

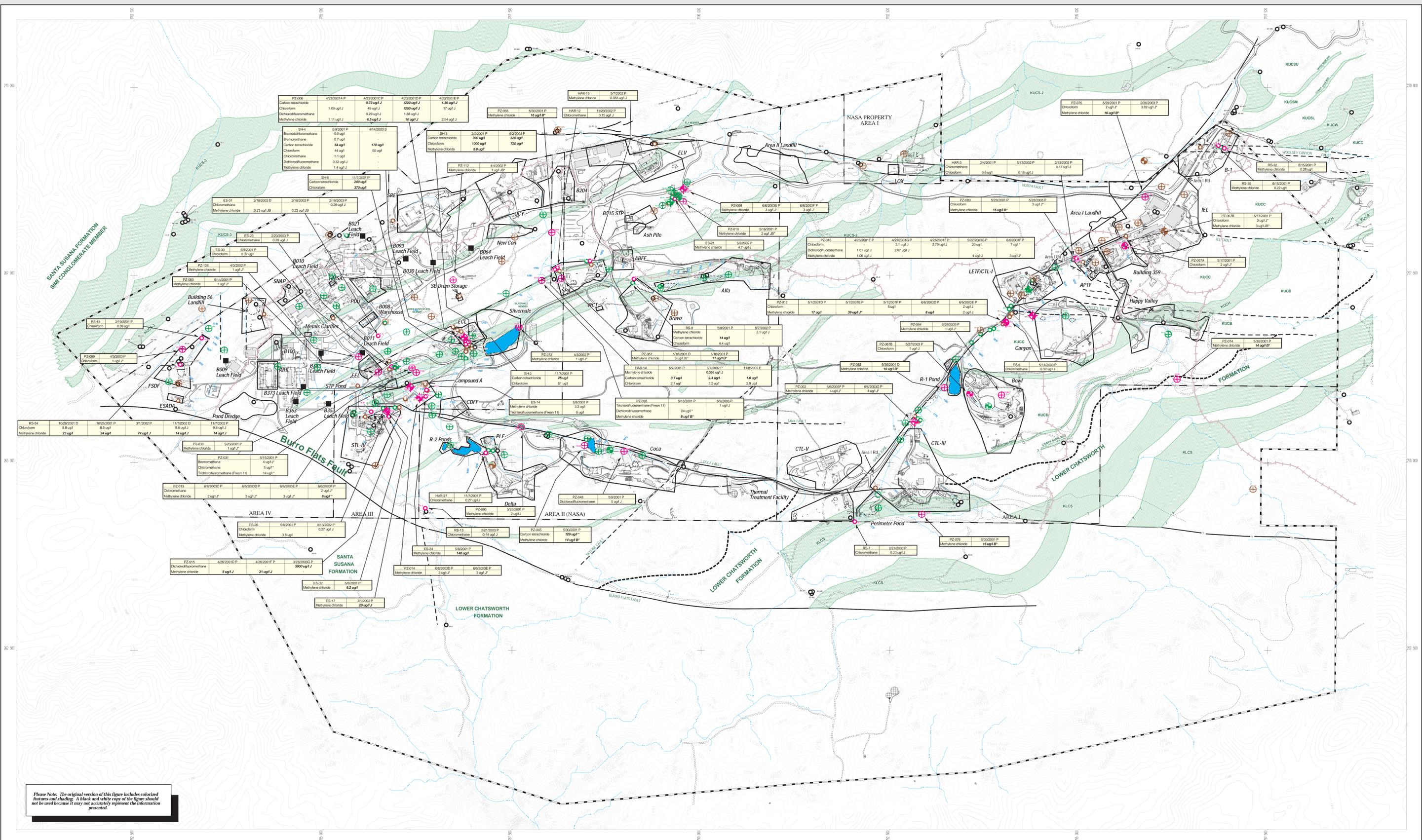
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Please Note: The original version of this figure includes colored features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

LEGEND

○ Existing Chatsworth Formation Groundwater Well	○ Sampled, No Detects	○ Not Sampled	PZ-010 Sample Location ID
● Near-Surface Wells, Sampled COPC(s) detected	● Sampled, No Detects	● Not Sampled	4112/2003A Data Well Pore Number
○ Alluvium Piezometer, Sampled COPC(s) detected	○ Sampled, No Detects	○ Not Sampled	P Primary Sample
⊕ Standard Piezometer, Sampled COPC(s) detected	⊕ Sampled, No Detects	⊕ Not Sampled	D Duplicate Sample
⊕ Paired Piezometer, Sampled COPC(s) detected	⊕ Sampled, No Detects	⊕ Not Sampled	S Split Sample
⊕ Multilevel Piezometer, Sampled COPC(s) detected	⊕ Sampled, No Detects	⊕ Not Sampled	J Analyte Positively Identified, Associated Numerical Value Is Considered Estimated
○ Approximate Location of Surface Water Divide	○ Sampled, No Detects	○ Not Sampled	NU Analyte Tentatively Identified, Associated Numerical Value Is Considered Estimated
○ RFI Site Boundary	○ Sampled, No Detects	○ Not Sampled	B Analyte Was Detected in Blank Sample
○ Approximate Near-Surface Groundwater Elevation Contours in Feet Above Mean Sea Level (Dashed Where Inferred) - May 2003	○ Sampled, No Detects	○ Not Sampled	E Result Exceeded Calibration Range
	○ Sampled, No Detects	○ Not Sampled	D Sample Was Diluted Prior to Analysis
	○ Sampled, No Detects	○ Not Sampled	ND Analyte Not Detected
	○ Sampled, No Detects	○ Not Sampled	NS Not Sampled for VOCs
	○ Sampled, No Detects	○ Not Sampled	Not Analyzed Or Rejected During Data Validation

REI SITES

AREA I

- SWMU 4.1 - Old B-1 Area (B-1)
- SWMU 4.2 - Area I Landfill
- SWMUs 4.3, 4.4 and AOC - Instrument and Equipment Laboratories (EL)
- SWMU 4.5, 4.6 - LOX Plant Former Sump/Clarifier & Drum Disposal Area (LOX)
- SWMU 4.7 - Component Test Laboratory III (CTL-III) Area
- SWMU 4.8 - Thermal Treatment Facility (TTF) RCRA Permitted Unit
- SWMU 4.9 - AOC - Advanced Propulsion Test Facility (APT) Area
- SWMU 4.12 - Laser Engineering Test Facility (LET) Component

Test Lab I (CTL-I) Area

- SWMU 4.14 - Canyon Area
- SWMU 4.15 and AOC - Bowl Area (Bowl) and Building 901 Leachfield
- SWMU 4.16 - Area I Reservoir (R-1 Pond)
- SWMU 4.17 - Perimeter Pond
- AOC - Building 359 Sump (B-359)
- AOC - Happy Valley Area
- AOC - Component Test Laboratory V (CTL-V)

AREA II

- SWMU 5.1 - Area II Landfill

AREA II (cont)

- SWMU 5.2 - ELV Final Assembly, Building 206 (ELV)
- SWMU 5.3 and AOC - Building 204 Underground Storage Tanks (B204)
- SWMU 5.6 - Former Incinerator Ash Pile (Ash Pile)
- SWMU 5.7 - Hazardous Waste Storage Area/Waste Coolant Tank (WCT)
- SWMUs 5.9, 5.10, 5.11 - Alfa Area
- SWMUs 5.12, 5.13, 5.14, 5.15 - Alfa Bravo Skim Pond and Bravo Area
- SWMU 5.18 - Coca Area
- SWMU 5.20, 5.21, 5.22 - Propellant Load Facility (PLF)
- SWMU 5.23 - Delta Area
- SWMU 5.26 - R-2A and R-2B Ponds
- AOC - Building 515 Sewage Treatment Plant (B515 STP)
- AOC - Storage Propellant Area (SPA)
- AOC - Alfa/Bravo Fuel Farm (ABFF)
- AOC - Coca/Delta Fuel Farm (CDFF)

AREA III

- SWMUs 6.1, 6.3, AOC - Engineering Chemistry Laboratory (ECL) Area
- SWMU 6.4 - Compound A Facility
- SWMU 6.5 - Systems Test Laboratory IV (STL-IV) Area
- SWMU 6.8 - Silvernate Reservoir

AREA III (cont)

- SWMU 6.9 - Environmental Effects Laboratory (EEL)
- AOC - Sewage Treatment Plant (STP) Pond Area
- AREA IV
- SWMU 7.1 - Building 56 Landfill (B56 Landfill)
- SWMU 7.3 - Former Sodium Disposal Facility (FSD)
- SWMU 7.4 - Old Conservation Yard (Old Con)
- SWMU 7.5 - Building 100 Trench (B100)
- SWMU 7.7 - Rockwell International Hot Laboratory (RHL)
- SWMU 7.8 - New Conservation Yard (New Con)
- SWMU 7.10 - Former Coal Gasification PDU (ESADA)
- AOC - Hazardous Materials Storage Area (HMSA)
- AOC - Metals Laboratory Clarifier
- AOC - Pond Dredge Area
- AOC - Sodium Reactor Experiment (SRE) Complex
- AOC - SE Drum Storage Yard
- AOC - SNAP Facility

Base Map Legend

- Existing or Removed Building or Structure
- Surface Water Ponds
- SSFL Property Boundary
- Administrative Area Boundary
- A/C Curbing
- Dirt Road
- Possible Ponds (approx. location)

Geology Legend

- Shale Units (KUCS, KUCS-1A, KUCS-1B, KUCS-2, KUCS-3)
- Faults
- Faults (Approximate)
- Estimated Contact Line

Notes:

- Map coordinates in Sillitoe, NAD 27, Zone V.
- Geologic base map by MWH (in progress, 2002).

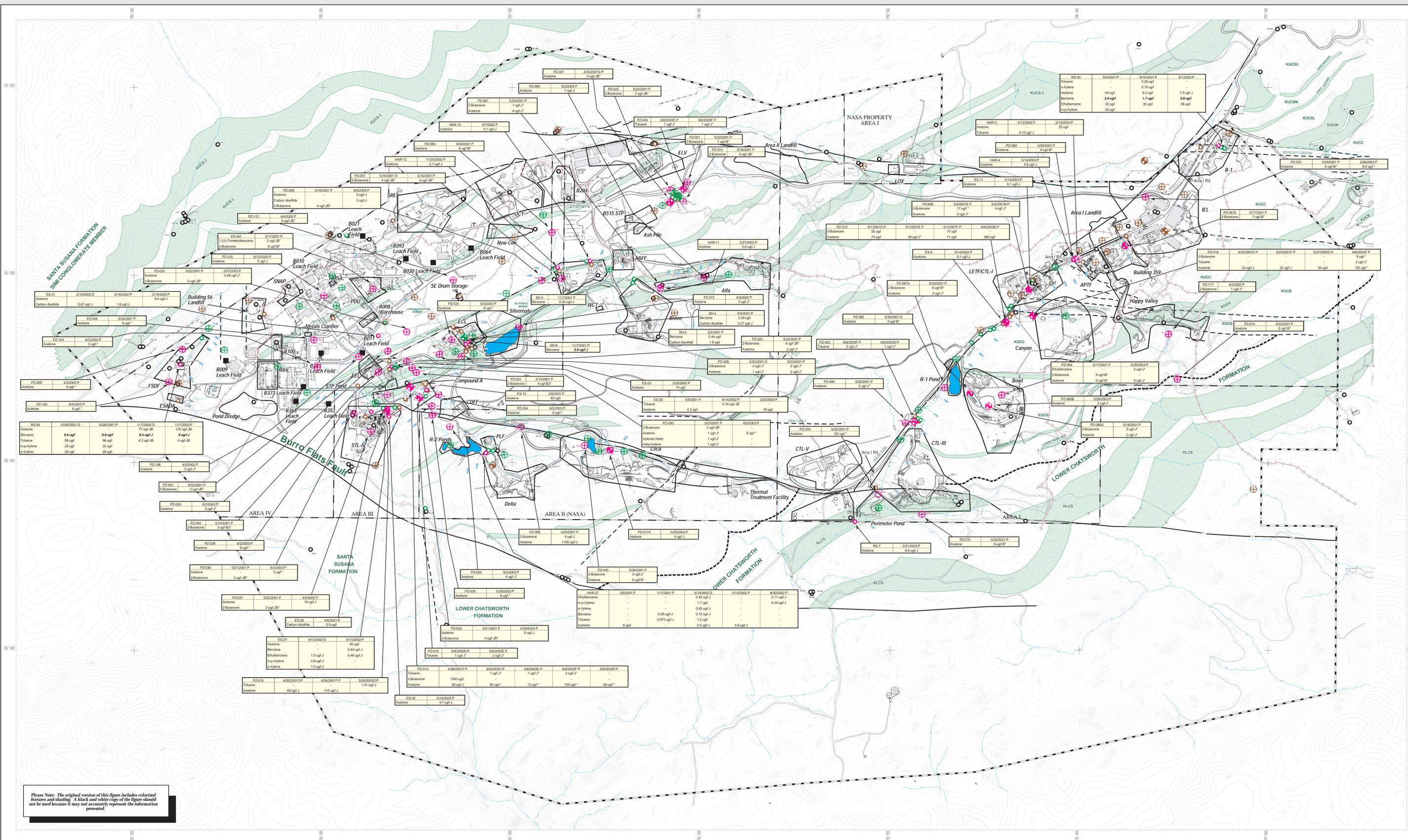
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Analytical Results for Near-Surface Groundwater Wells and Piezometers Sampled for Halogenated Methanes

Santa Susana Field Laboratory

1 inch = 400 feet

PLATE 5-4



Please Note: The original version of this figure includes colored patterns and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

LEGEND

	Existing Chatsworth Formation Groundwater Well		Sampled, No Detects		Not Sampled
	Near Surface Wells, Sampled COC(s) detected		Sampled, No Detects		Not Sampled
	Alluvium Piezometer, Sampled COC(s) detected		Sampled, No Detects		Not Sampled
	Standard Piezometer, Sampled COC(s) detected		Sampled, No Detects		Not Sampled
	Paired Piezometer, Sampled COC(s) detected		Sampled, No Detects		Not Sampled
	Multilevel Piezometer, Sampled COC(s) detected		Sampled, No Detects		Not Sampled
	Approximate Location of Surface Water Divide				
	RFI Site Boundary				
	Approximate Near-Surface Groundwater Elevation Contours in Feet Above Mean Sea Level (Dashed Where Inferred) - May 2003				

REI SITES

AREA I

- SWMU 4.1 - Old B-1 Area (B-1)
- SWMU 4.2 - Area I Landfill
- SWMUs 4.3, 4.4 and AOC - Instrument and Equipment Laboratories (EL)
- SWMU 4.5,4.6 - LOX Plant Former Sump/Clarifier & Drum Disposal Area (LOX)
- SWMU 4.7 - Component Test Laboratory III (CTL-III) Area
- SWMU 4.8 - Thermal Treatment Facility (TTF) RCRA Permitted Unit
- SWMU 4.9 - AOC - Advanced Propulsion Test Facility (APTF) Area
- SWMU 4.12 - Laser Engineering Test Facility (LETFF)/Component Test Lab I (CTL-I) Area
- SWMU 4.14 - Canyon Area
- SWMU 4.15 and AOC - Bowl Area (Bowl) and Building 901 Leachfield
- SWMU 4.16 - Area I Reservoir (R-1 Pond)
- SWMU 4.17 - Perimeter Pond
- AOC - Building 359 Sump (B-359)
- AOC - Happy Valley Area
- AOC - Component Test Laboratory V (CTL-V)
- AREA II
- SWMU 5.1 - Area II Landfill

AREA II (cont)

- SWMU 5.2 - ELV Final Assembly, Building 206 (ELV)
- SWMU 5.5 and AOC - Building 204 Underground Storage Tanks (B204)
- SWMU 5.6 - Former Incinerator Ash Pile (Ash Pile)
- SWMU 5.7 - Hazardous Waste Storage Area/Waste Coolant Tank (WCT)
- SWMUs 5.12, 5.13, 5.14, 5.15 - Alfa/Bravo Skim Pond and Bravo Area
- SWMU 5.18 - Thermal Treatment Facility (TTF) RCRA Permitted Unit
- SWMU 5.20, 5.21, 5.22 - Propellant Load Facility (PLF)
- SWMU 5.23 - Delta Area
- SWMU 5.26 - R-2A and R-2B Ponds
- AOC - Building 515 Sewage Treatment Plant (B515 STP)
- AOC - Storage Propellant Area (SPA)
- AOC - Alfa/Bravo Fuel Farm (ABFF)
- AOC - Coca/Delta Fuel Farm (CDDF)
- AREA III
- SWMUs 6.1, 6.3, AOC - Engineering Chemistry Laboratory (ECL) Area
- SWMU 6.4 - Component A Facility
- SWMU 6.5 - Systems Test Laboratory IV (STL-IV) Area
- SWMU 6.8 - Silvernate Reservoir

AREA III (cont)

- SWMU 6.9 - Environmental Effects Laboratory (EEL)
- AOC - Sewage Treatment Plant (STP) Pond Area
- AREA IV
- SWMU 7.1 - Building 56 Landfill (B56 Landfill)
- SWMU 7.3 - Former Sodium Disposal Facility (FSDF)
- SWMU 7.4 - Old Conservation Yard (Old Con)
- SWMU 7.5 - Building 100 Trench (B100)
- SWMU 7.7 - Rockwell International Hot Laboratory (RHL)
- SWMU 7.8 - New Conservation Yard (New Con)
- SWMU 7.9 - ESADA Chemical Storage Area (ESADA)
- SWMU 7.10 - Former Coal Gasification PDU (PDU)
- AOC - Hazardous Materials Storage Area (HMSA)
- AOC - Metals Laboratory Clarifier
- AOC - Pond Dredge Area
- AOC - Sodium Reactor Experiment (SRE) Complex
- AOC - SE Drum Storage Yard
- AOC - SNAP Facility

Base Map Legend

- Existing or Removed Building or Structure
- Surface Water Ponds
- SSFL Property Boundary
- Administrative Area Boundary
- A/C Curbing
- Dirt Road
- Possible Ponds (approx. location)

Geology Legend

- Shale Units (KLCS, KUCS-1A, KUCS-1B, KUCS-2, KUCS-3)
- Faults
- Faults (Approximate)
- Estimated Contact Line

Notes:

- (1) Map coordinates in Slatkoff, NAD 83, Zone V
- (2) Geologic base map by MWH (in progress, 2002)

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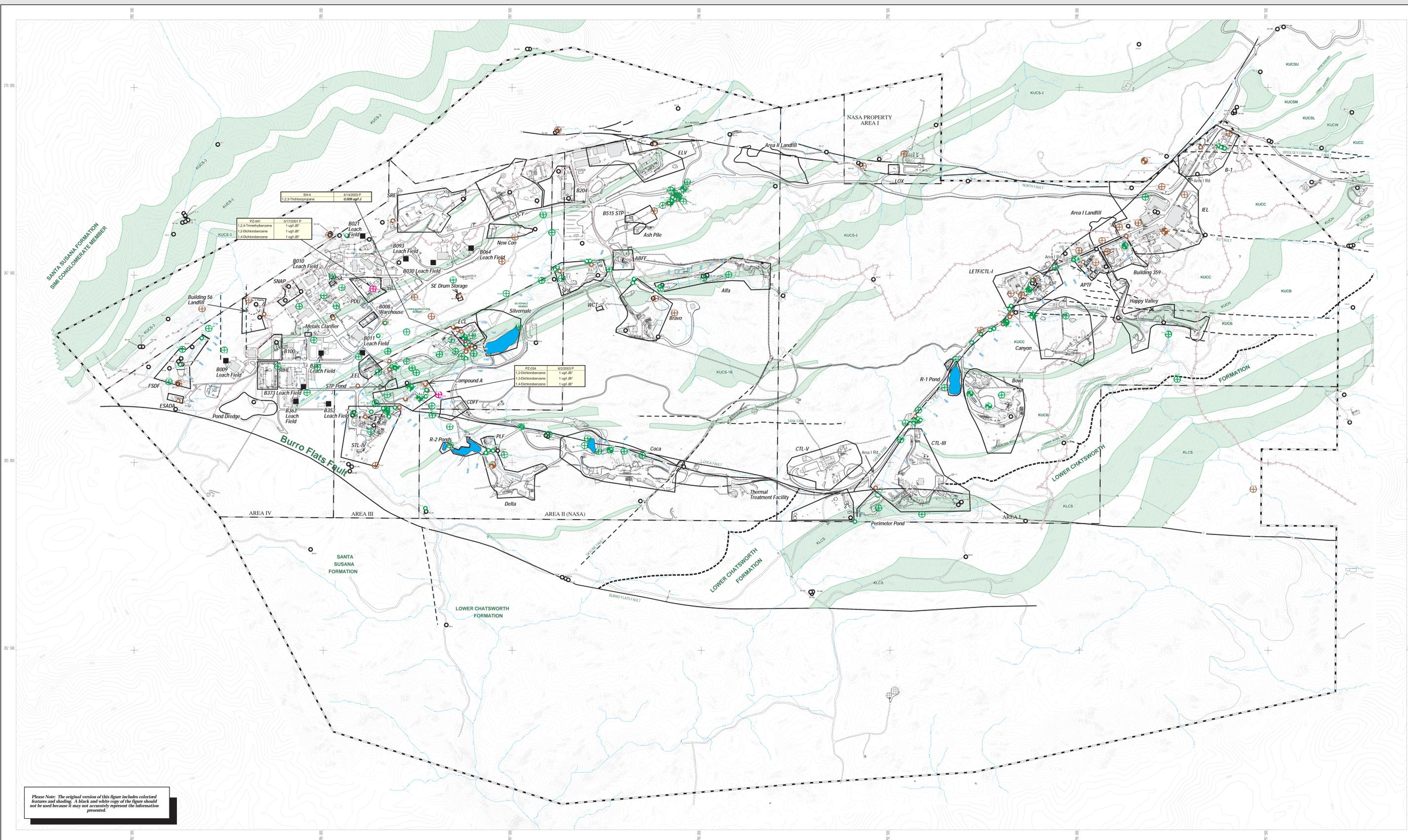
Analytical Results for Near-Surface Groundwater Wells and Piezometers Sampled for Non-Halogenated VOCs

Santa Susana Field Laboratory

MWH

1 inch = 400 feet

PLATE 5-5



Please Note: The original version of this figure includes colored features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

LEGEND

○ Existing Chatsworth Formation Groundwater Well	● Sampled, No Detects	○ Not Sampled
○ Near-Surface Wells, Sampled COPC(s) detected	● Sampled, No Detects	○ Not Sampled
○ Alluvium Piezometer, Sampled COPC(s) detected	● Sampled, No Detects	○ Not Sampled
⊕ Standard Piezometer, Sampled COPC(s) detected	● Sampled, No Detects	○ Not Sampled
⊕ Paired Piezometer, Sampled COPC(s) detected	● Sampled, No Detects	○ Not Sampled
⊕ Multilevel Piezometer, Sampled COPC(s) detected	● Sampled, No Detects	○ Not Sampled
○ Approximate Location of Surface Water Divide		
~ RFI Site Boundary		
~ Approximate Near-Surface Groundwater Elevation Contours in Feet Above Mean Sea Level (Dashed Where Inferred) - May 2003		

PZ-010	Sample Location ID
4172003A	Date/Well Print Number
P	Primary Sample
D	Duplicate Sample
S	Split Sample
mg/l	Milligrams Per Liter (ppm)
ug/l	Micrograms Per Liter (ppb)
ng/l	Nanograms Per Liter
J	Analyte Positively Identified, Associated Numerical Value Is Considered Estimated
NU	Analyte Tentatively Identified, Associated Numerical Value Is Considered Estimated
B	Analyte Was Detected In Blank Sample
E	Result Exceeded Calibration Range
D	Sample Was Diluted Prior To Analysis
ND	Analyte Not Detected
NS	Not Sampled For VOCs
	Not Analyzed Or Rejected During Data Validation

Notes: (1) Analyte concentrations greater than Primary MCLs or DHS action levels are shown in bold.
 (2) - Identifies locations in the geology where uncertainties exist. These uncertainties may or may not be important or resolvable. Resolving the uncertainties will be evaluated based on their potential importance in the overall understanding of the effect of these features on groundwater flow and contaminant transport.
 (3) Cosmic data analyzed between 1/1/02 & 3/31/03 are qualified as estimated (E) because their CA certification lapsed. However, this administrative lapse did not affect the quality of their analysis (see section 3.8.2.2 of report). See Table 3-10 for sample locations analyzed by Cosmic.

RFI SITES

AREA I

- SWMU 4.1 - Old B-1 Area (B-1)
- SWMU 4.2 - Area I Landfill
- SWMUs 4.3, 4.4 and AOC - Instrument and Equipment Laboratories (EL)
- SWMU 4.5, 4.6 - LOX Plant Former Sump/Clarifier & Drum Disposal Area (LOX)
- SWMU 4.7 - Component Test Laboratory III (CTL-III) Area
- SWMU 4.8 - Thermal Treatment Facility (TTF) RCRA Permitted Unit
- SWMU 4.9 - AOC - Advanced Propulsion Test Facility (APTTF) Area
- SWMU 4.12 - Laser Engineering Test Facility (LETFF)/Component Test Lab I (CTL-I) Area
- SWMU 4.14 - Canyon Area
- SWMU 4.15 and AOC - Bowl Area (Bowl) and Building 901 Leachfield
- SWMU 4.16 - Area I Reservoir (R-1 Pond)
- SWMU 4.17 - Perimeter Pond
- AOC - Building 359 Sump (B-359)
- AOC - Happy Valley Area
- AOC - Component Test Laboratory V (CTL-V)

AREA II

- SWMU 5.1 - Area II Landfill

AREA II (cont.)

- SWMU 5.2 - ELV Final Assembly, Building 206 (ELV)
- SWMU 5.5 and AOC - Building 204 Underground Storage Tanks (B204)
- SWMU 5.6 - Former Incinerator Ash Pile (Ash Pile)
- SWMU 5.7 - Hazardous Waste Storage Area/Waste Coolant Tank (WCT)
- SWMUs 5.9, 5.10, 5.11 - Alfa Area
- SWMUs 5.12, 5.13, 5.14, 5.15 - Alfa/Bravo Skim Pond and Bravo Area
- SWMU 5.18, 5.19 - Coca Area
- SWMU 5.20, 5.21, 5.22 - Propellant Load Facility (PLF)
- SWMU 5.23 - Delta Area
- SWMU 5.26 - R-2A and R-2B Ponds
- AOC - Building 515 Sewage Treatment Plant (B515 STP)
- AOC - Storage Propellant Area (SPA)
- AOC - Alfa/Bravo Fuel Farm (ABFF)
- AOC - Coca/Delta Fuel Farm (CDFFF)

AREA III

- SWMUs 6.1, 6.3, AOC - Engineering Chemistry Laboratory (ECL) Area
- SWMU 6.4 - Compound A Facility
- SWMU 6.5 - Systems Test Laboratory IV (STL-IV) Area
- SWMU 6.8 - Silvernato Reservoir

AREA III (cont.)

- SWMU 6.9 - Environmental Effects Laboratory (EEL)
- AOC - Sewage Treatment Plant (STP) Pond Area

AREA IV

- SWMU 7.1 - Building 56 Landfill (B56 Landfill)
- SWMU 7.3 - Former Sodium Disposal Facility (FSDP)
- SWMU 7.4 - Old Conservation Yard (Old Con)
- SWMU 7.5 - Building 100 Trench (B100)
- SWMU 7.7 - Rockwell International Hot Laboratory (RHL)
- SWMU 7.8 - New Conservation Yard (New Con)
- SWMU 7.9 - ESADA Chemical Storage Area (ESADA)
- SWMU 7.10 - Former Coal Gasification PDU (PDU)
- AOC - Hazardous Materials Storage Area (HMSA)
- AOC - Metals Laboratory Clarifier
- AOC - Pond Dredge Area
- AOC - Sodium Reactor Experiment (SRE) Complex
- AOC - SE Drum Storage Yard
- AOC - SNAP Facility

Leach Fields (as individual RFI sites)

Base Map Legend

- Existing or Removed Building or Structure
- Surface Water Ponds
- SSFL Property Boundary
- Administrative Area Boundary
- A/C Curbing
- Dirt Road
- Possible Ponds (approx. location)

Geology Legend

- Shale Units (KLCS, KUCC, KUCC-1A, KUCC-2, KUCC-3)
- Faults
- Faults (Approximate)
- Estimated Contact Line

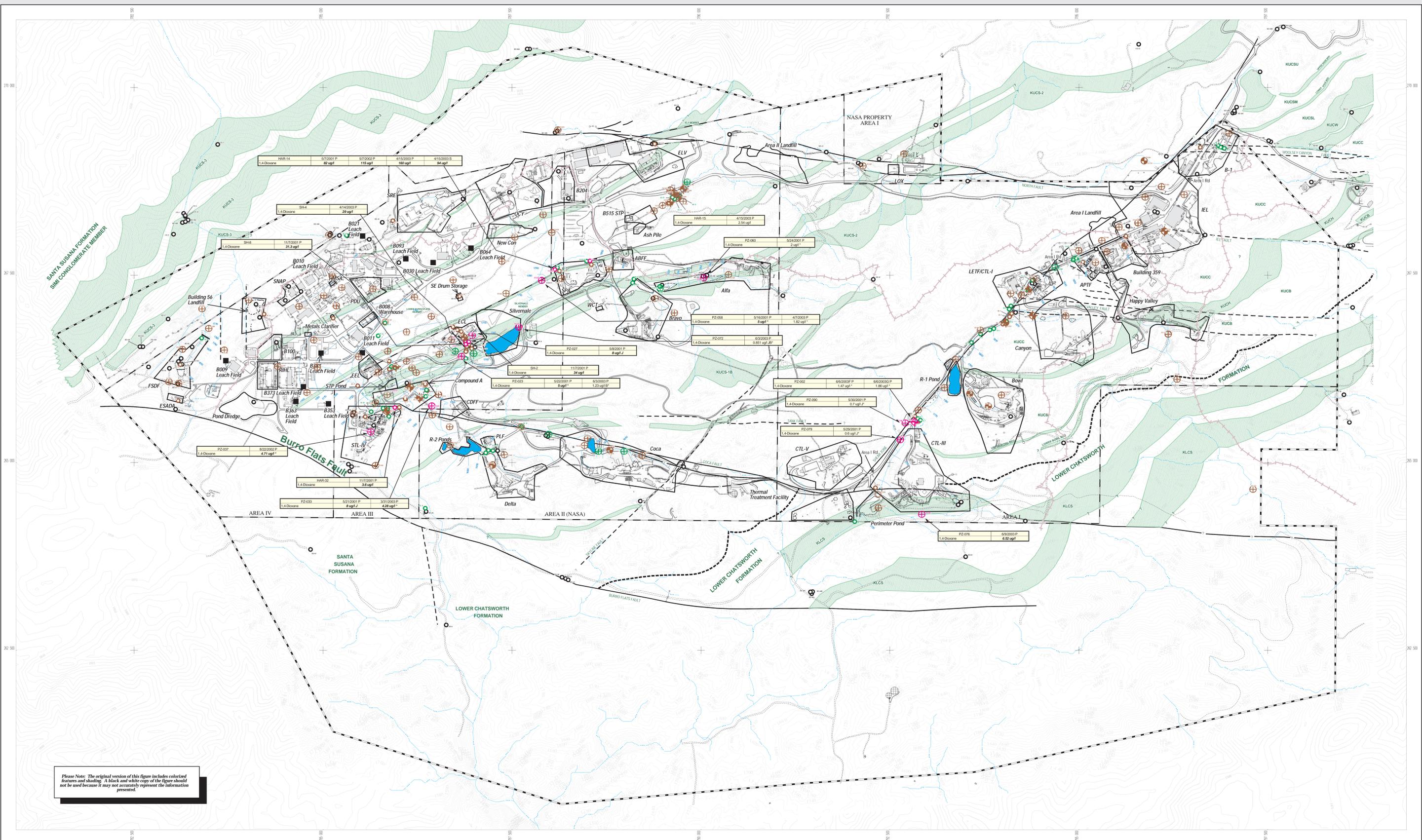
Notes:
 (1) Map coordinates in Spherics, NAD 83, Zone V.
 (2) Geologic base map by MWH (in progress, 2002).

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**Analytical Results for
Near-Surface Groundwater Wells
and Piezometers Sampled for
Halogenated Benzenes
Halogenated Propene/Propanes**

Santa Susana Field Laboratory

PLATE
5-6



Please Note: The original version of this figure includes colored features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

LEGEND

- Existing Chatsworth Formation Groundwater Well
- Near-Surface Wells, Sampled COPC(s) detected
- Alluvium Piezometer, Sampled COPC(s) detected
- Standard Piezometer, Sampled COPC(s) detected
- Paired Piezometer, Sampled COPC(s) detected
- Multilevel Piezometer, Sampled COPC(s) detected
- Approximate Location of Surface Water Divide
- RFI Site Boundary
- Approximate Near-Surface Groundwater Elevation Contours in Feet Above Mean Sea Level (Dashed Where Inferred) - May 2003
- PZ-010 Sample Location ID
- 41720203A Data Well Print Number
- P Primary Sample
- D Duplicate Sample
- S Split Sample
- mgl Milligrams Per Liter (ppm)
- ug/l Micrograms Per Liter (ppb)
- ng/l Nanograms Per Liter (ppt)
- J Analyte Positively Identified, Associated Numerical Value Is Considered Estimated
- NU Analyte Tentatively Identified, Associated Numerical Value Is Considered Estimated
- B Analyte Was Detected In Blank Sample
- E Result Exceeded Calibration Range
- D Sample Was Diluted Prior To Analysis
- ND Analyte Not Detected
- NS Not Sampled For VOCs
- Not Analyzed Or Rejected During Data Validation

Notes: (1) Analyte concentrations greater than Primary MCLs or DHS action levels are shown in bold.
 (2) Identifies locations in the geology where uncertainties exist. These uncertainties may or may not be important or resolvable. Resolving the uncertainties will be evaluated based on their potential importance in the overall understanding of the effect of these features on groundwater flow and contaminant transport.
 (3) Cosmic data analyzed between 1/1/02 & 3/31/02 are qualified as estimated (Q) because their CA certification lapsed. However, this administrative lapse did not affect the quality of their analyses (see section 3.8.2.2 of report). See table 3-10 for sample locations analyzed by cosine.

RFI SITES

- AREA I**
- SWMU 4.1 - Old B-1 Area (B-1)
- SWMU 4.2 - Area I Landfill
- SWMUs 4.3, 4.4 and AOC - Instrument and Equipment Laboratories (EL)
- SWMU 4.5,4.6 - LOX Plant Former Sump/Clarifier & Drum Disposal Area (LOX)
- SWMU 4.7 - Component Test Laboratory III (CTL-III) Area
- SWMU 4.8 - Thermal Treatment Facility (TTF) RCRA Permitted Unit
- SWMU 4.9, AOC - Advanced Propulsion Test Facility (APTTF) Area
- SWMU 4.12 - Laser Engineering Test Facility (LETTF)/Component Test Lab I (CTL-I) Area
- SWMU 4.14 - Canyon Area
- SWMU 4.15 and AOC - Bowl Area (Bowl) and Building 901 Leachfield
- SWMU 4.16 - Area I Reservoir (R-1 Pond)
- SWMU 4.17 - Perimeter Pond
- AOC - Building 359 Sump (B-359)
- AOC - Happy Valley Area
- AOC - Component Test Laboratory IV (CTL-IV)
- AREA II**
- SWMU 5.1 - Area II Landfill

AREA II (cont)

- SWMU 5.2 - ELV Final Assembly, Building 206 (ELV)
- SWMU 5.5 and AOC - Building 204 Underground Storage Tanks (B204)
- SWMU 5.6 - Former Incinerator Ash Pile (Ash Pile)
- SWMU 5.7 - Hazardous Waste Storage Area/Waste Coolant Tank (WCT)
- SWMUs 5.9, 5.10, 5.11 - Alfa Area
- SWMUs 5.12, 5.13, 5.14, 5.15 - Alfa/Bravo Skim Pond and Bravo Area
- SWMUs 5.20, 5.21, 5.22 - Propellant Load Facility (PLF)
- SWMU 5.23 - Delta Area
- SWMU 5.26 - R-2A and R-2B Ponds
- AOC - Building 515 Sewage Treatment Plant (B515 STP)
- AOC - Storage Propellant Area (SPA)
- AOC - Alfa/Bravo Fuel Farm (ABFF)
- AOC - Coca/Delta Fuel Farm (CDFFF)
- AREA III**
- SWMUs 6.1, 6.3, AOC - Engineering Chemistry Laboratory (ECL) Area
- SWMU 6.4 - Compound A Facility
- SWMU 6.5 - Systems Test Laboratory IV (STL-IV) Area
- SWMU 6.8 - Silvernato Reservoir

AREA III (cont)

- SWMU 6.9 - Environmental Effects Laboratory (EEL)
- AOC - Sewage Treatment Plant (STP) Pond Area
- AREA IV**
- SWMU 7.1 - Building 56 Landfill (B56 Landfill)
- SWMU 7.3 - Former Sodium Disposal Facility (FSDP)
- SWMU 7.4 - Old Conservation Yard (Old Con)
- SWMU 7.5 - Building 100 Trench (B100)
- SWMU 7.7 - Rockwell International Hot Laboratory (RHL)
- SWMU 7.8 - New Conservation Yard (New Con)
- SWMU 7.9 - ESADA Chemical Storage Area (ESADA)
- SWMU 7.10 - Former Coal Gasification PDU (PDU)
- AOC - Hazardous Materials Storage Area (HMSA)
- AOC - Metals Laboratory Clarifier
- AOC - Pond Dredge Area
- AOC - Sodium Reactor Experiment (SRE) Complex
- AOC - SE Drum Storage Yard
- AOC - SNAP Facility
- Leach Fields (as individual RFI sites)

Base Map Legend

- Existing or Removed Building or Structure
- Surface Water Ponds
- SSFL Property Boundary
- Administrative Area Boundary
- A/C Curbing
- Dirt Road
- Possible Ponds (approx. location)

Geology Legend

- Shale Units (KLCS, KUCS-1A, KUCS-1B, KUCS-2, KUCS-3)
- Faults
- Faults (Approximate)
- Estimated Contact Line

Analytical Results for Near-Surface Groundwater Wells and Piezometers Sampled for 1,4-Dioxane

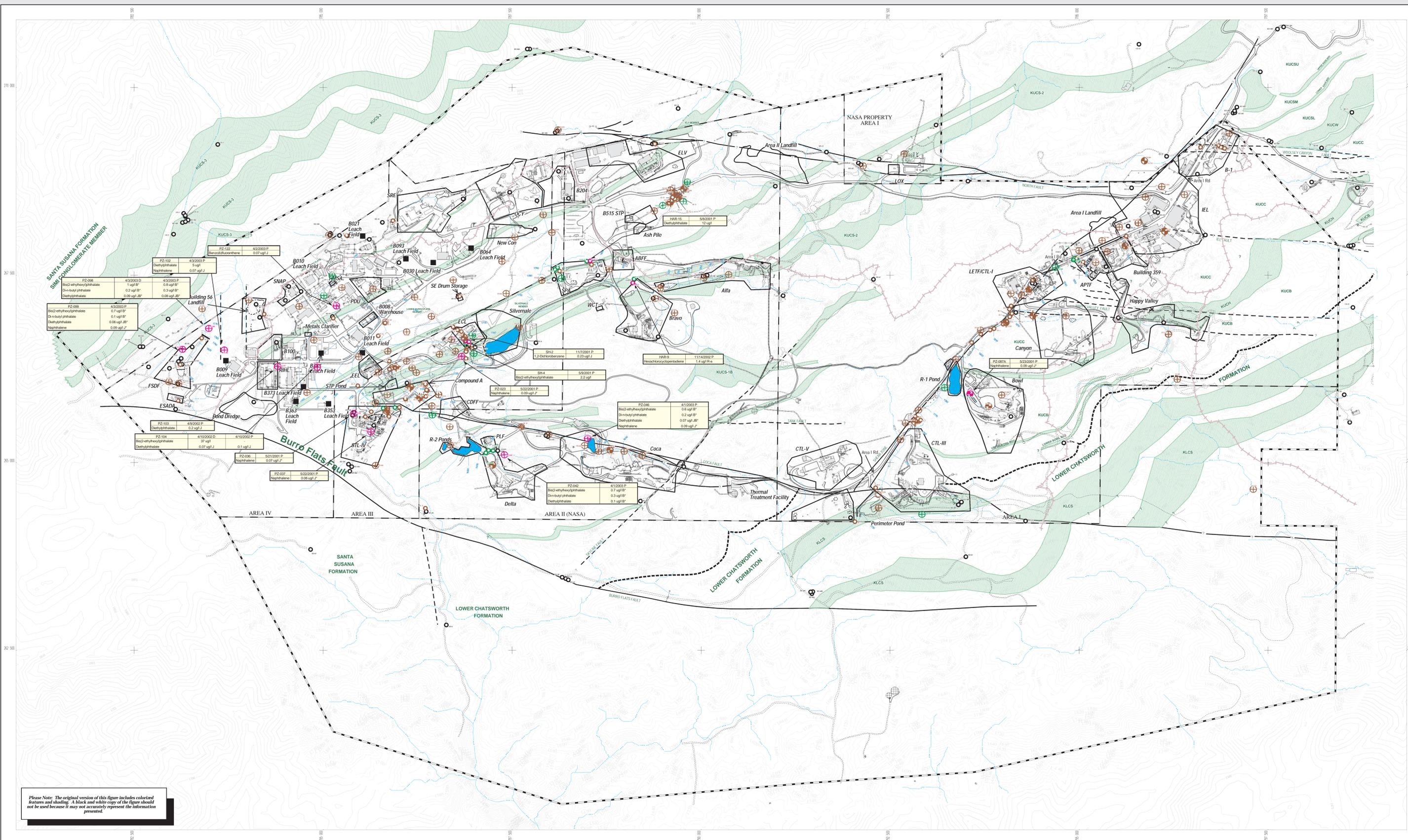
Santa Susana Field Laboratory

MWH

1 inch = 400 feet

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PLATE 5-7



Please Note: The original version of this figure includes colored features and shading. A black and white copy of the figure should not be used because it may not accurately represent the information presented.

LEGEND

○ Existing Chatsworth Formation Groundwater Well	○ Not Sampled
● Near-Surface Wells, Sampled COPC(s) detected	○ Not Sampled
○ Alluvium Piezometer, Sampled COPC(s) detected	○ Not Sampled
⊕ Standard Piezometer, Sampled COPC(s) detected	○ Not Sampled
⊕ Paired Piezometer, Sampled COPC(s) detected	○ Not Sampled
⊕ Multilevel Piezometer, Sampled COPC(s) detected	○ Not Sampled
○ Approximate Location of Surface Water Divide	
~ RFI Site Boundary	
~ Approximate Near-Surface Groundwater Elevation Contours in Feet Above Mean Sea Level (Dashed Where Inferred) - May 2003	

PZ-010	Sample Location ID
41720203A	Date/Well Print Number
P	Primary Sample
D	Duplicate Sample
S	Split Sample
mg/L	Milligrams Per Liter (ppm)
ug/L	Micrograms Per Liter (ppb)
J	Analyte Positively Identified, Associated Numerical Value Is Considered Estimated
NU	Analyte Tentatively Identified, Associated Numerical Value Is Considered Estimated
B	Analyte Was Detected In Blank Sample
E	Result Exceeded Calibration Range
D	Sample Was Diluted Prior To Analysis
ND	Analyte Not Detected
NS	Not Sampled For VOCs
	Not Analyzed Or Rejected During Data Validation

REI SITES

AREA I

- SWMU 4.1 - Old B-1 Area (B-1)
- SWMU 4.2 - Area I Landfill
- SWMUs 4.3, 4.4 and AOC - Instrument and Equipment Laboratories (EL)
- SWMU 4.5, 4.6 - LOX Plant Former Sump/Clarifier & Drum Disposal Area (LOX)
- SWMU 4.7 - Component Test Laboratory III (CTL-III) Area
- SWMU 4.8 - Thermal Treatment Facility (TTF) RCRA Permitted Unit
- SWMU 4.9 - AOC - Advanced Propulsion Test Facility (APTTF) Area
- SWMU 4.12 - Laser Engineering Test Facility (LETFF)/Component Test Lab I (CTL-I) Area
- SWMU 4.14 - Canyon Area
- SWMU 4.15 and AOC - Bowl Area (Bowl) and Building 901 Leachfield
- SWMU 4.16 - Area I Reservoir (R-1 Pond)
- SWMU 4.17 - Perimeter Pond
- AOC - Building 359 Sump (B-359)
- AOC - Happy Valley Area
- AOC - Compound A Facility
- AOC - Component Test Laboratory V (CTL-V)

AREA II

- SWMU 5.1 - Area II Landfill

AREA II (cont.)

- SWMU 5.2 - ELV Final Assembly, Building 206 (ELV)
- SWMU 5.5 and AOC - Building 204 Underground Storage Tanks (B204)
- SWMU 5.6 - Former Incinerator Ash Pile (Ash Pile)
- SWMU 5.7 - Hazardous Waste Storage Area/Waste Coolant Tank (WCT)
- SWMUs 5.9, 5.10, 5.11 - Alfa Area
- SWMUs 5.12, 5.13, 5.14, 5.15 - Alfa/Bravo Skim Pond and Bravo Area
- SWMU 5.18, 5.19 - Coca Area
- SWMU 5.20, 5.21, 5.22 - Propellant Load Facility (PLF)
- SWMU 5.23 - Delta Area
- SWMU 5.26 - R-2A and R-2B Ponds
- SWMU 5.2 - ELV Final Assembly, Building 206 (ELV)
- AOC - Storage Propellant Area (SPA)
- AOC - Alfa/Bravo Fuel Farm (ABFF)
- AOC - Coca/Delta Fuel Farm (CDFFF)

AREA III (cont.)

- SWMU 6.1, 6.3, AOC - Engineering Chemistry Laboratory (ECL) Area
- SWMU 6.4 - Compound A Facility
- SWMU 6.5 - Systems Test Laboratory IV (STL-IV) Area
- SWMU 6.8 - Silvernate Reservoir

AREA III (cont.)

- SWMU 6.9 - Environmental Effects Laboratory (EEL)
- AOC - Sewage Treatment Plant (STP) Pond Area
- AREA IV
- SWMU 7.1 - Building 56 Landfill (B56 Landfill)
- SWMU 7.3 - Former Sodium Disposal Facility (FSDP)
- SWMU 7.4 - Old Conservation Yard (Old Con)
- SWMU 7.5 - Building 100 Trench (B100)
- SWMU 7.7 - Rockwell International Hot Laboratory (RHL)
- SWMU 7.8 - New Conservation Yard (New Con)
- SWMU 7.9 - ESADA Chemical Storage Area (ESADA)
- SWMU 7.10 - Former Coal Gasification PDU (PDU)
- AOC - Hazardous Materials Storage Area (HMSA)
- AOC - Metals Laboratory Clarifier
- AOC - Pond Dredge Area
- AOC - Sodium Reactor Experiment (SRE) Complex
- AOC - SE Drum Storage Yard
- AOC - SNAP Facility

Base Map Legend

- Existing or Removed Building or Structure
- Surface Water Ponds
- SSF L Property Boundary
- Administrative Area Boundary
- A/C Curbing
- Dirt Road
- Possible Ponds (approx. location)

Geology Legend

- Shale Units (KUCS, KUCS-1A, KUCS-1B, KUCS-2, KUCS-3)
- Faults
- Faults (Approximate)
- Estimated Contact Line

Notes:

- (1) Map coordinates in Spheroid, NAD 83, Zone V
- (2) Geologic base map by MWH (in progress, 2002)

DATE: 11/16/03
FILE: /symp/rock/maps/figures/PZ200015 TASK

Analytical Results for Near-Surface Groundwater Wells and Piezometers Sampled for Semi-Volatile Organic Compounds

Santa Susana Field Laboratory

MWH

PLATE 5-8