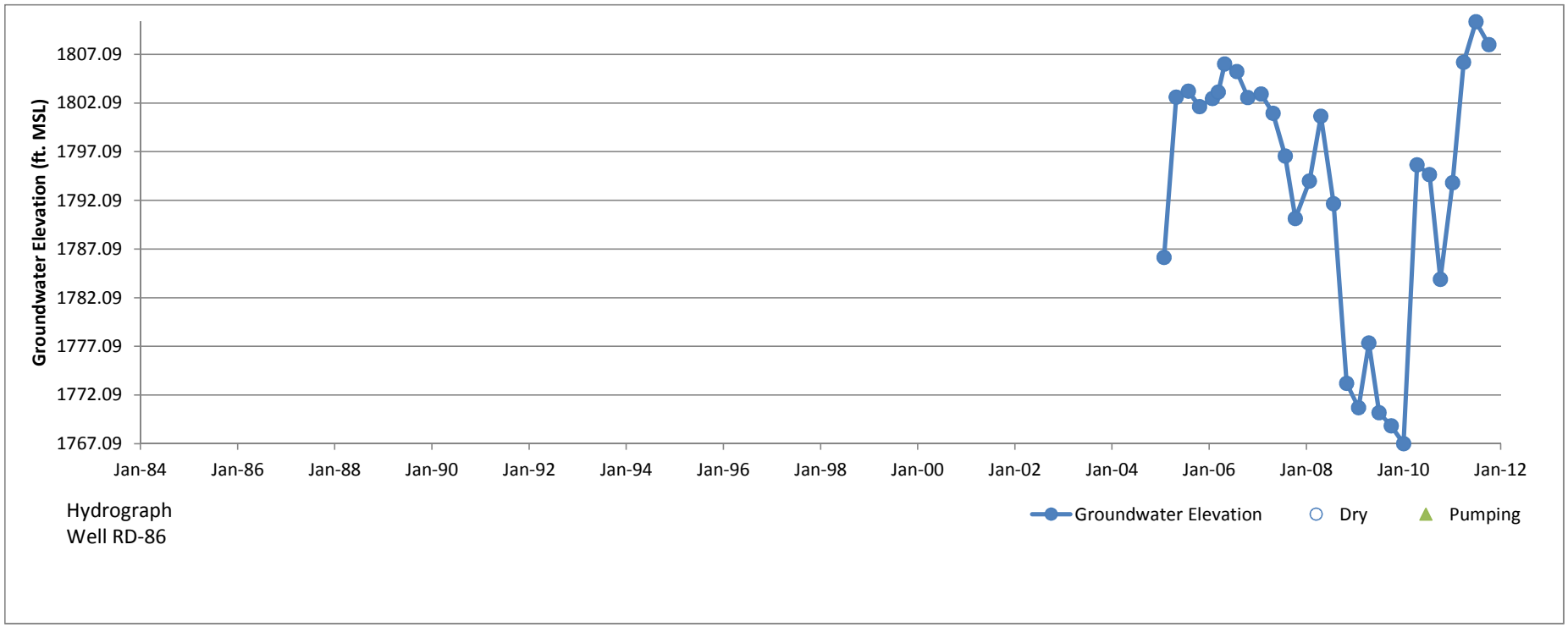

Groundwater Elevation (ft. MSL)
1604.46
1594.46
1584.46
1574.46
1564.46
1554.46
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-81
Groundwater Elevation
Dry
Pumping

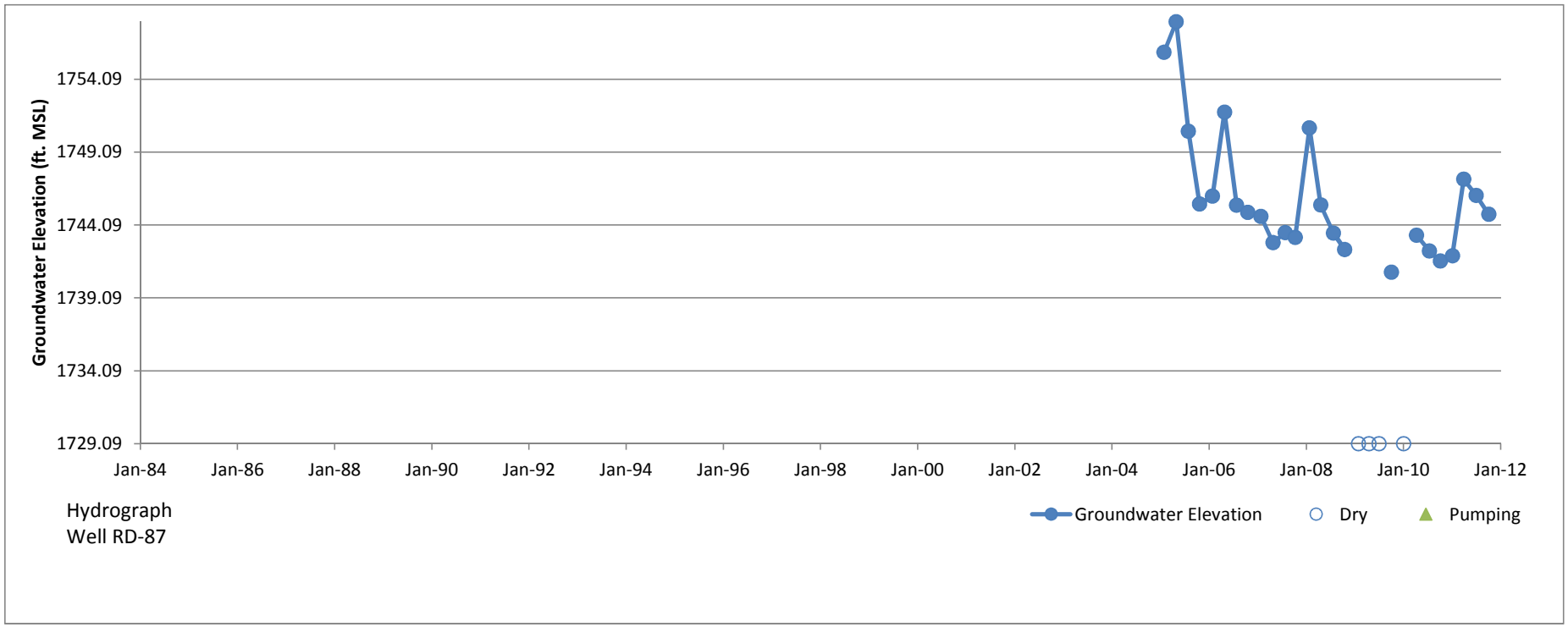

Groundwater Elevation (ft. MSL)
1604.6
1594.6
1584.6
1574.6
1564.6
1554.6
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-82
Groundwater Elevation
Dry
Pumping

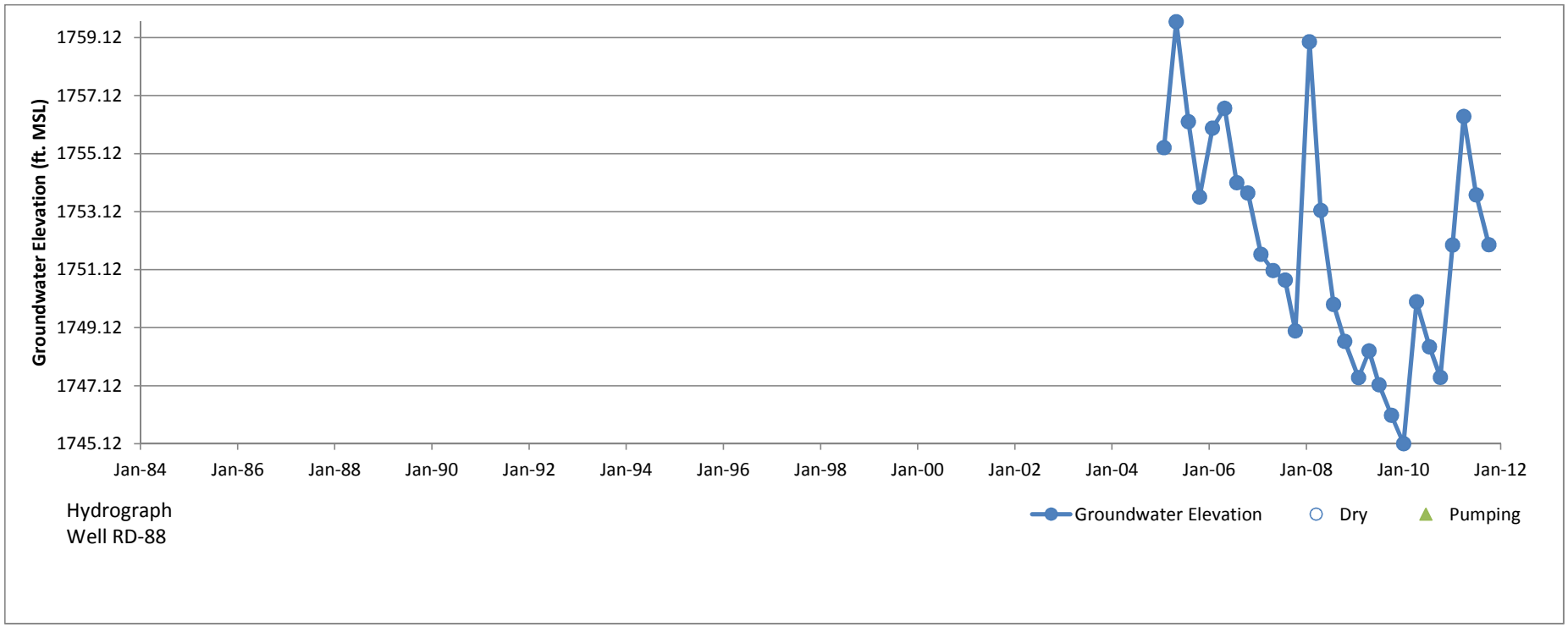

Groundwater Elevation (ft. MSL)
1604.4
1594.4
1584.4
1574.4
1564.4
1554.4
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-83
Groundwater Elevation
Dry
Pumping

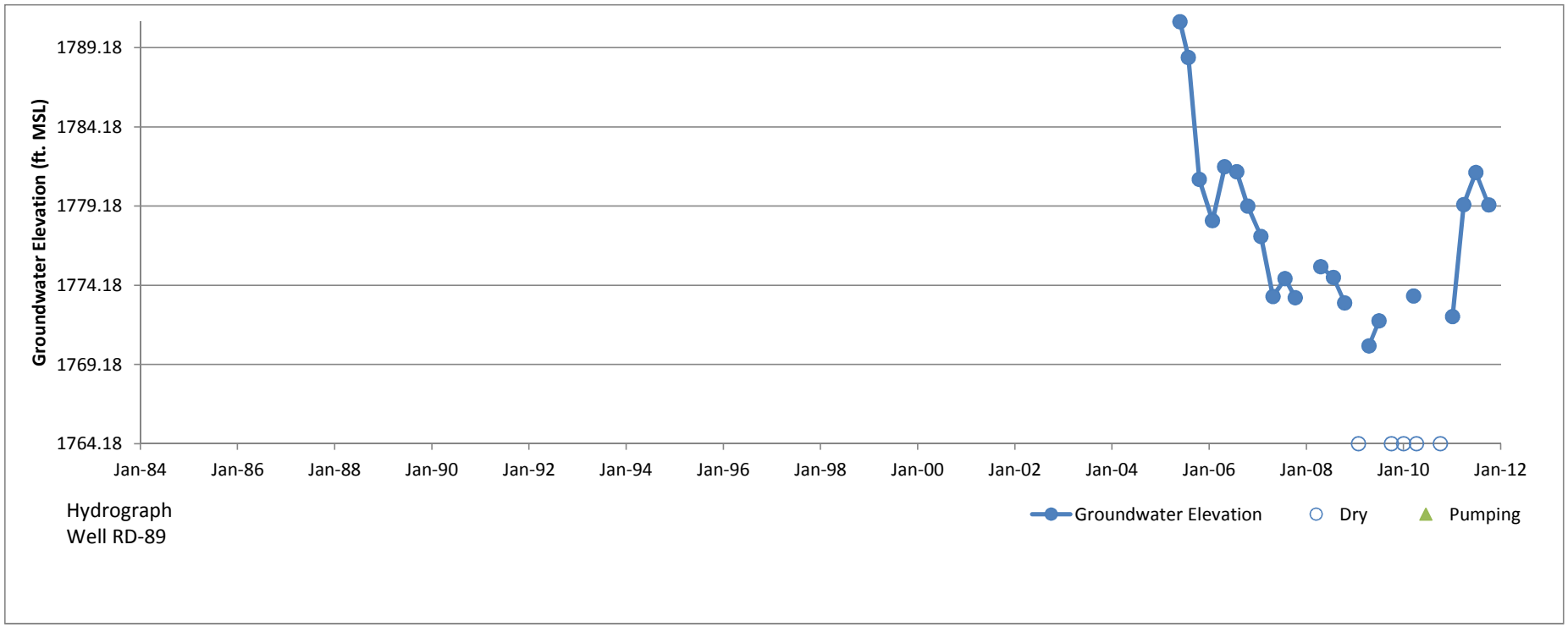

Groundwater Elevation (ft. MSL)
1771.92
1766.92
1761.92
1756.92
1751.92
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-84
Groundwater Elevation
Dry
Pumping

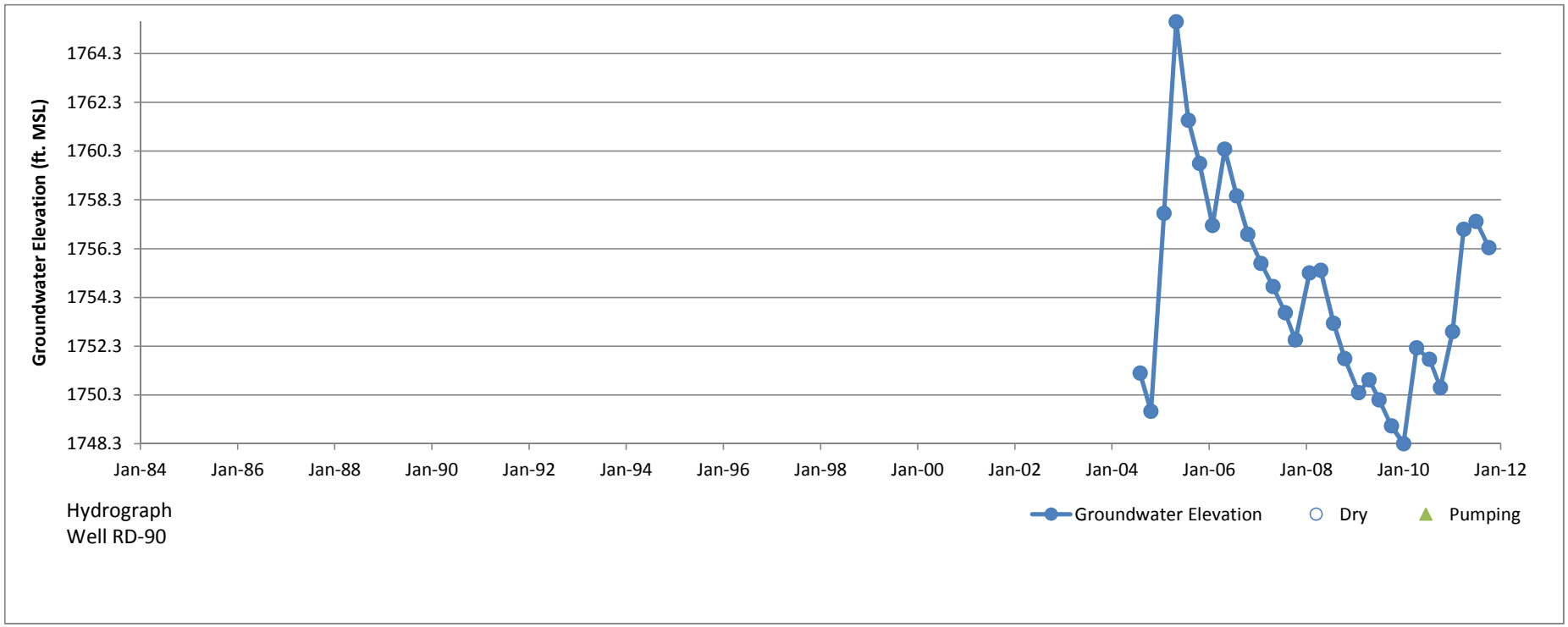

Groundwater Elevation (ft. MSL)
1809.15
1804.15
1799.15
1794.15
1789.15
1784.15
1779.15
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-85
Groundwater Elevation
Dry
Pumping

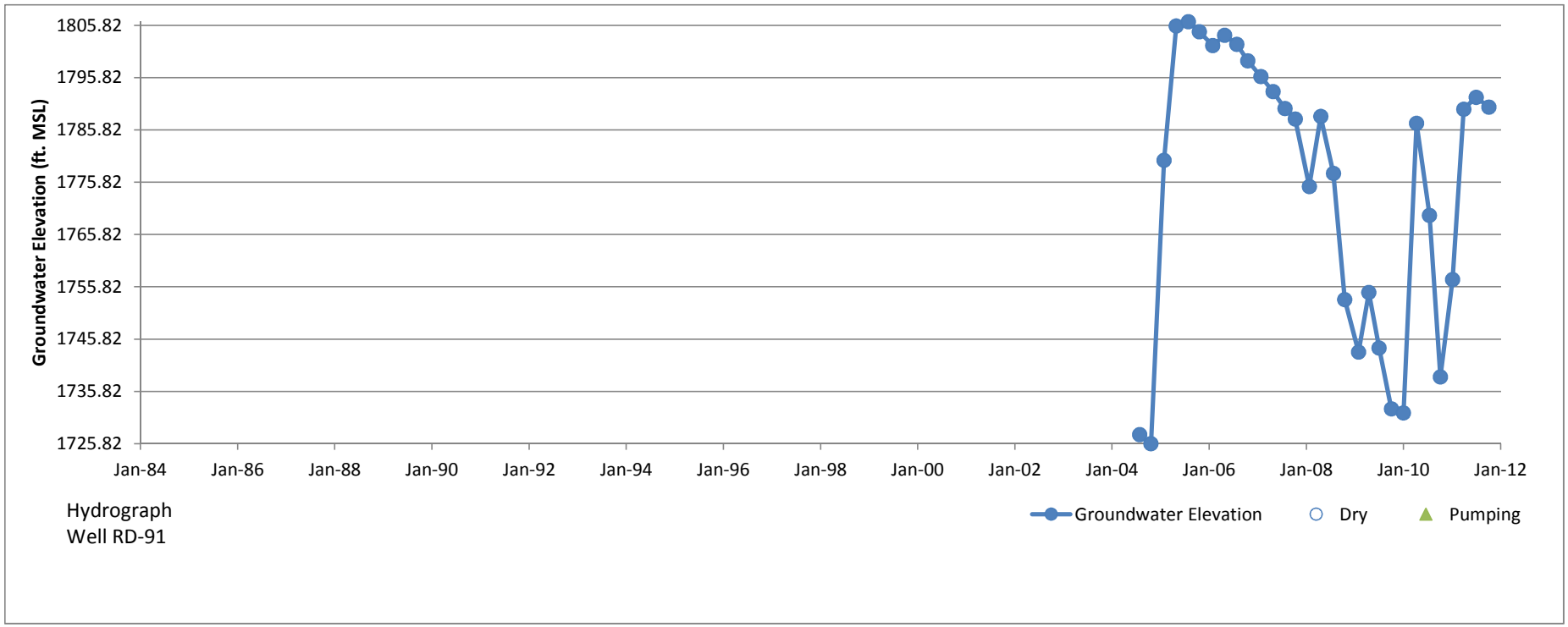

Groundwater Elevation (ft. MSL)
1807.09
1802.09
1797.09
1792.09
1787.09
1782.09
1777.09
1772.09
1767.09
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-86
Groundwater Elevation
Dry
Pumping

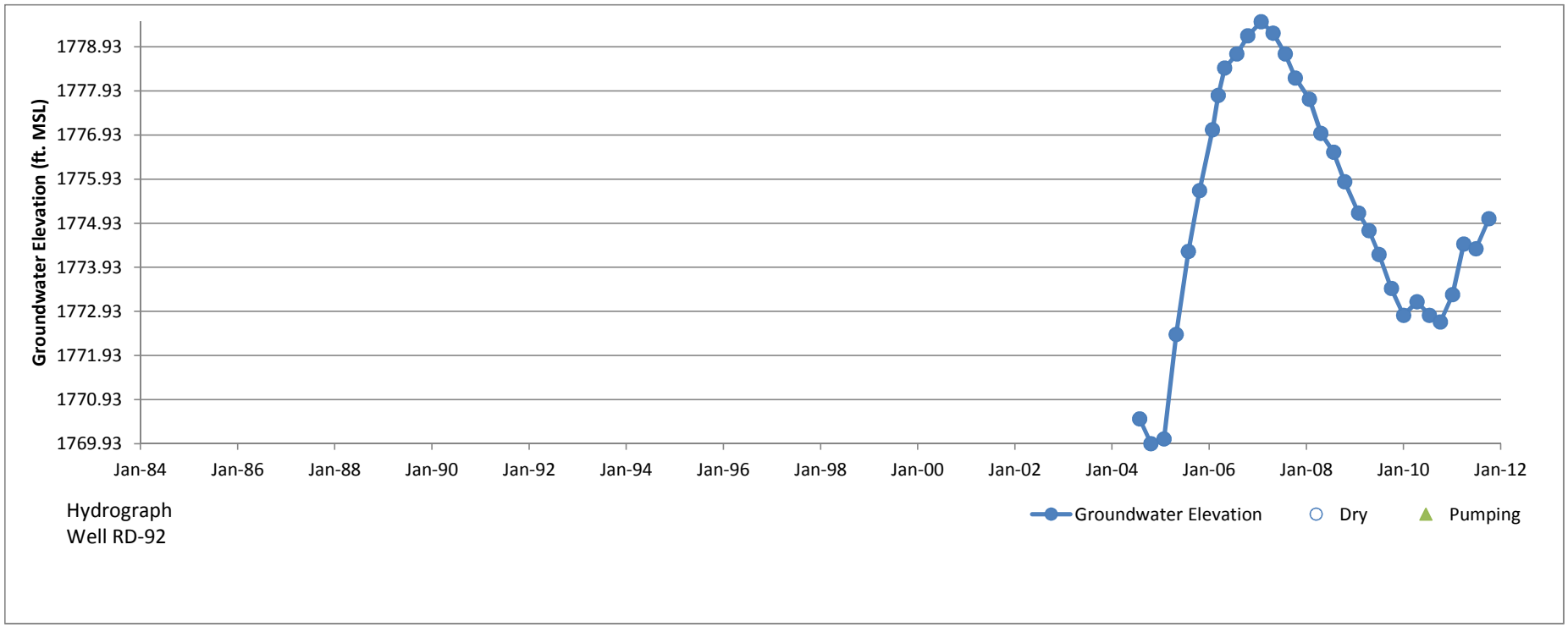

Groundwater Elevation (ft. MSL)
1754.09
1749.09
1744.09
1739.09
1734.09
1729.09
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-87
Groundwater Elevation
Dry
Pumping

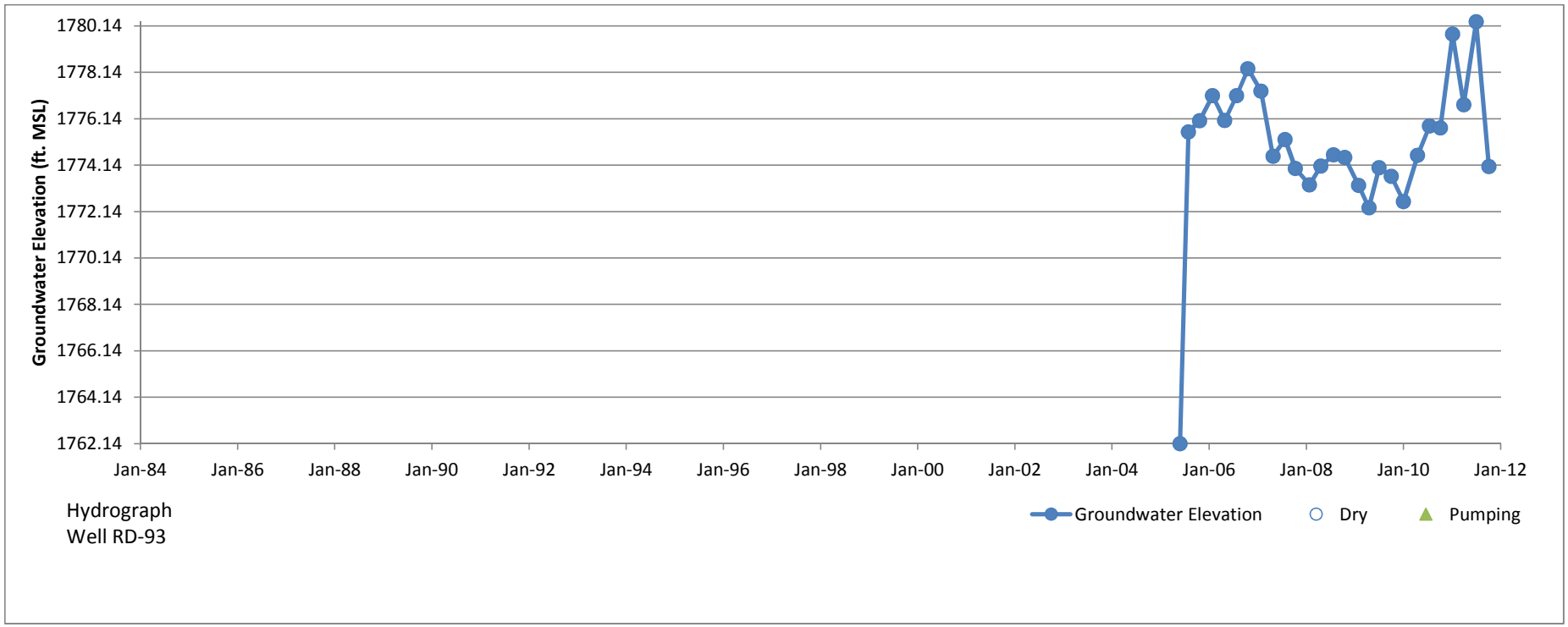

Groundwater Elevation (ft. MSL)
1759.12
1757.12
1755.12
1753.12
1751.12
1749.12
1747.12
1745.12
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-88
Groundwater Elevation
Dry
Pumping

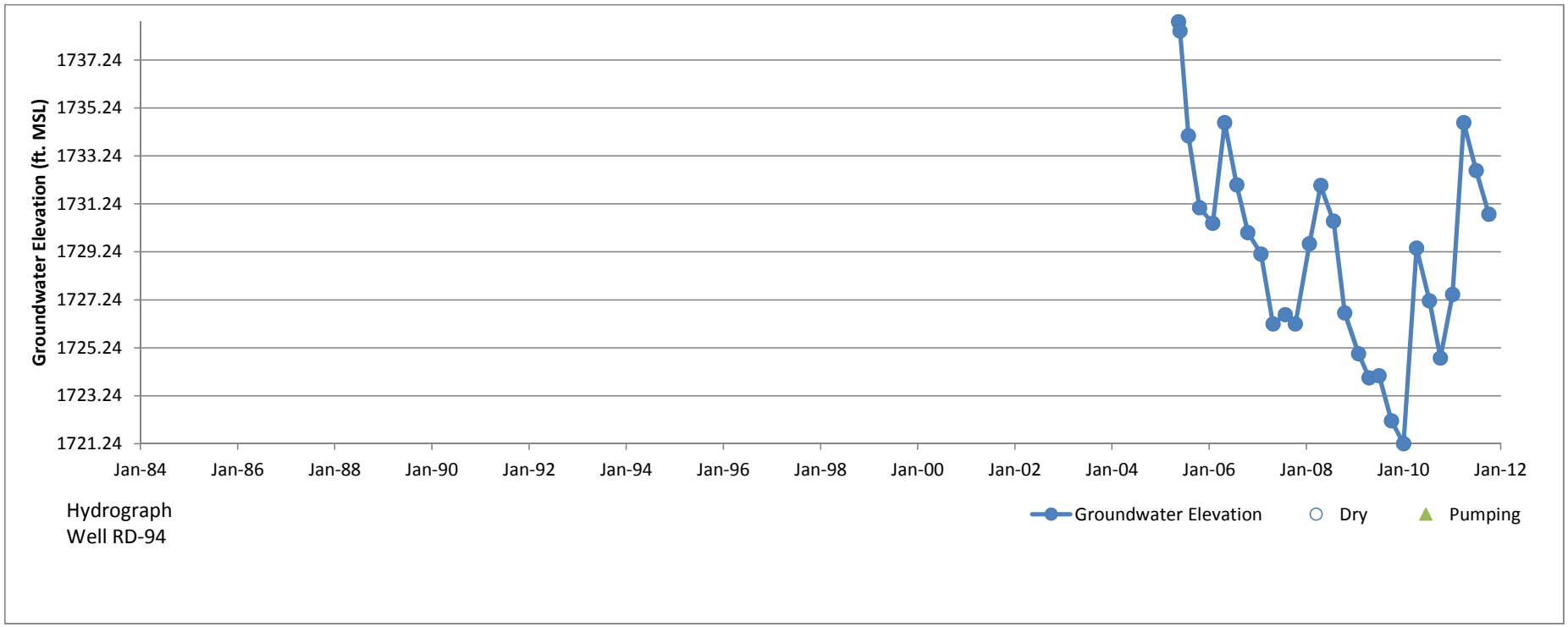

Groundwater Elevation (ft. MSL)
1789.18
1784.18
1779.18
1774.18
1769.18
1764.18
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-89
Groundwater Elevation
Dry
Pumping

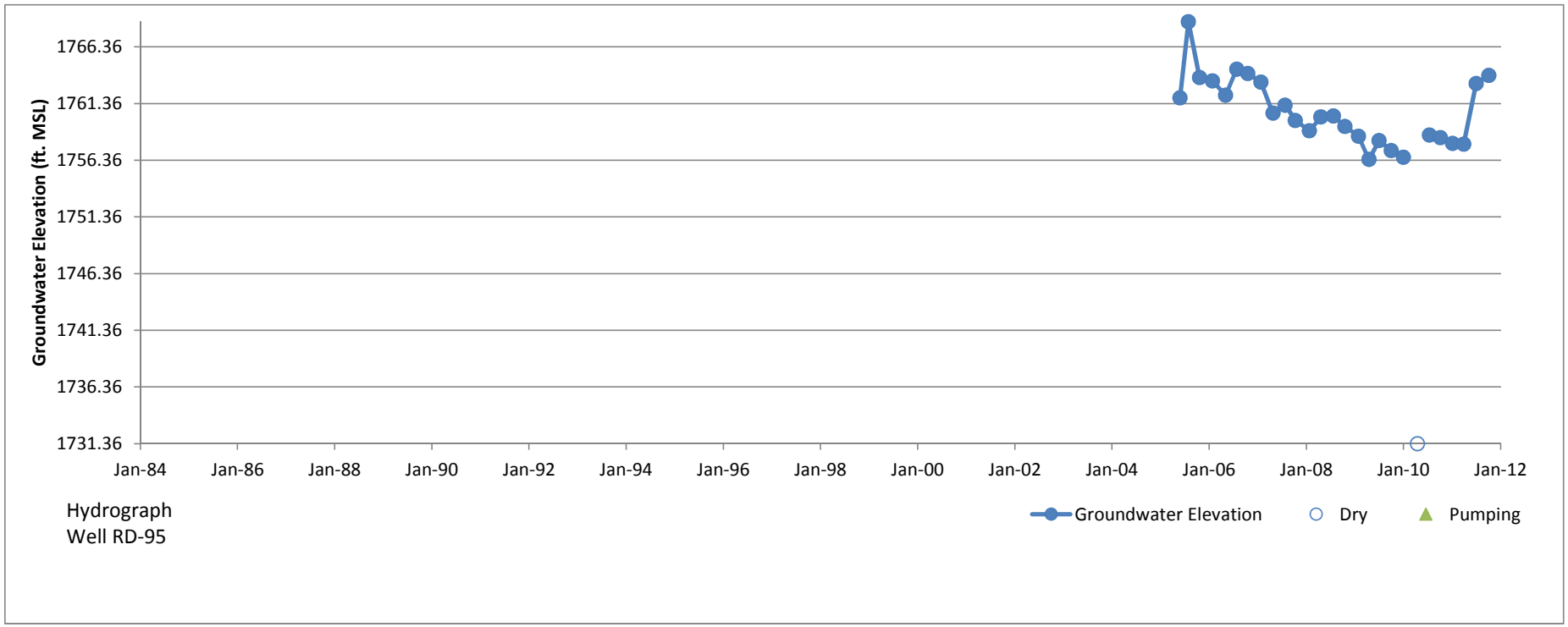

Groundwater Elevation (ft. MSL)
1764.3
1762.3
1760.3
1758.3
1756.3
1754.3
1752.3
1750.3
1748.3
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-90
Groundwater Elevation
Dry
Pumping

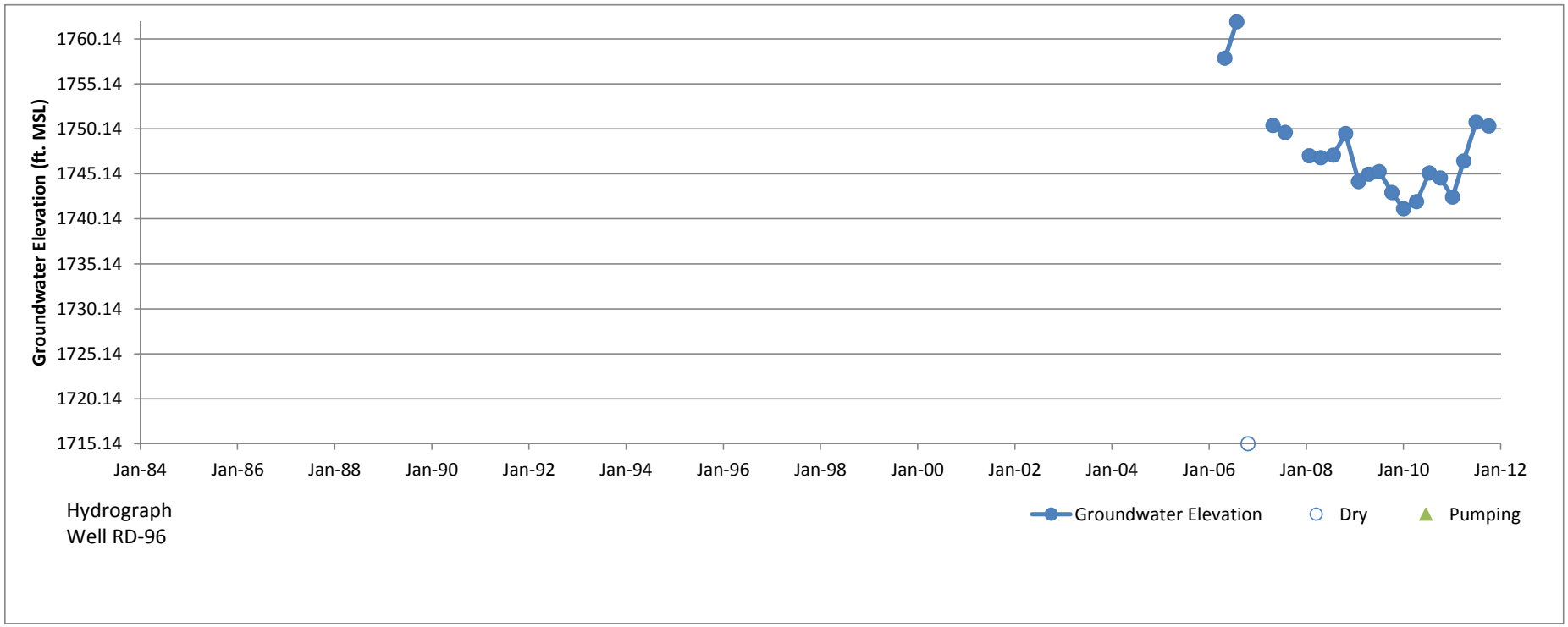

1805.82
1795.82
1785.82
1775.82
1765.82
1755.82
1745.82
1735.82
1725.82
Groundwater Elevation (ft. MSL)
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-91
Groundwater Elevation
Dry
Pumping

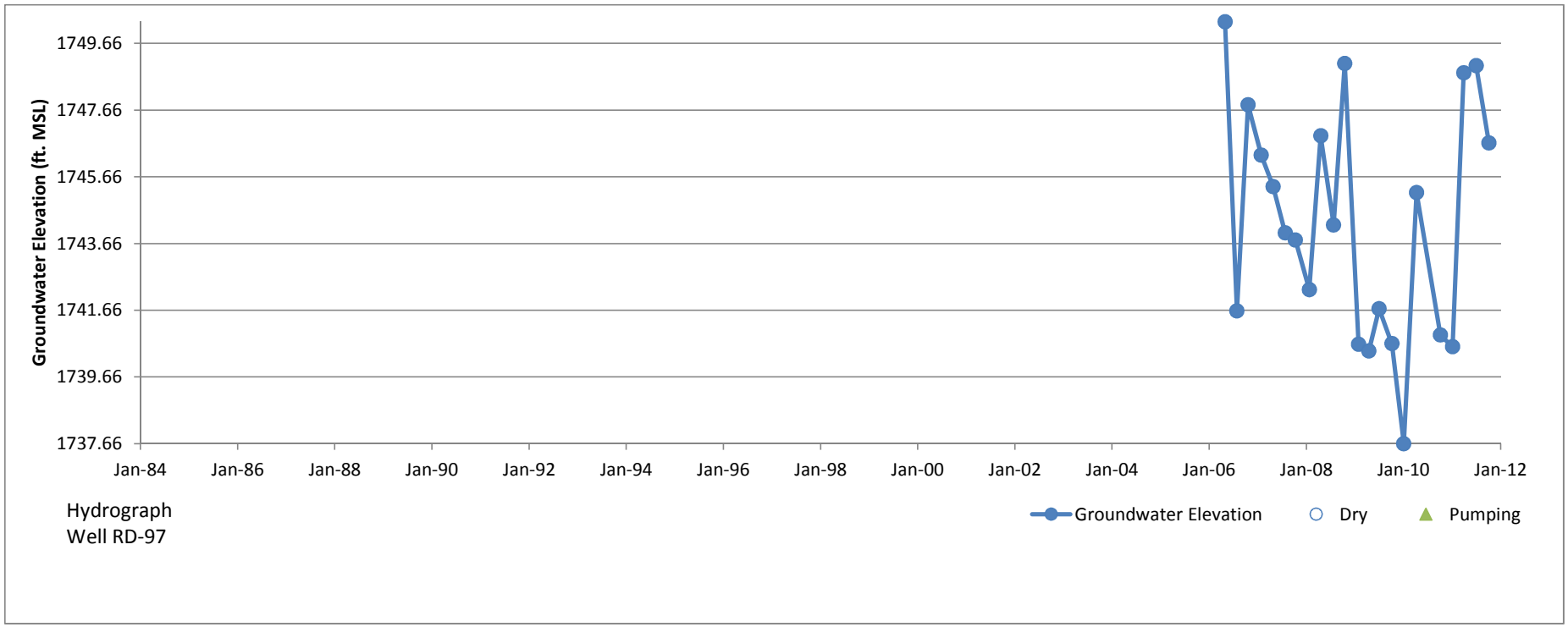

Groundwater Elevation (ft. MSL)
1778.93
1777.93
1776.93
1775.93
1774.93
1773.93
1772.93
1771.93
1770.93
1769.93
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-92
Groundwater Elevation
Dry
Pumping

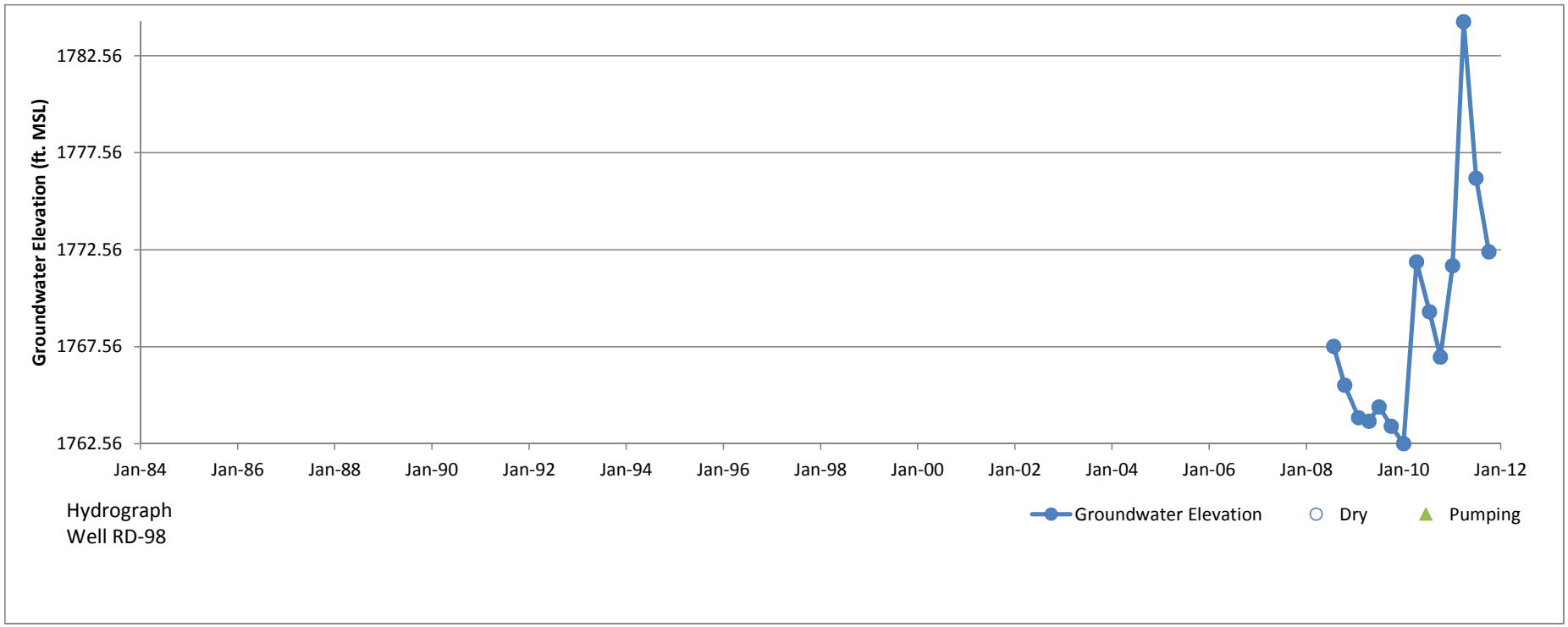

Groundwater Elevation (ft. MSL)
1780.14
1778.14
1776.14
1774.14
1772.14
1770.14
1768.14
1766.14
1764.14
1762.14
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-93
Groundwater Elevation
Dry
Pumping

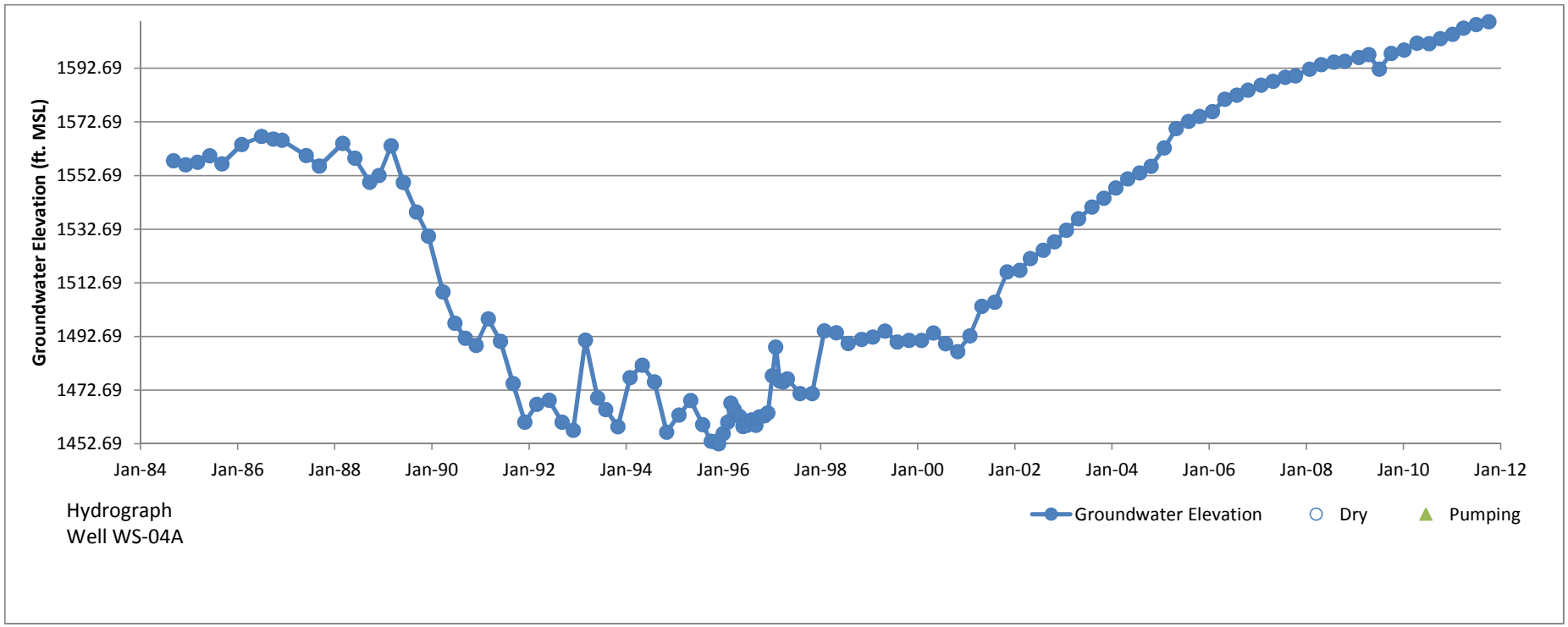

Groundwater Elevation (ft. MSL)
1737.24
1735.24
1733.24
1731.24
1729.24
1727.24
1725.24
1723.24
1721.24
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-94
Groundwater Elevation
Dry
Pumping

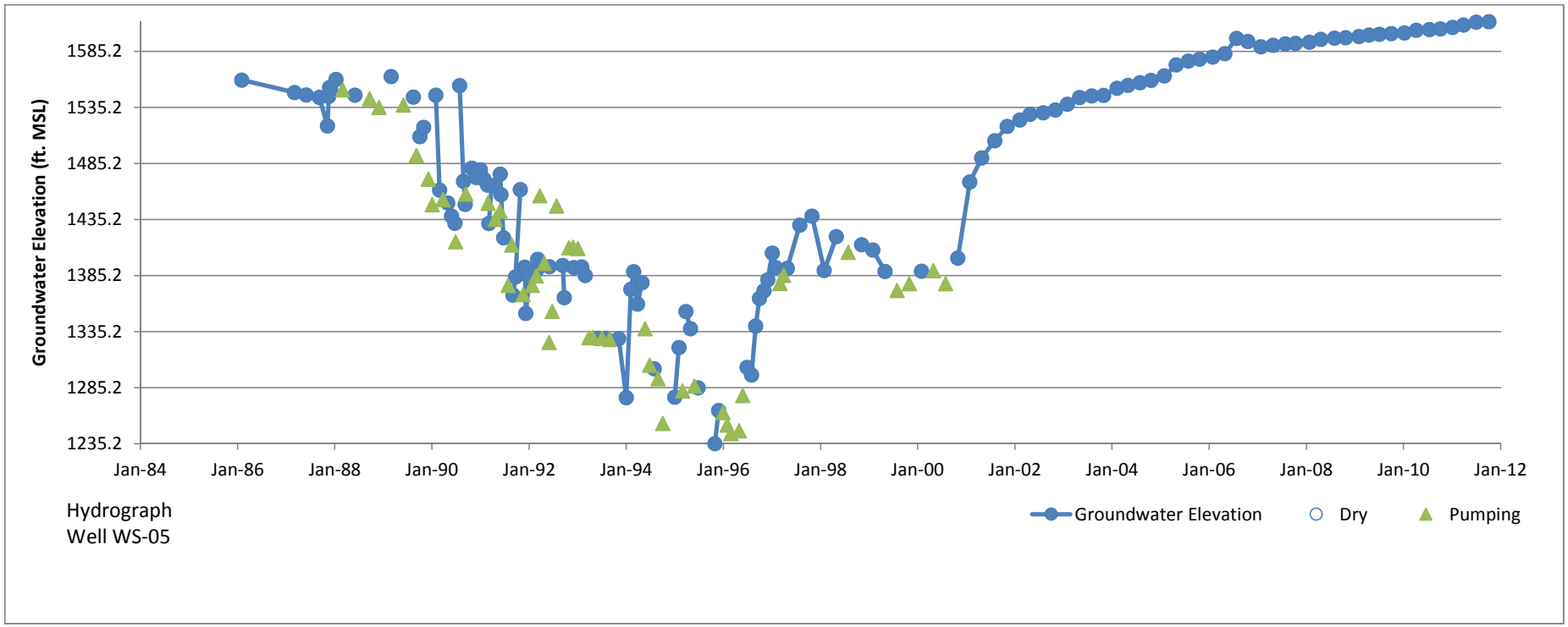

Groundwater Elevation (ft. MSL)
1766.36
1761.36
1756.36
1751.36
1746.36
1741.36
1736.36
1731.36
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-95
Groundwater Elevation
Dry
Pumping

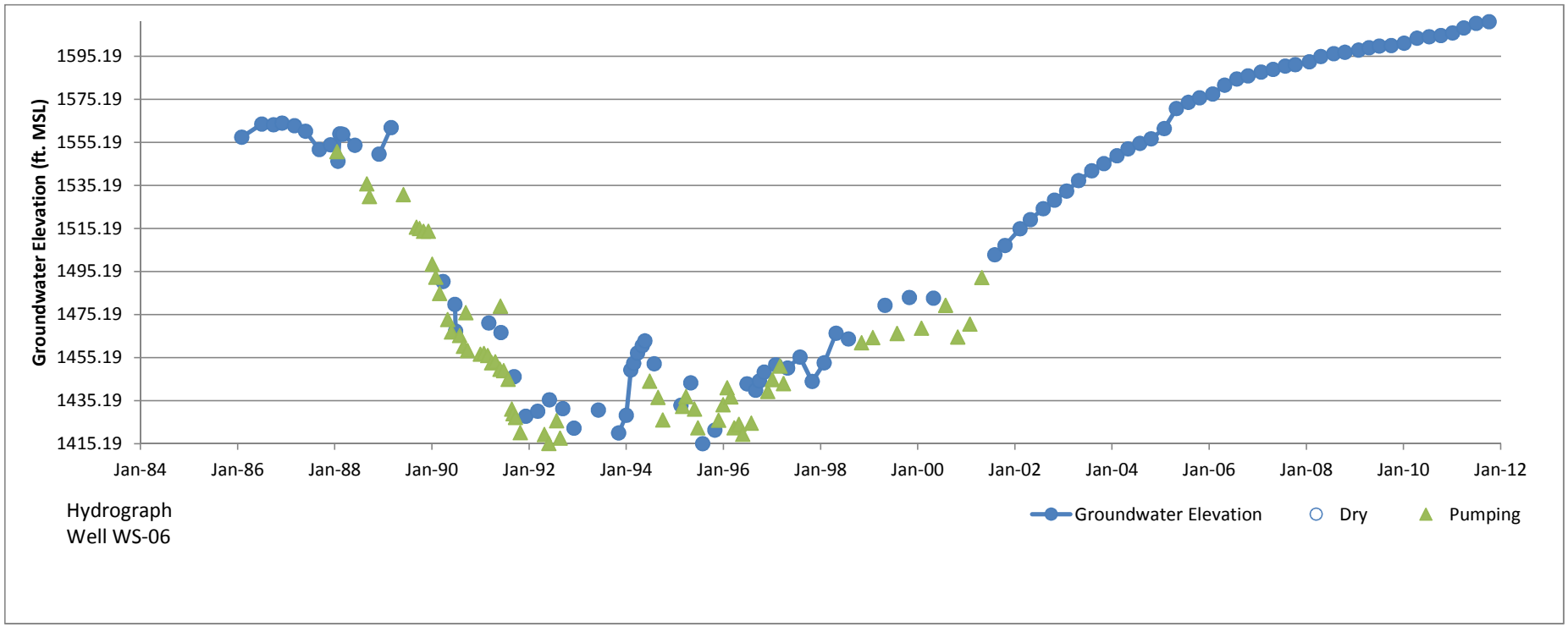

Groundwater Elevation (ft. MSL)
1760.14
1755.14
1750.14
1745.14
1740.14
1735.14
1730.14
1725.14
1720.14
1715.14
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-96
Groundwater Elevation
Dry
Pumping

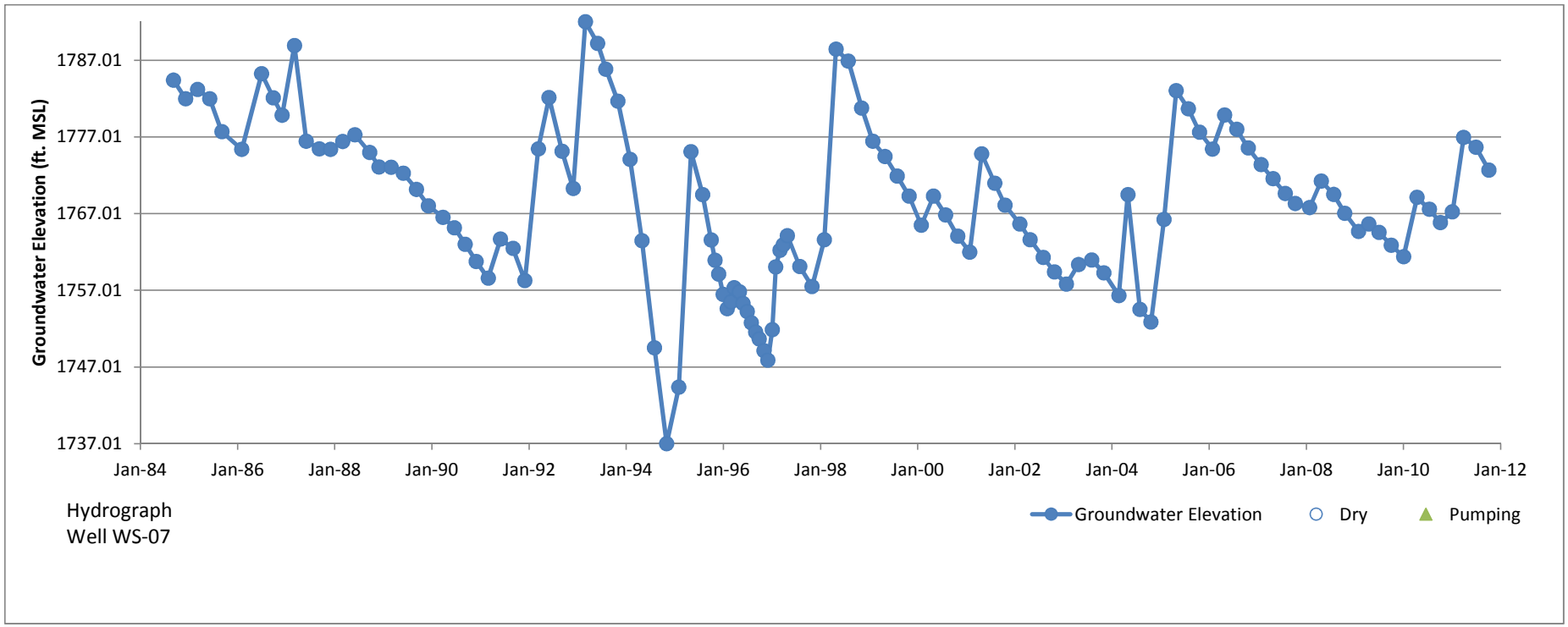

Groundwater Elevation (ft. MSL)
1749.66
1747.66
1745.66
1743.66
1741.66
1739.66
1737.66
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-97
Groundwater Elevation
Dry
Pumping

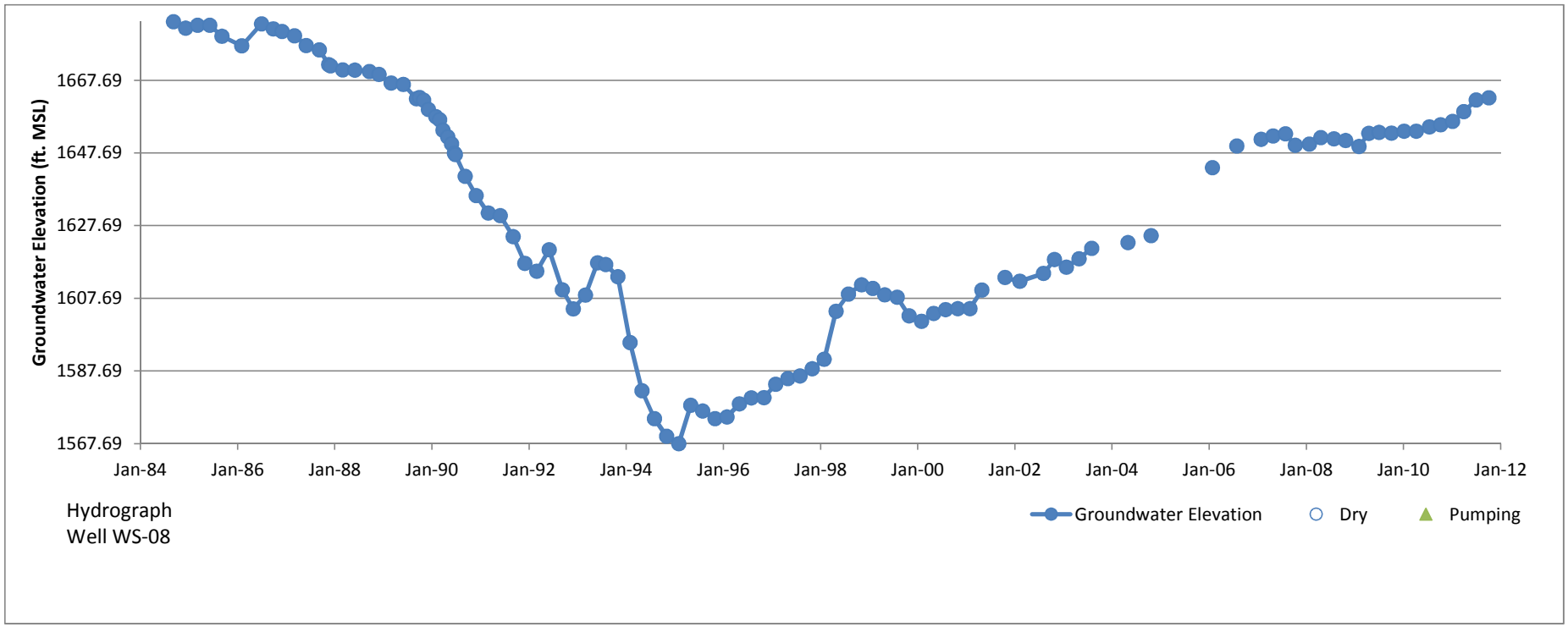

Groundwater Elevation (ft. MSL)
1782.56
1777.56
1772.56
1767.56
1762.56
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well RD-98
Groundwater Elevation
Dry
Pumping

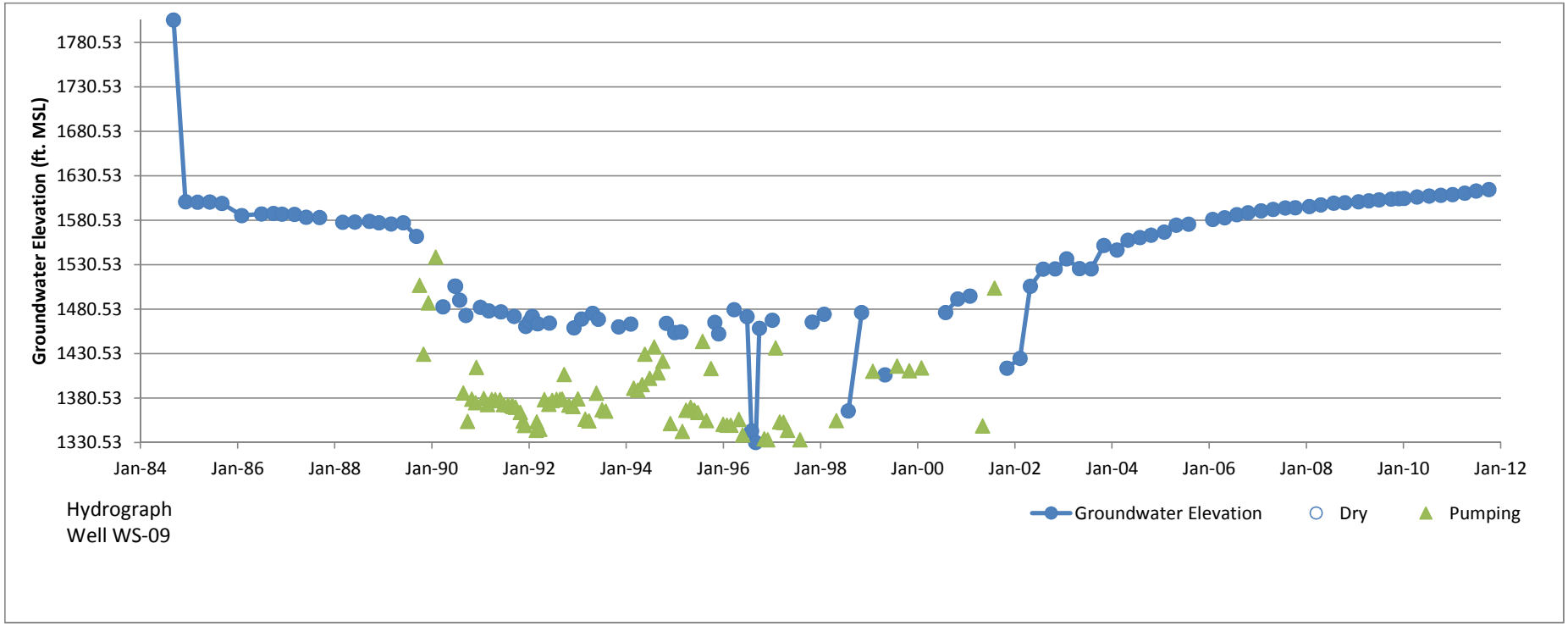

Groundwater Elevation (ft. MSL)
1592.69
1572.69
1552.69
1532.69
1512.69
1492.69
1472.69
1452.69
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well WS-04A
Groundwater Elevation
Dry
Pumping

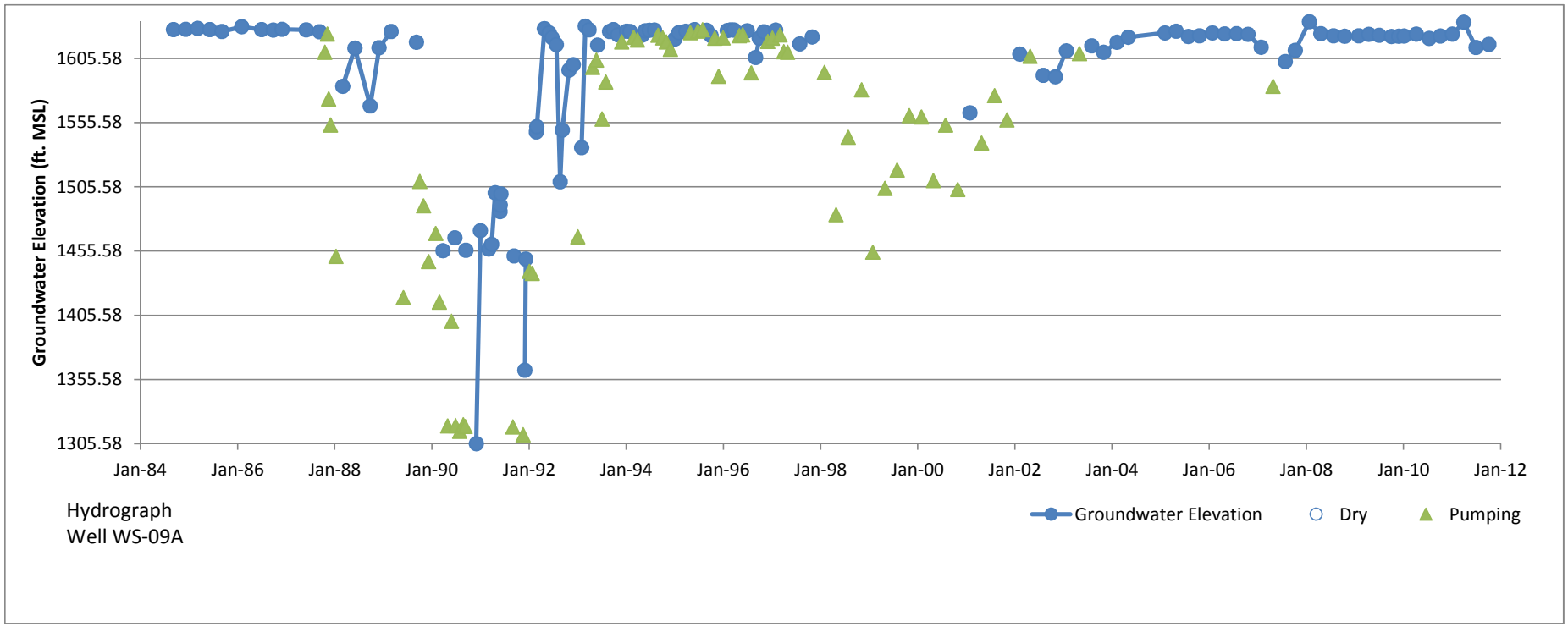

Groundwater Elevation (ft. MSL)
1585.2
1535.2
1485.2
1435.2
1385.2
1335.2
1285.2
1235.2
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well WS-05
Groundwater Elevation
Dry
Pumping

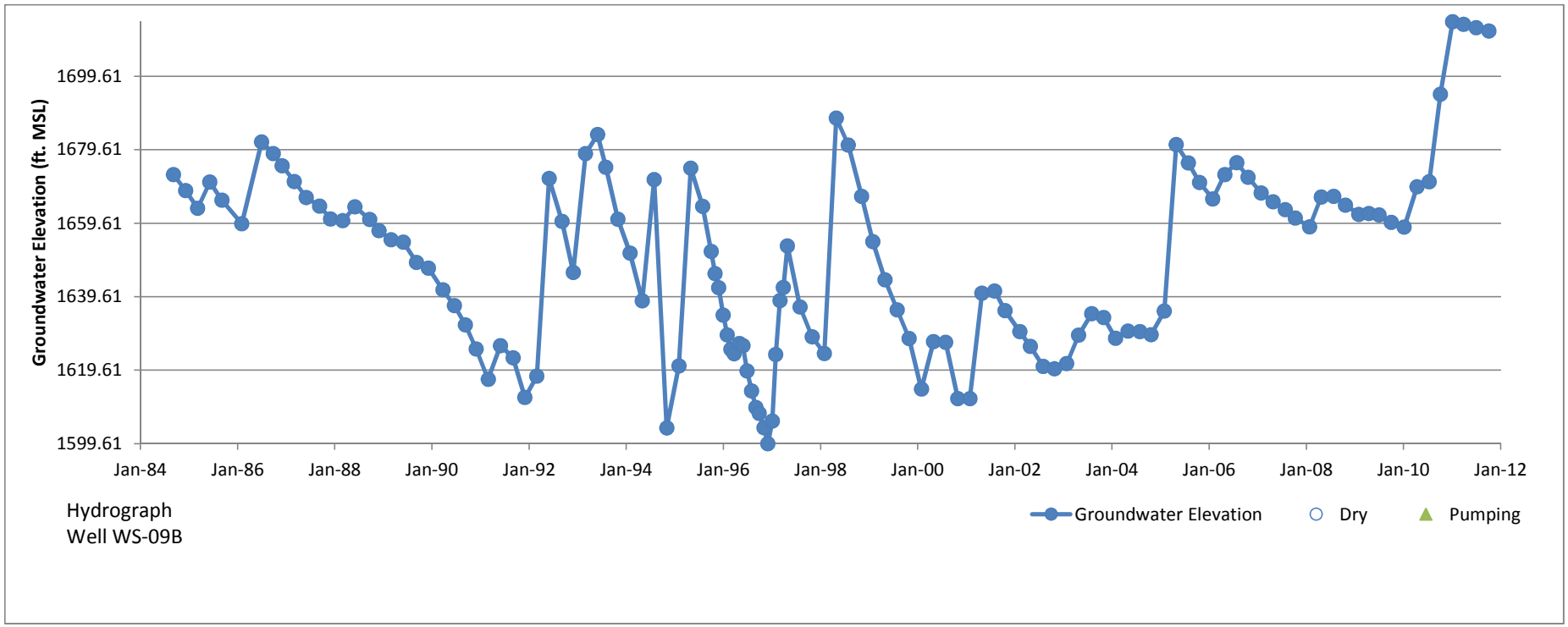

Groundwater Elevation (ft. MSL)
1595.19
1575.19
1555.19
1535.19
1515.19
1495.19
1475.19
1455.19
1435.19
1415.19
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well WS-06
Groundwater Elevation
Dry
Pumping

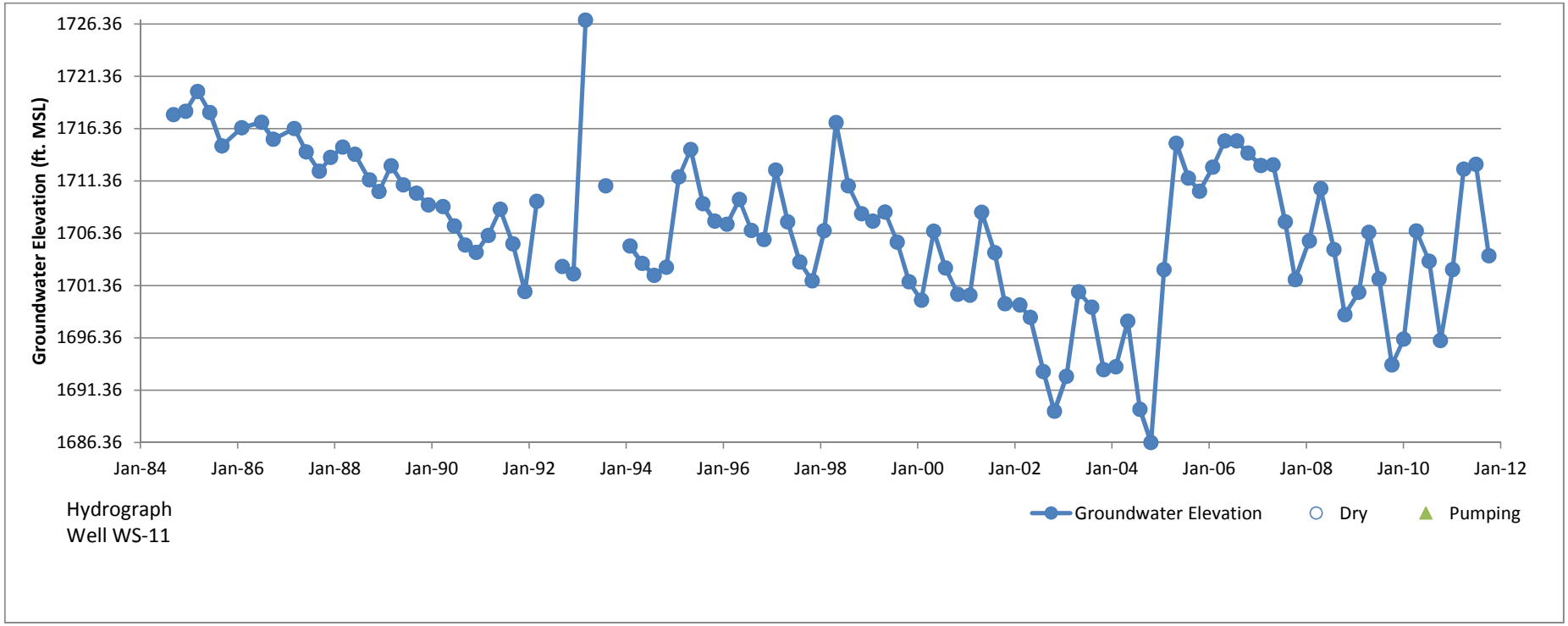

Groundwater Elevation (ft. MSL)
1787.01
1777.01
1767.01
1757.01
1747.01
1737.01
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well WS-07
Groundwater Elevation
Dry
Pumping

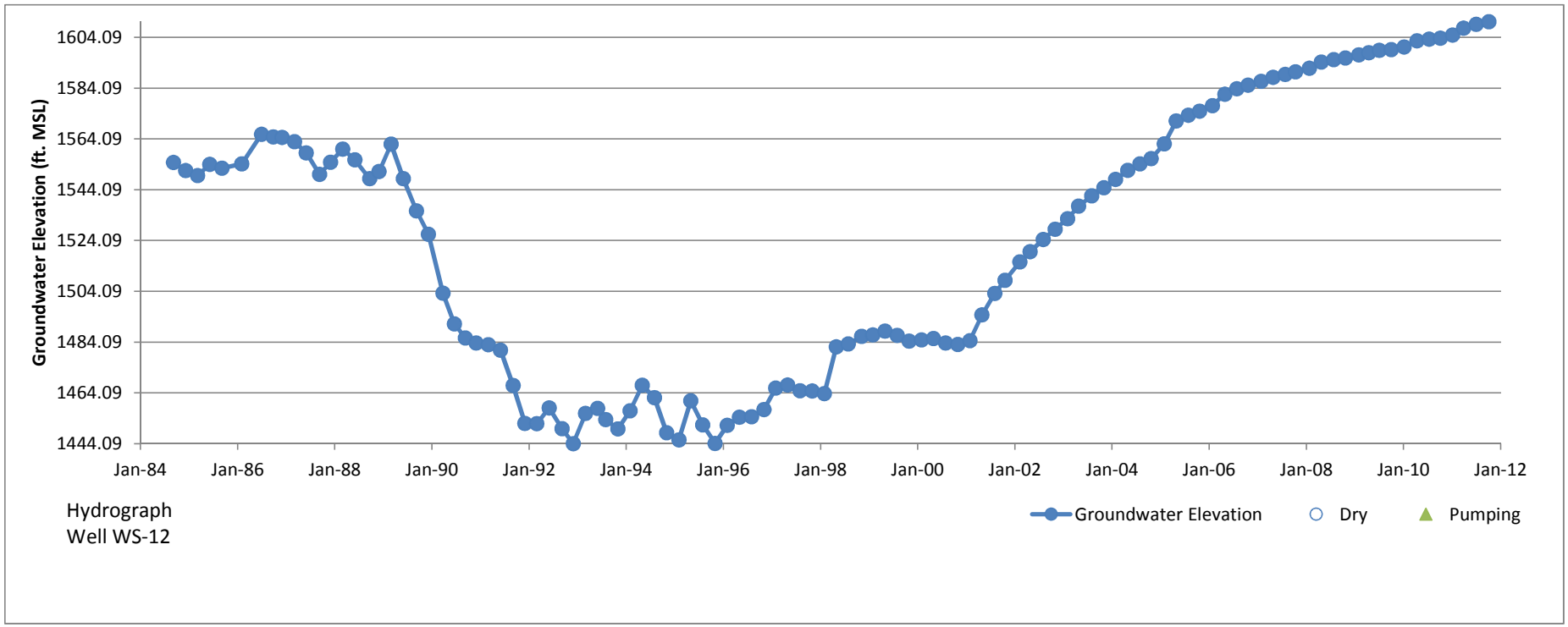

Groundwater Elevation (ft. MSL)
1667.69
1647.69
1627.69
1607.69
1587.69
1567.69
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well WS-08
Groundwater Elevation
Dry
Pumping

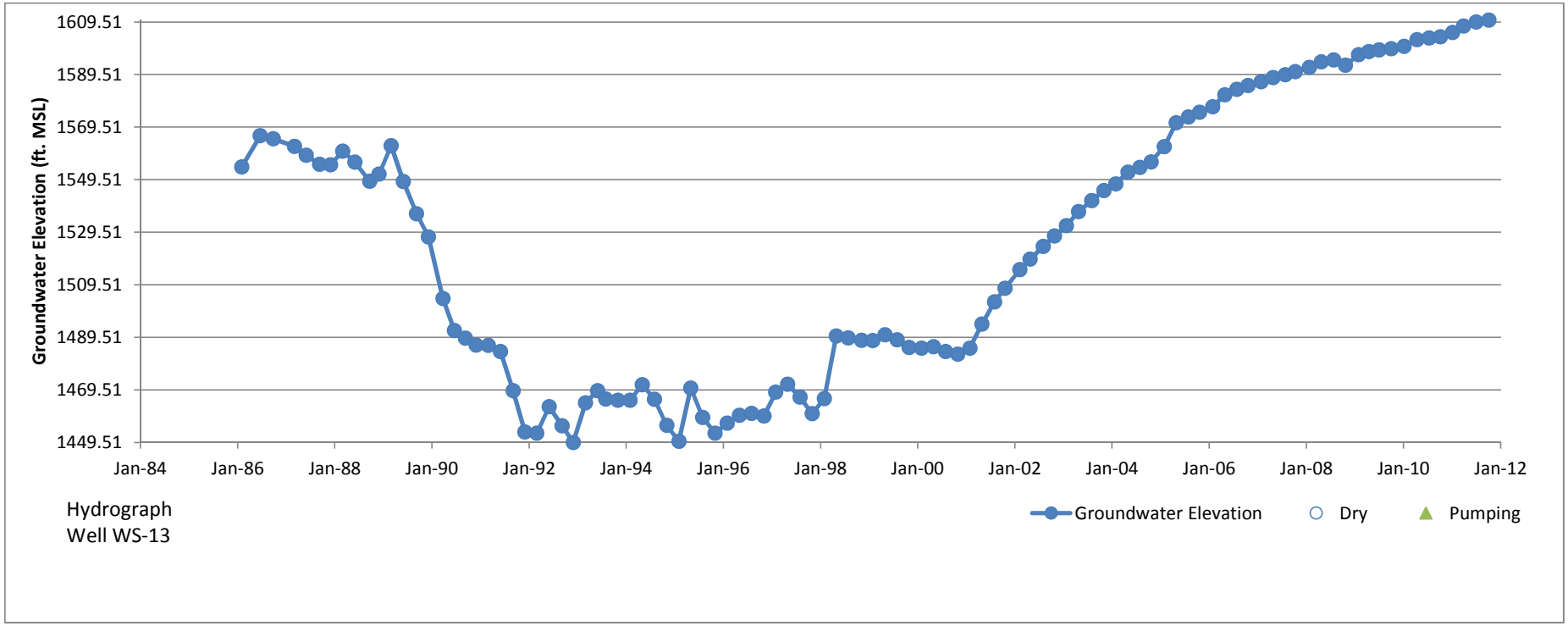

Groundwater Elevation (ft. MSL)
1780.53
1730.53
1680.53
1630.53
1580.53
1530.53
1480.53
1430.53
1380.53
1330.53
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well WS-09
Groundwater Elevation
Dry
Pumping

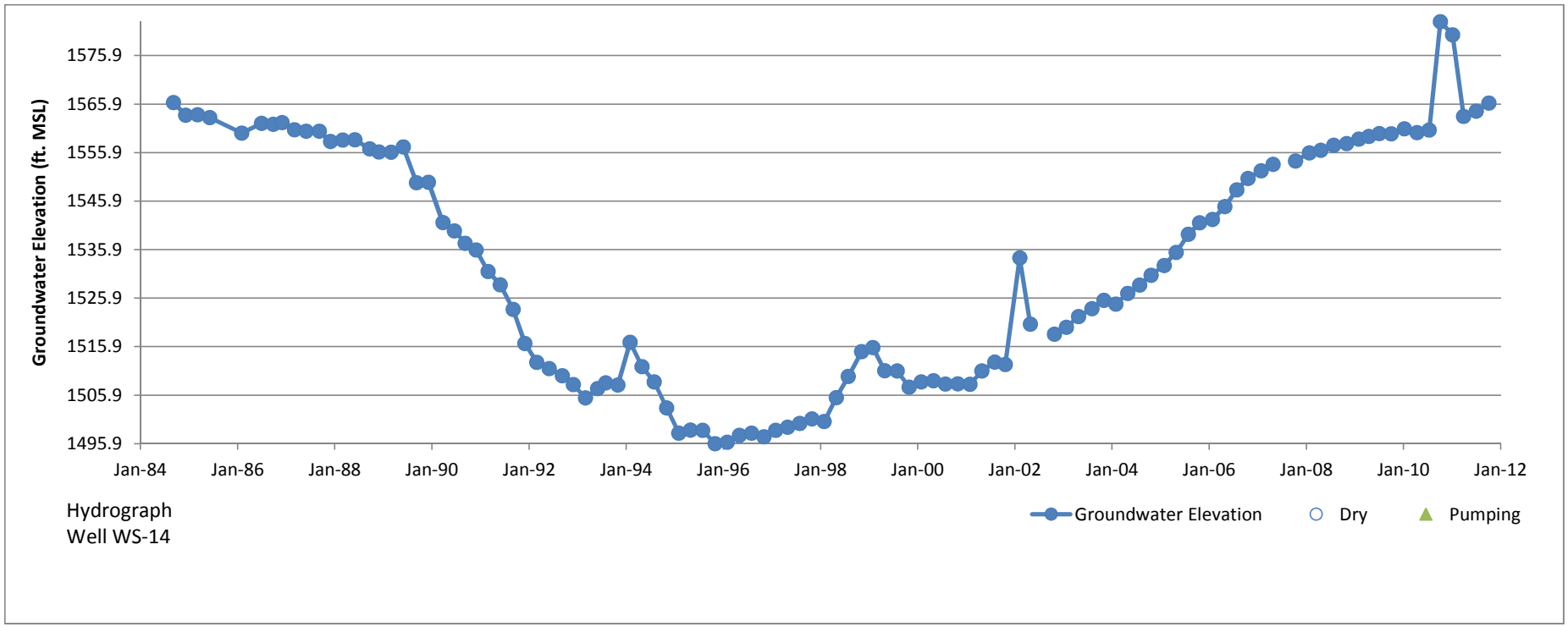

Groundwater Elevation (ft. MSL)
1605.58
1555.58
1505.58
1455.58
1405.58
1355.58
1305.58
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well WS-09A
Groundwater Elevation
Dry
Pumping

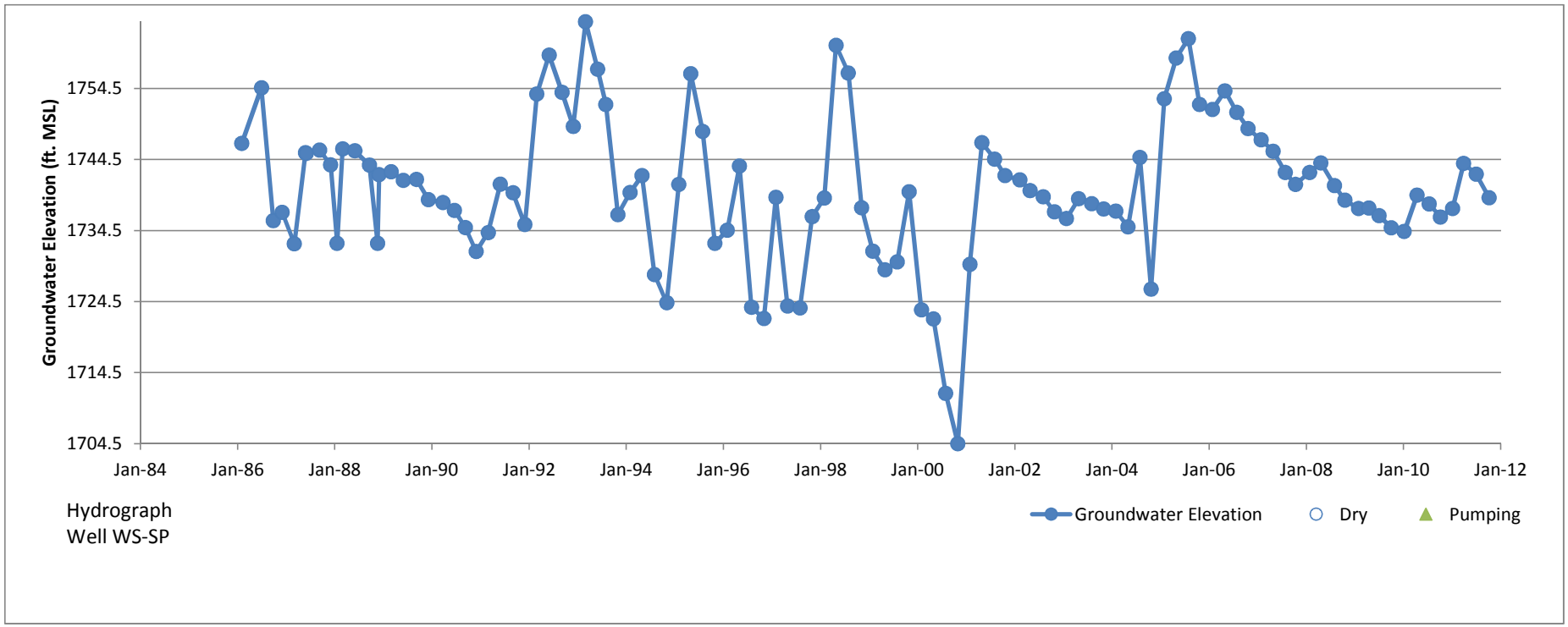

Groundwater Elevation (ft. MSL)
1699.61
1679.61
1659.61
1639.61
1619.61
1599.61
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well WS-09B
Groundwater Elevation
Dry
Pumping


Groundwater Elevation (ft. MSL)
1726.36
1721.36
1716.36
1711.36
1706.36
1701.36
1696.36
1691.36
1686.36
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well WS-11
Groundwater Elevation
Dry
Pumping


Groundwater Elevation (ft. MSL)
1604.09
1584.09
1564.09
1544.09
1524.09
1504.09
1484.09
1464.09
1444.09
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well WS-12
Groundwater Elevation
Dry
Pumping

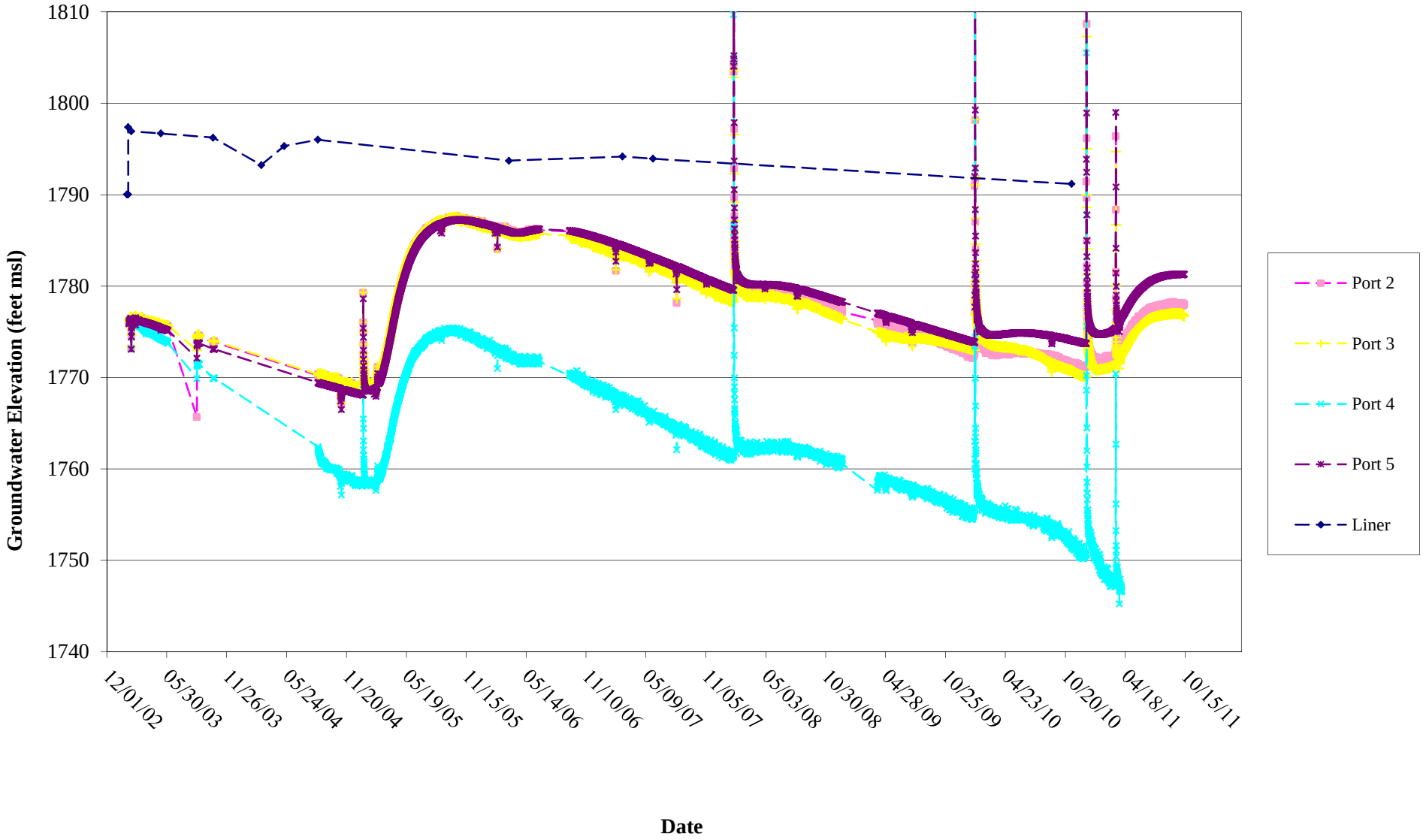

1609.51
1589.51
1569.51
1549.51
1529.51
1509.51
1489.51
1469.51
1449.51
Groundwater Elevation (ft. MSL)
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well WS-13
Groundwater Elevation
Dry
Pumping


Groundwater Elevation (ft. MSL)
1575.9
1565.9
1555.9
1545.9
1535.9
1525.9
1515.9
1505.9
1495.9
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well WS-14
Groundwater Elevation
Dry
Pumping

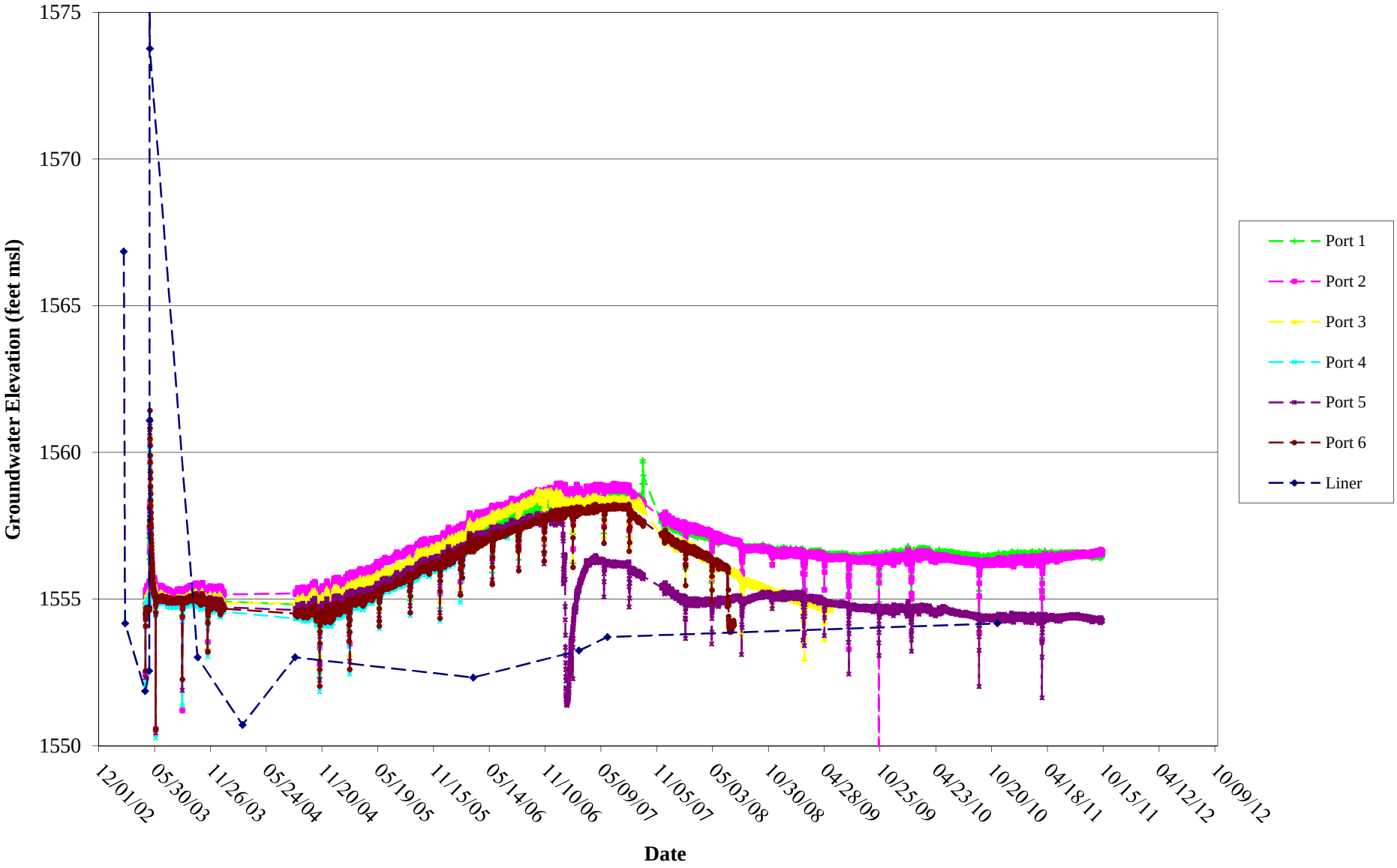

Groundwater Elevation (ft. MSL)
1754.5
1744.5
1734.5
1724.5
1714.5
1704.5
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
Hydrograph
Well WS-SP
Groundwater Elevation
Dry
Pumping

FLUTe WELLS

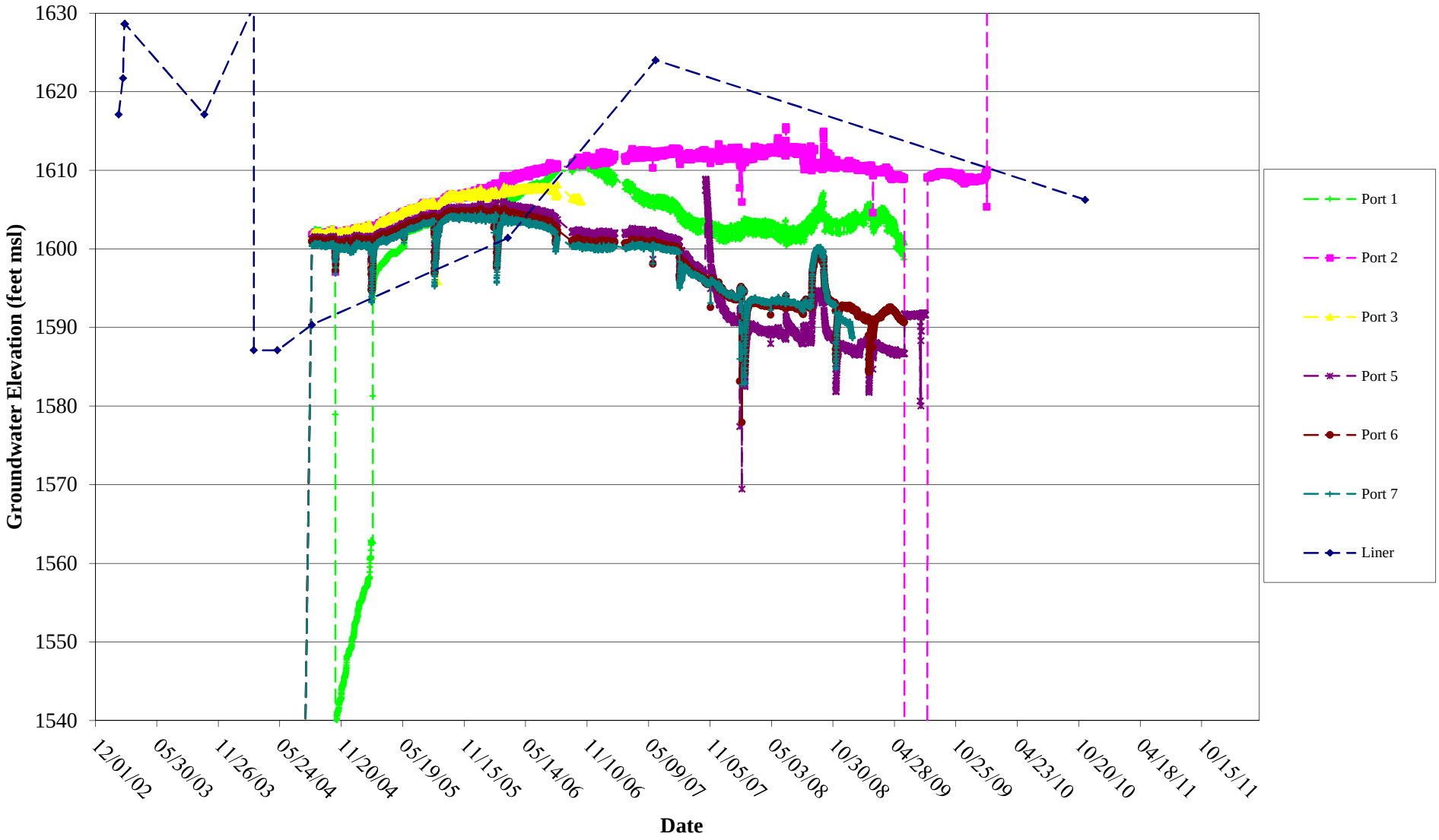
RD-21 FLUTe Liner
Groundwater Elevation vs Time
Top-of-Casing Reference Elevation = 1866.96 feet msl



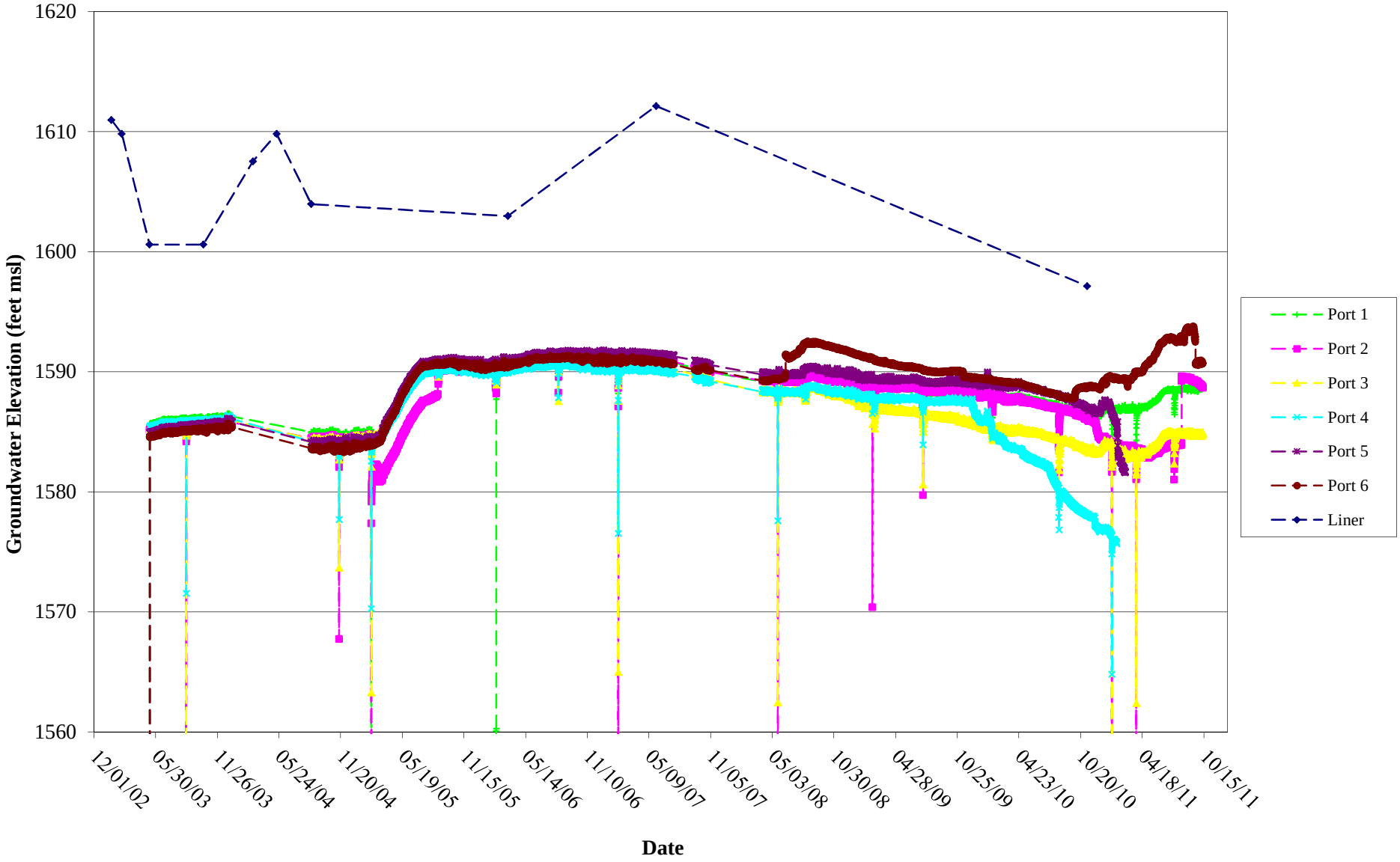
RD-22 FLUTe Liner
Groundwater Elevation vs Time
Top-of-Casing Reference Elevation = 1853.41 feet msl



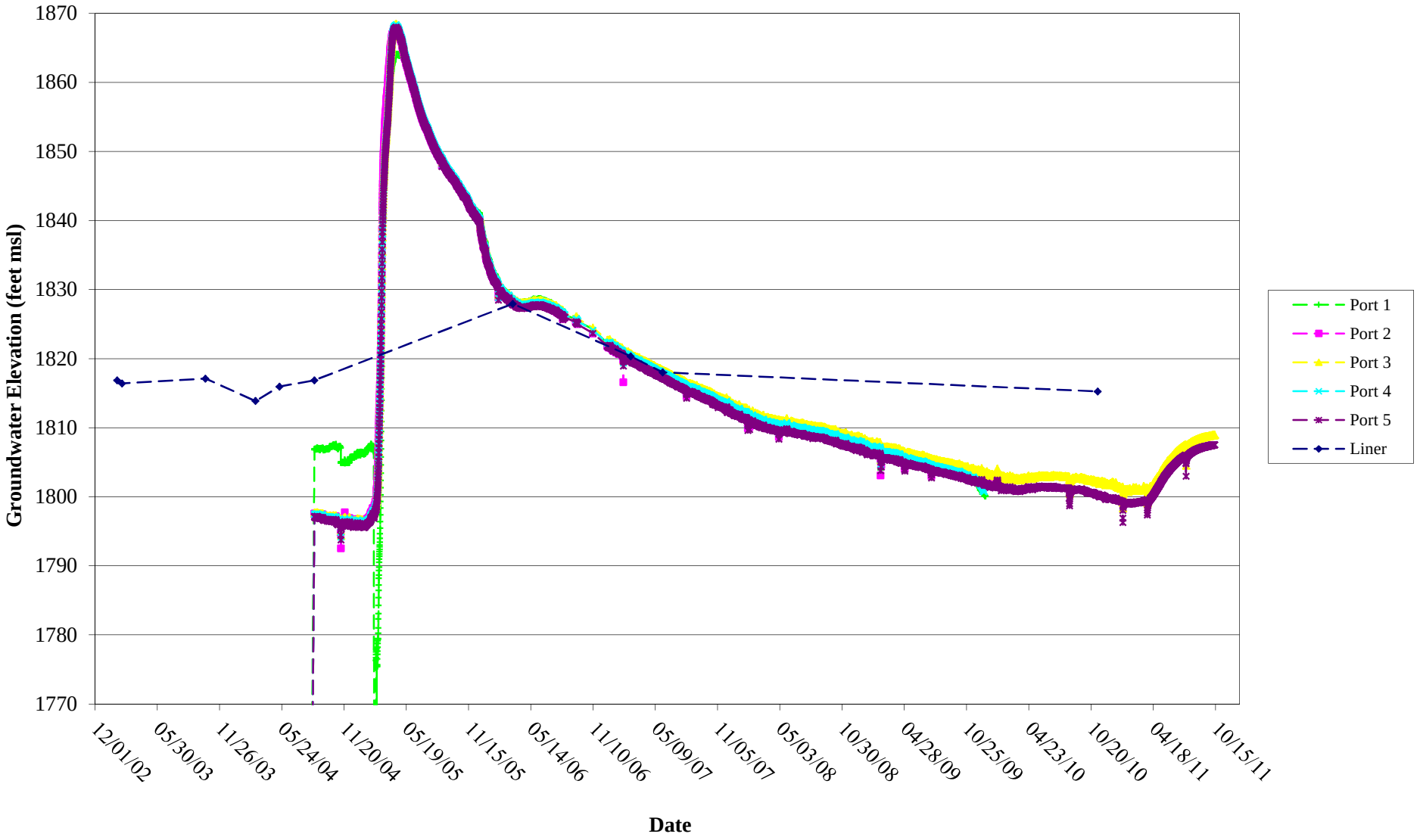
RD-23 FLUTe Liner
Groundwater Elevation vs Time
Top-of-Casing Reference Elevation = 1836.37 feet msl



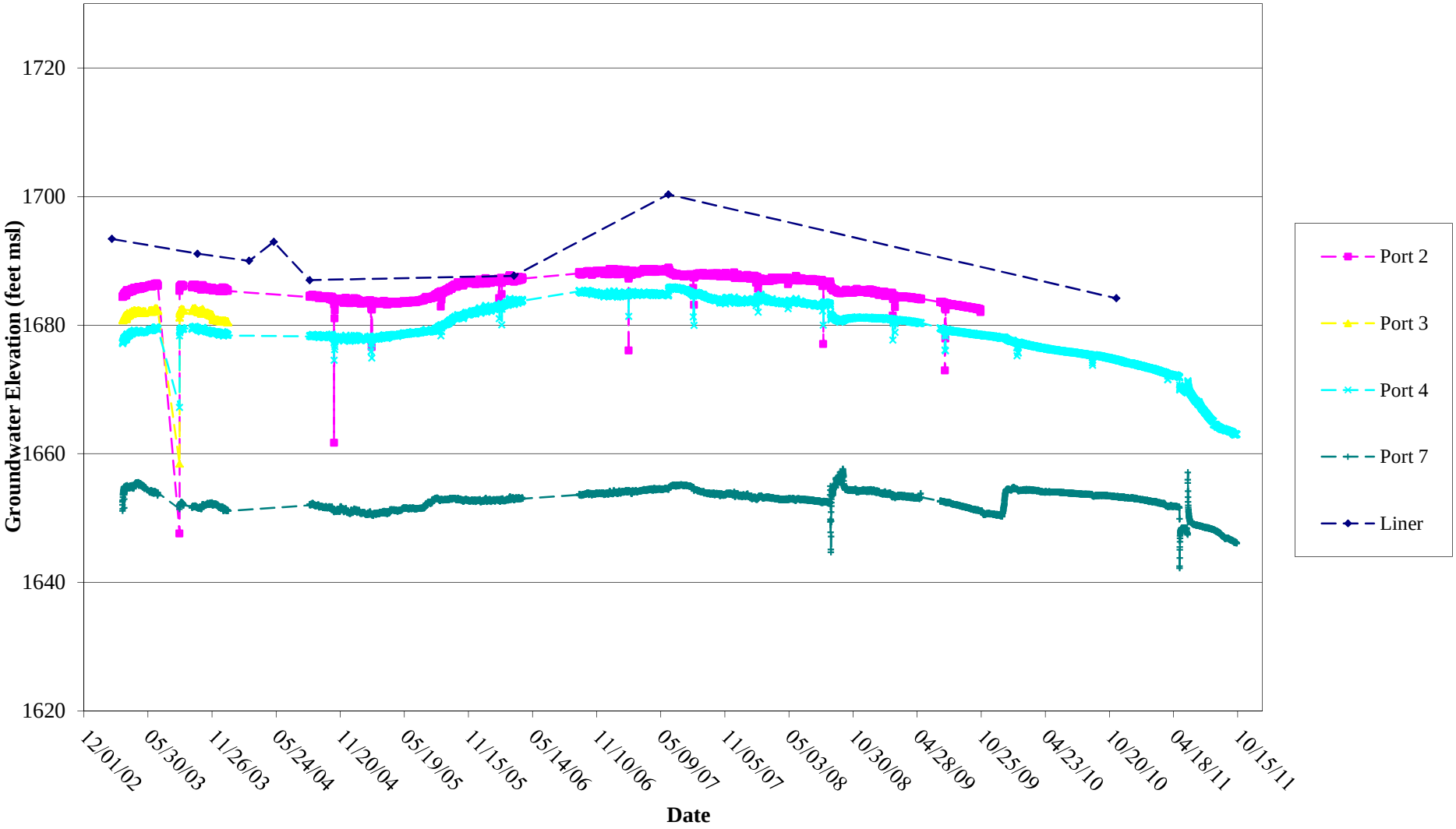
RD-33A FLUTe Liner
Groundwater Elevation vs Time
Top-of-Casing Reference Elevation = 1792.97 feet msl



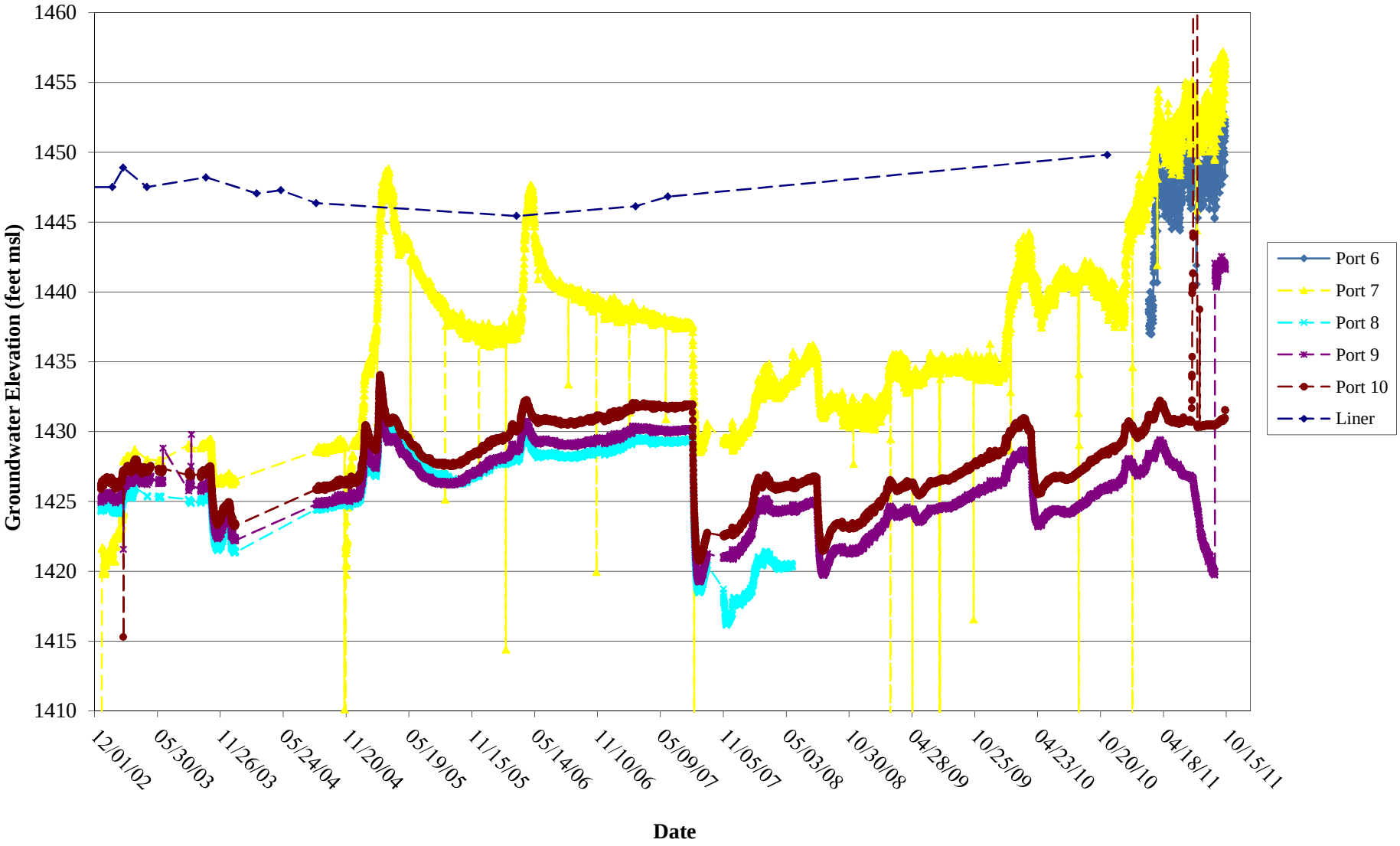
RD-50 FLUTe Liner
Groundwater Elevation vs Time
Top-of-Casing Reference Elevation = 1914.88 feet msl



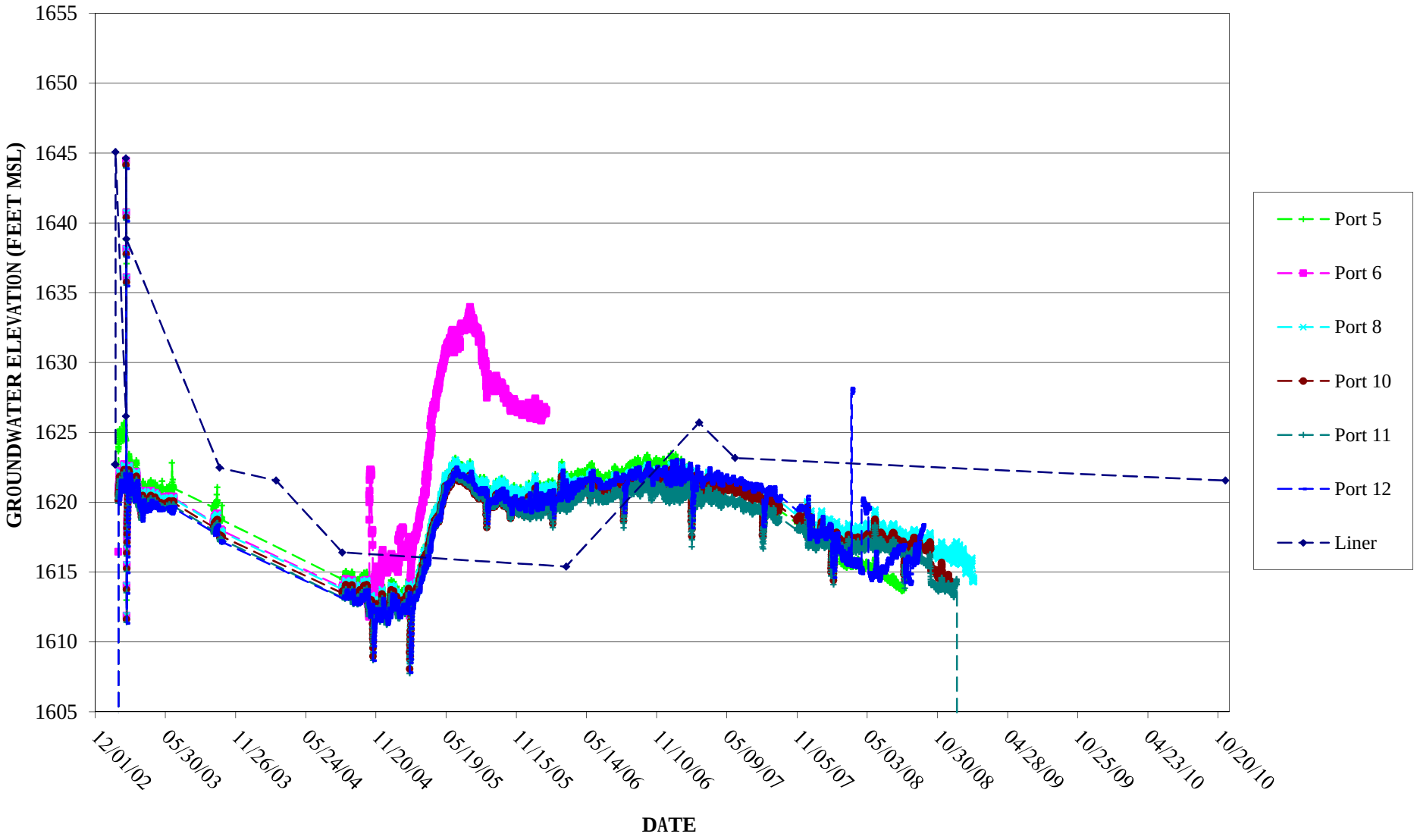
RD-54A FLUTe Liner
Groundwater Elevation vs Time
Top-of-Casing Reference Elevation = 1834.99 feet msl



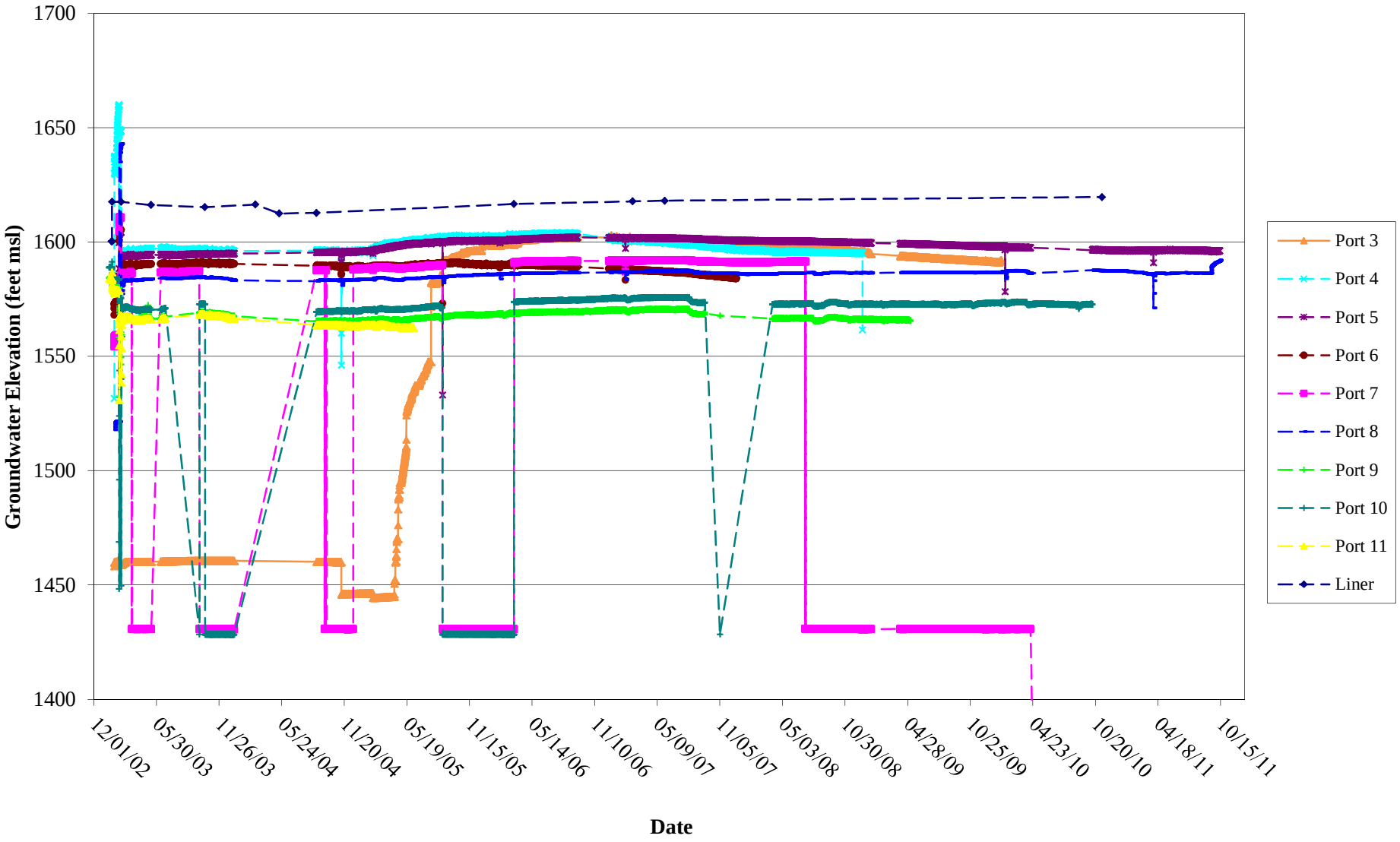
RD-57 FLUTe Liner
Groundwater Elevation vs Time
Top-of-Casing Reference Elevation = 1774.15 feet msl



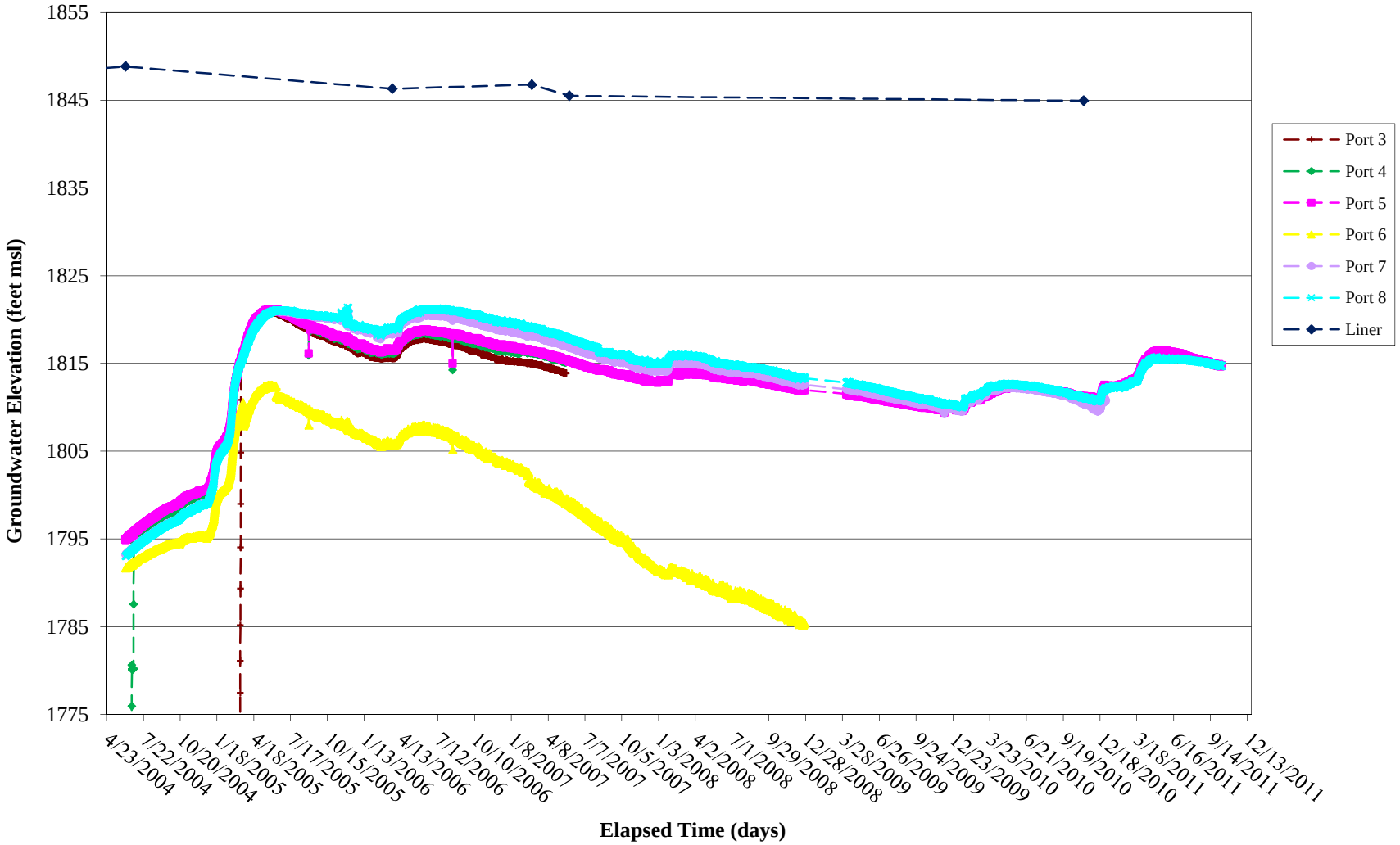
RD-64 FLUTE LINER
GROUNDWATER ELEVATION VS TIME
TOP-OF-CASING REFERENCE ELEVATION = 1852.40 FEET MSL



RD-65 FLUTe Liner
Groundwater Elevation vs Time
Top-of-Casing Reference Elevation = 1819.14 feet msl

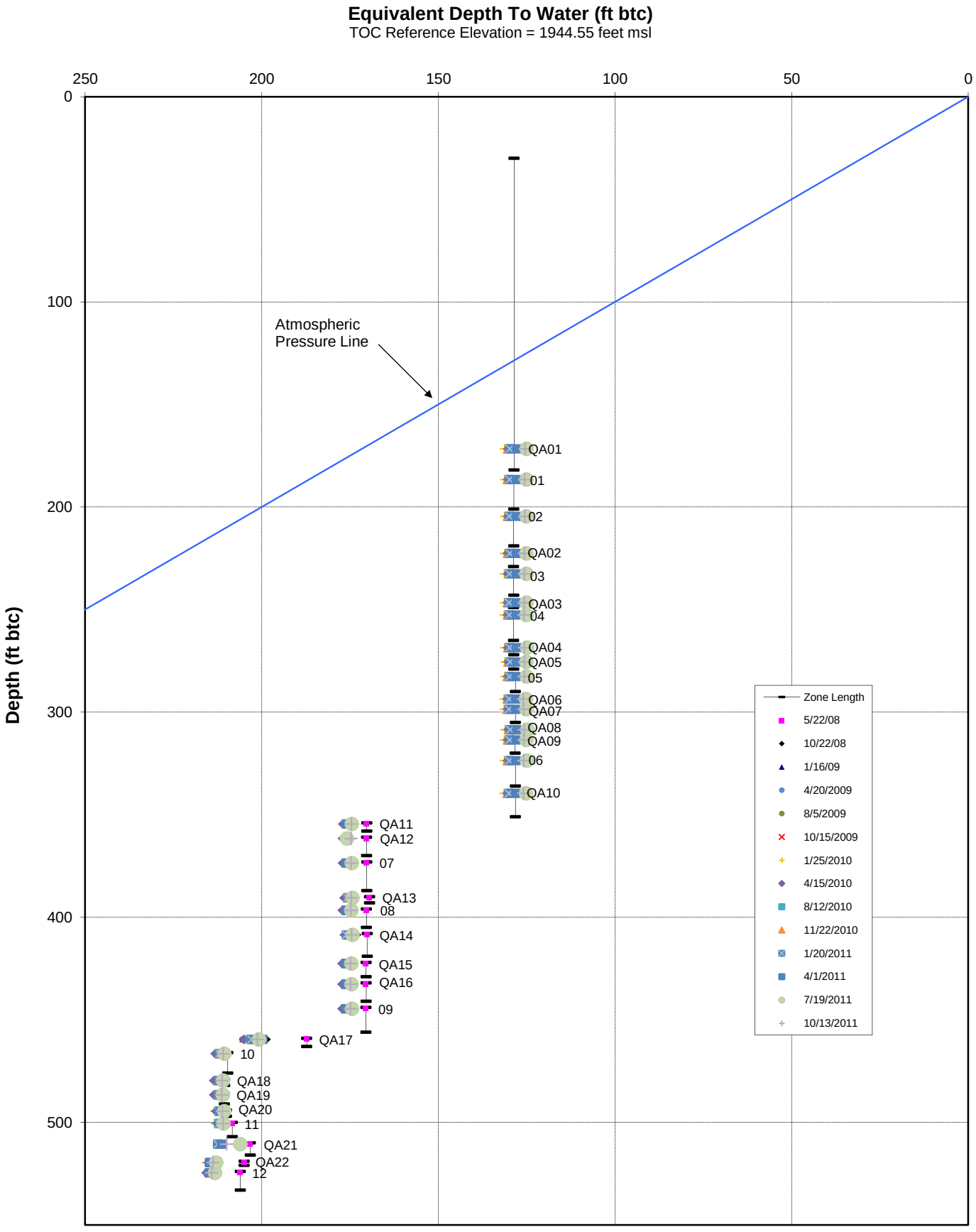


RD-72 FLUTe Liner Groundwater Elevation vs Time
Top-of-Casing Reference Elevation = 1907.25 feet msl

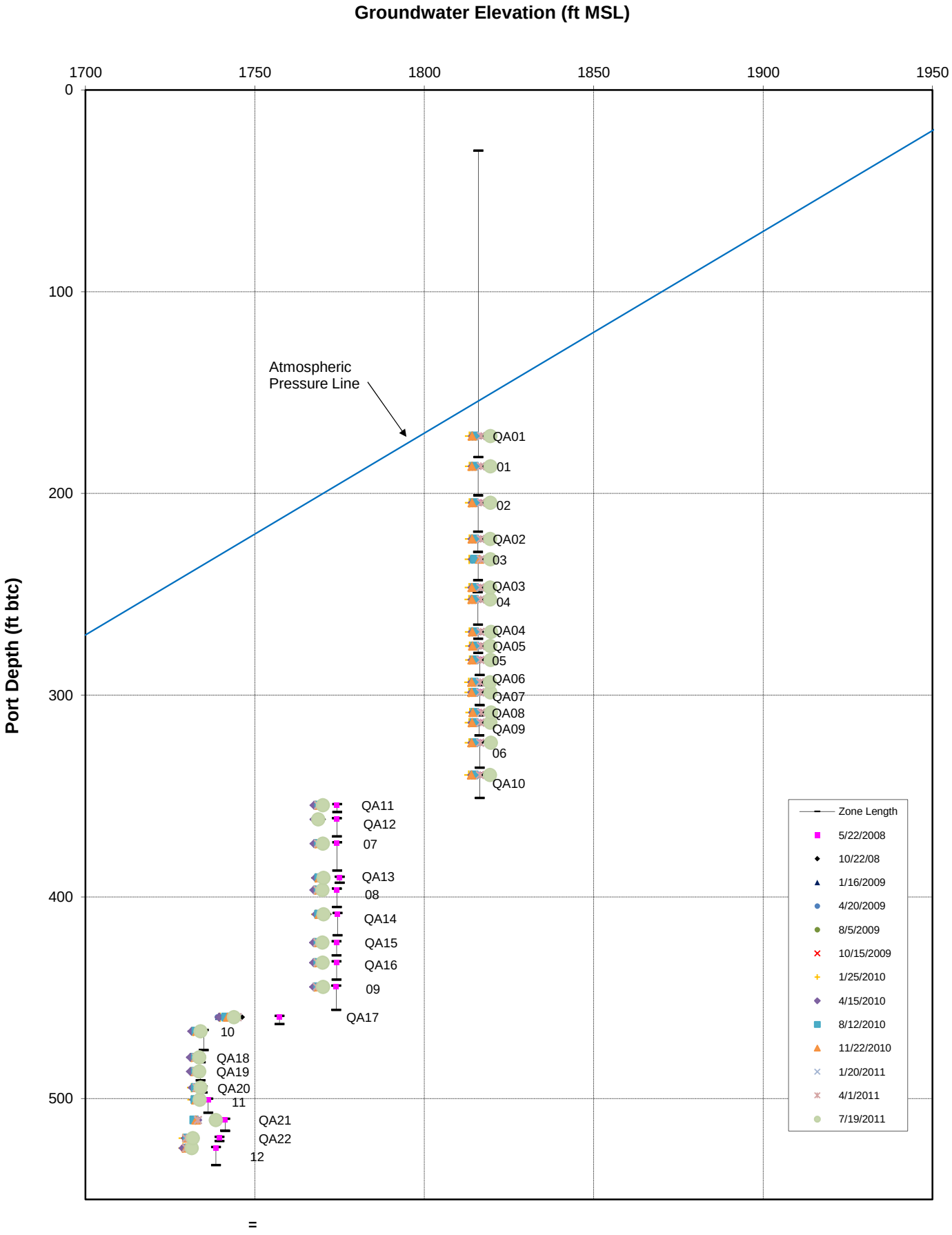


WESTBAY WELLS

Piezometric Profile
RD-31 Westbay Multilevel System

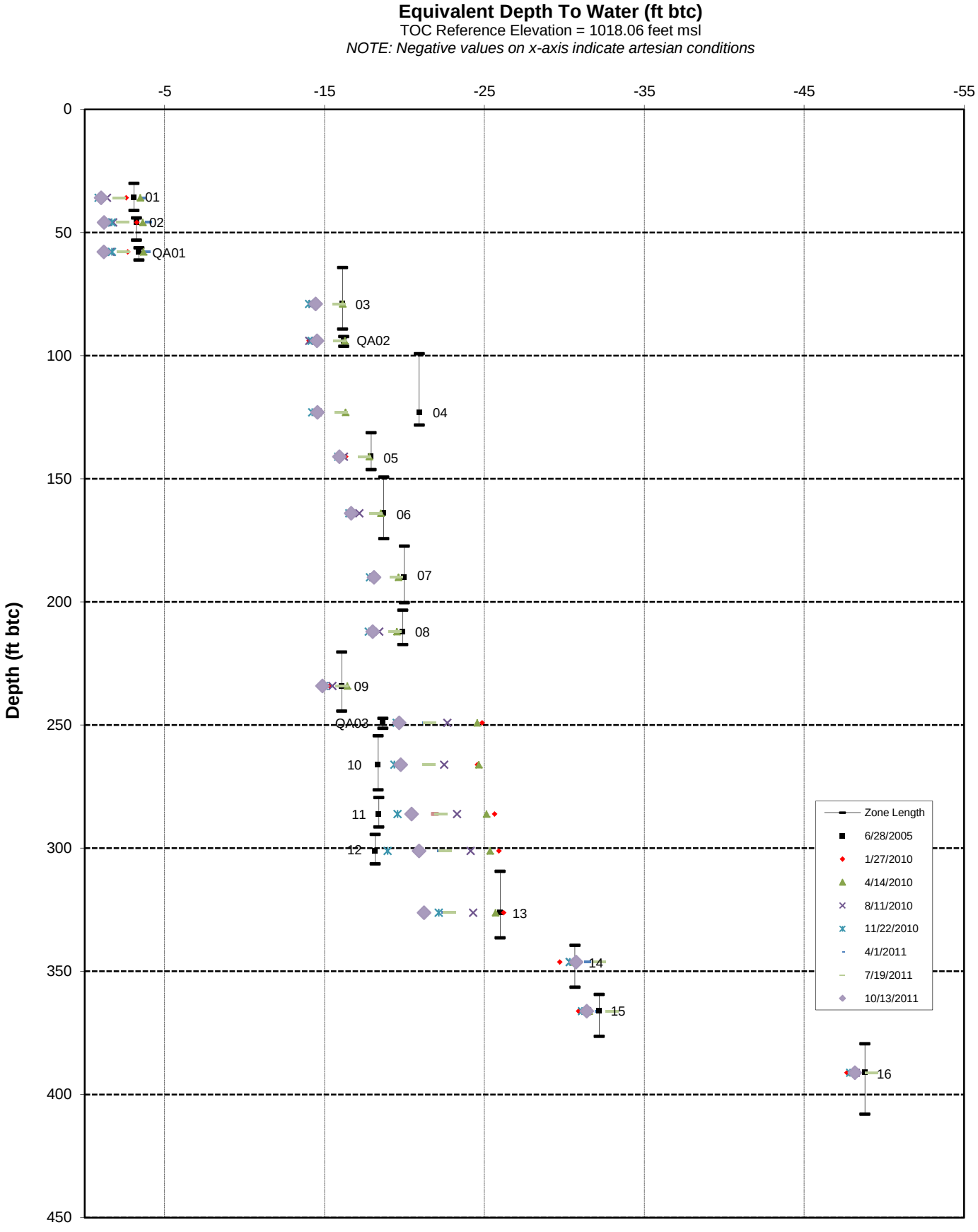


Piezometric Profile
RD-31 Westbay Multilevel System

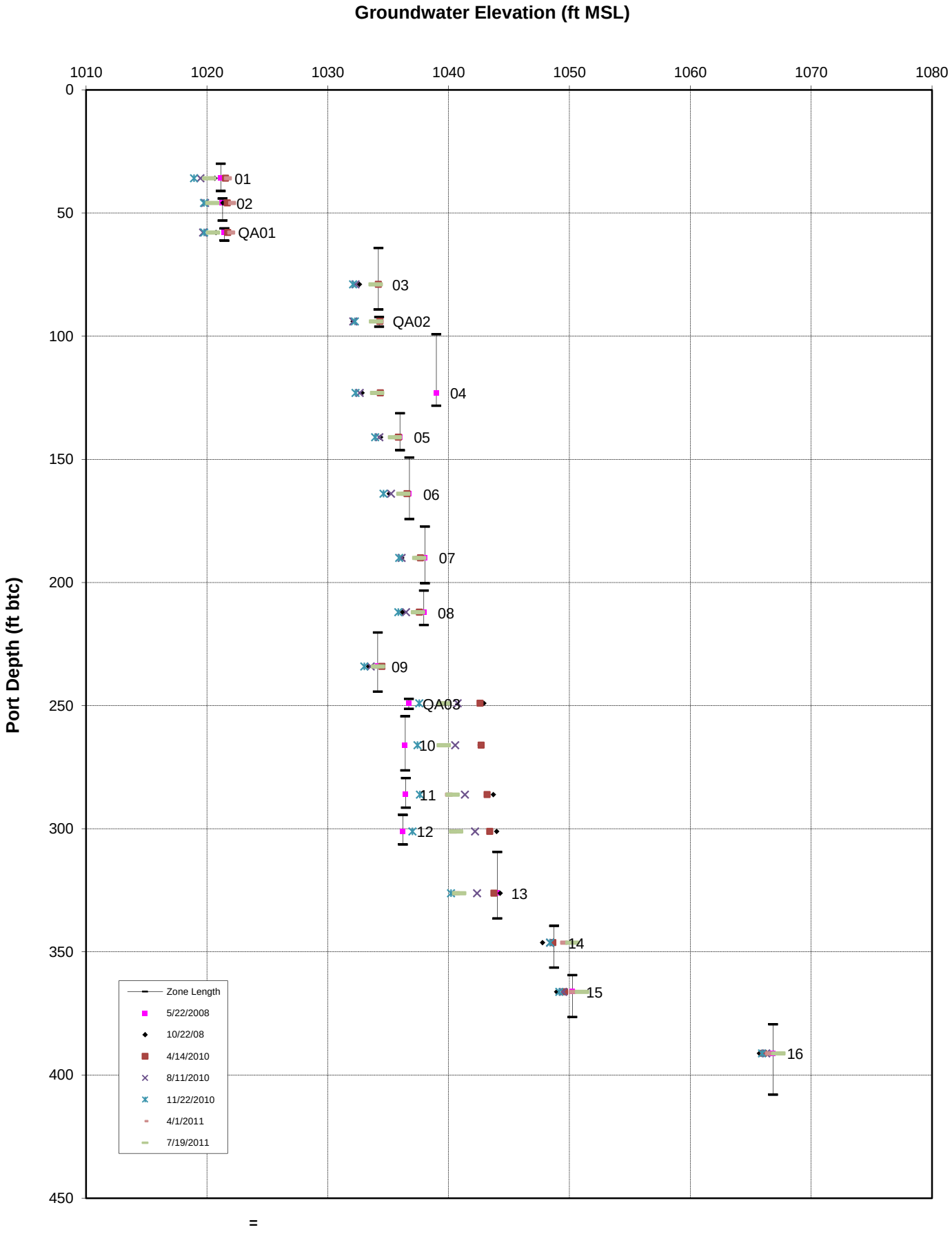


=

Piezometric Profile
OS-09R Westbay Multilevel System



OS-09R Westbay Multilevel System



=