Report on Quarterly Air Monitoring, Area IV, Second Quarter 2018

Santa Susana Field Laboratory Ventura County, California

Prepared for:
United States Department of Energy

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Santa Susana Field Laboratory Ventura County, CA

January 2019

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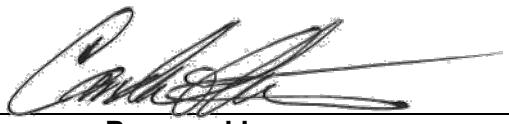
PROFESSIONAL CERTIFICATION

Report on Quarterly Air Monitoring, Area IV, Second Quarter 2018
Santa Susana Field Laboratory
Ventura County, California

January 2019

This report has been prepared by a team of qualified professionals under the supervision of the senior staff whose signatures appear below.



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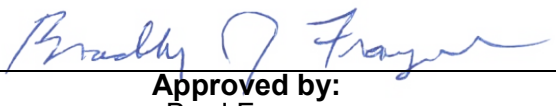

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EXECUTIVE SUMMARY

This report summarizes the United States Department of Energy (DOE) air monitoring activities conducted during the second quarter (Q2) of the 1-year baseline monitoring period (July 15, 2018, to October 14, 2018) at Area IV within the Santa Susana Field Laboratory (SSFL), located in Ventura County, California.

This quarterly report has been developed by North Wind, Inc., on behalf of DOE in cooperation with The Boeing Company (Boeing) and the National Aeronautics and Space Administration (NASA), as part of a Baseline Air Monitoring Program.

The objective of the Baseline Air Monitoring Program is to evaluate baseline (that is, pre-project) conditions and provide a basis for determining the magnitude of deviation from those baseline conditions resulting from onsite remediation activities (project) at SSFL. In accordance with the *Final Baseline Air Monitoring Work Plan, Santa Susana Field Laboratory, Ventura County, California* (NASA 2017), the responsible parties are monitoring for particulate matter less than 10 microns in aerodynamic diameter (PM_{10}), particulate matter less than 2.5 microns in aerodynamic diameter ($PM_{2.5}$), volatile organic compounds (VOCs), and radionuclides at 14 locations at SSFL. In addition, the Baseline Air Monitoring Program includes collection of meteorological data.

The following air monitoring activities conducted during Q2 2018 by DOE within Area IV are summarized in this report:

- Collected meteorological data from one location (DOE-4)
- Collected PM_{10} data from four locations (DOE-1 through -4)
- Collected air samples from four locations (DOE-1 through -4) for VOC laboratory analysis
- Collected radionuclide samples for laboratory analysis from four locations (DOE-1 through -4).

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ACRONYMS AND ABBREVIATIONS

°C	degrees Celsius
°F	degrees Fahrenheit
µCi	microcurie(s)
µg/m^3	microgram(s) per cubic meter
Boeing	The Boeing Company
CAAQS	California Ambient Air Quality Standard
CFR	Code of Federal Regulations
DOE	U.S. Department of Energy
DTSC	State of California Department of Toxic Substances Control
EPA	U.S. Environmental Protection Agency
ETEC	Energy Technology Engineering Center
GC	gas chromatography
HHRA	Human Health Risk Assessment
Lpm	liter(s) per minute
mph	miles per hour
MS	mass spectrometry
m	meter(s)
m/sec	meter(s) per second
mb	millibar(s)
mL	milliliter(s)
MDA	minimum detectable activity
MDC	minimum detectable concentration
NASA	National Aeronautics and Space Administration
NIST	National Institute of Standards and Technology
pCi	picocurie(s)
$PM_{2.5}$	particulate matter less than 2.5 microns in aerodynamic diameter
PM_{10}	particulate matter less than 10 microns in aerodynamic diameter
Q2	second quarter
QA	quality assurance
QC	quality control
RPD	relative percent difference
RSL	regional screening level
SDG	sample delivery group
SSFL	Santa Susana Field Laboratory
uCi	microcurie
VOC	volatile organic compound

1. INTRODUCTION

National Aeronautics and Space Administration (NASA), The Boeing Company (Boeing), and the U.S. Department of Energy (DOE), also known as the responsible parties, are performing baseline air monitoring at the Santa Susana Field Laboratory (SSFL) site located in Ventura County, California. The SSFL is a business segment of Boeing. SSFL operates the 2,849-acre SSFL located atop a range of hills between the Simi and San Fernando valleys, north of Los Angeles. The westernmost 290 acres of the SSFL, known as Area IV, contains both DOE and Boeing facilities. The DOE portion is mainly contained within the 90 acres known as the Energy Technology Engineering Center (ETEC).

When opened in the late 1950s, ETEC was ideally remote from population centers to enable development of security-sensitive projects. These projects supported research for DOE and its predecessor agencies for nuclear research and energy development. Area IV includes buildings that house test apparatus for large-scale heat transfer and fluid mechanics experiments, mechanical and chemical test facilities, office buildings, and auxiliary facilities.

Baseline air monitoring is being conducted in accordance with the *Final Baseline Air Monitoring Work Plan, Santa Susana Field Laboratory, Ventura County, California* (NASA 2017), which was submitted to the State of California Department of Toxic Substances Control (DTSC) on September 21, 2017. DTSC approved the Work Plan. Final locations of the air monitoring locations were approved by DTSC on January 30, 2018 (DTSC 2018a).

The objective of the Baseline Air Monitoring Program is to evaluate baseline (that is, pre-project) conditions and provide a basis for determining the magnitude of deviation from those baseline conditions resulting from onsite remediation activities (project) at SSFL. Responsible parties are monitoring for particulate matter less than 10 microns in aerodynamic diameter (PM_{10}), particulate matter less than 2.5 microns in aerodynamic diameter ($PM_{2.5}$), and volatile organic compounds (VOCs), at 14 locations at SSFL. Data were collected for four perimeter samplers (DOE-1 through DOE-4) and analyzed for gross alpha and gross beta. Individual radionuclide concentrations were determined by analysis at an offsite laboratory for these same four locations. Meteorological data are also collected as a part of the Baseline Air Monitoring Program.

Figure 1 shows the air monitoring locations for the Baseline Air Monitoring Program. These locations were selected based on the areas to be remediated, with consideration of winds in the area, topographic features, and accessibility. The air monitoring sites were selected based on guidance obtained from the U.S. Environmental Protection Agency's (EPA's) *Quality Assurance Handbook for Air Pollution Measurement Systems*, Volume II, Ambient Air Monitoring Program (EPA 2013) and *Meteorological Monitoring Guidance for Regulatory Modeling Applications* (EPA 2000). Sites were evaluated per 40 Code of Federal Regulations (CFR) 58, Appendix C –Ambient Air Quality Monitoring Methodology. DOE is responsible for DOE-1, DOE-2, DOE-3, and DOE-4 of the 14 monitoring locations, represented in Figure 1. VOCs, PM_{10}, and radionuclides are monitored at the four DOE monitoring locations, and meteorological conditions are monitored at the DOE-4 location. The DOE monitoring locations DOE-1 through DOE-4 are presented in Figure 2.

This report summarizes the quarterly results and quality assurance (QA) activities performed at the DOE locations between July 15, 2018, and October 14, 2018, which represents the second quarter (Q2) of the 1-year baseline monitoring period.

1.1 Regional Climate and Wind Direction

The climate in the area of SSFL is characterized as "Mediterranean." The mean temperature during the winter months is approximately 50 degrees Fahrenheit (°F) and the mean temperature in the summer months is approximately 70°F. Based on climate data between 2011 and 2017 from the National Weather Service, rainfall has ranged from approximately 4 inches to approximately 14.5 inches on a calendar year basis. Average rainfall is on the order of 10.45 inches per year. The majority of the rainfall occurs between October and April.

The average hourly wind speed in Simi Valley varies significantly by season. The more turbulent part of the year lasts for 6 months, from November to April, with average western wind speeds of more than 7 miles per hour (mph). The calmer time of year lasts for 6 months, with northerly winds from May to October.

During the fall, winter, and spring, Santa Ana winds can blow from the north or northeast in excess of 35 mph.

2. ANALYTICAL SAMPLING EVENTS

VOCs are collected according to the EPA Toxic Compendium Method TO-15, *Determination of Volatile Organic Compounds (VOCs) Air Collected in Specially-Prepared Canisters and Analyzed by Gas Chromatography/Mass Spectrometry (GC/MS)* (EPA 1999). Twenty-four-hour time-integrated samples are collected into Summa canisters via a flow controller and sent to an offsite laboratory for analysis. VOCs are collected every other week. There were seven VOC sampling events in this reporting period. One field duplicate sample was collected during each sampling event.

During Q2, radionuclide samples were collected at four perimeter sampler locations, DOE-1 through DOE-4. These samples were collected on glass fiber (Type A/E) filters that are changed twice a week. After a minimum 120-hour holding time to allow the decay of short-lived radon and thoron daughters, the samples are simultaneously counted for gross alpha and beta activity with a low-background, thin-window, gas-flow proportional-counting system continually purged with P-10 argon/methane counting gas over a preset time interval. There were 26 radionuclide sampling events in this reporting period. Following analysis for gross alpha and gross beta radiation, all 26 separate sample filters from each of the four locations were combined at each of the four sampling stations to form one composite sample at each location. The four composite samples were then analyzed for individual radionuclides at an offsite laboratory.

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3. DATA

Sections 3.1 through 3.4 discuss Q2 air monitoring data.

3.1 Meteorological Data

Collection of meteorological data continued at the onsite monitoring station DOE-4. Monitored meteorological parameters included wind speed, wind direction, air temperature at 2 meters (m) and 10 m, relative humidity, precipitation, barometric pressure, and solar radiation. In addition, statistical parameters were provided by the data logger to include delta temperature (i.e., difference between 10-m and 2-m temperature), maximum wind speed (i.e., wind gust), and standard deviation of wind direction. Observations were recorded at 15-minute intervals for :00, :15, :30; and :45 minutes each hour.

Data validation screening was performed on the recorded meteorological observations based on Table 8.4 – Screening Criteria and Table 8.3 – Quality Control Codes from EPA's *Meteorological Monitoring Guidance for Regulatory Modeling Applications* (EPA 2000). This validation screening provides the basis for evaluating data completeness and for determining sensor performance and/or maintenance status. It was performed routinely throughout the reporting period following each weekly data download. Data validation quality control codes applied to the ETEC meteorological observations are defined in Table 1. Screening criteria are listed in Table 2 along with a summary of the screening results.

The validation screening involved comparing, on an individual parameter basis, the recorded values (i.e., observations) against the EPA screening criteria shown in Table 2. The data validation procedure involved an initial automated review to apply a first level quality control (QC) Code of 0 (valid), 6 (failed), or 9 (missing), as defined in Table 1. Observations initially flagged with a QC Code = 6 were then manually (i.e., second-level) reviewed by a project meteorologist. The procedure is outlined below:

- Values meeting all screening criteria for the respective meteorological parameter were automatically deemed "valid" (QC Code = 0).
- Values not meeting a screening criterion were automatically flagged as "failed initial QC" (QC Code = 6). These values were subjected to second-level manual meteorological review using other available observations (e.g., 2-m versus 10-m temperature at DOE-4 or observation from nearby Remote Automatic Weather Station CEEC1 in the Cheeseboro Canyon, California, area located 2.6 miles south of the DOE-4 site):
    - Values confirmed by this review to be consistent with other nearby observations were deemed "acceptable" (final QC Code = 3).
    - Otherwise, the values were deemed "suspect" (final QC Code = 7).
- Missing observations were automatically flagged as "missing" (QC Code = 9).

Values with a final QC Code of 7 or 9 were excluded from the final dataset and counted against the data completeness percentage for the respective monitored parameter.

There were 92 days in this reporting period, which covered July 15, 2018, through October 14, 2018. The project data completeness goal for the meteorological data is 80%. Data completeness statistics for all completed reporting quarters are presented in Table 1. The data completeness goal was achieved for Q2. Note that the data completeness goal was not achieved for Q1 due to the data collection beginning 91 days after the start of the baseline monitoring. This delay negatively impacted data completion for that quarter, which also skewed the year-to-date statistics. Although the year-to-date data completion is just below the project goal of 80%, it is anticipated that the year-to-date statistics will significantly improve

with each successive reporting quarter, barring any unforeseen operational issues. Specific findings and sensor maintenance recommendations associated with the data screening are presented in Section 4.1.10.

Table 1. Data screening quality control codes for meteorological data.

Code	Meaning	Description (as used for ETEC meteorological data validation)
0	Valid	PASS – Observation is accurate within the performance limits of the instrument (i.e., value passes all data validation screening criteria).
3	Acceptable	PASS – Observation originally failed data QC check (see Code 6), but additional review using other independent data and meteorological judgment support the final validity.
6	Failed initial QC check	FAIL – Observation did not pass data validation screening criteria.
7	Suspect	FAIL – Observation failed initial data validation QC check (see Code 6) and could not be verified with additional review using other independent data.
9	Missing	FAIL – Observation was not collected.

Table 2. Data screening summary for monitored meteorological parameters.

Meteorological Parameter	Screening Criteria[1] (for valid sensor responses)	Data Completeness Percent (%) [2]				
		Q1 4/15–7/14	Q2 7/15–10/14	Q3	Q4	Year to Date
Wind Speed	between 0 and 25 meters per second (m/sec) > 0.1 m/sec variation over 3 hours > 0.5 m/sec variation over 12 hours	58.59	100	-	-	79.41
Wind Direction	between 0 and 360 degrees > 1 degree variation over 3 hours > 10 degree variation over 12 hours	58.59	100	-	-	79.41
Standard Deviation of Wind Direction	Inherits the completeness stats of Wind Direction	58.59	100	-	-	79.41
Temperature @ 2 m	≤ local record high (monthly basis) ≥ local record low (monthly basis) > 0.5 degrees Celsius (°C) variation over 12 hours	58.59	100	-	-	79.41
Temperature @ 10 m	≤ local record high (monthly basis) ≥ local record low (monthly basis) > 0.5°C variation over 12 hours	58.59	100	-	-	79.41
Delta Temperature	≤ 0.1°C during daytime ≥ -0.1°C during nighttime between -3.0 and 5.0°C	58.59	99.99	-	-	79.40
Relative Humidity (and Dewpoint Temperature)	relative humidity between 0–100% dew point T ≤ ambient T dew point T ≤ 5.0°C variation over 1 hour dew point T > 0.5°C variation over 12 hours	57.80	97.72	-	-	77.87
Precipitation	≤ 1 inch in 1 hour ≤ 4 inches in 24 hours ≥ 2 inches in 3 months	58.59	100	-	-	79.41
Barometric Pressure	between 871 and 982 millibar (mb) (local) (i.e., between 940 and 1,060 mb sea level) ≤ 6 mb variation over 3 hours	58.59	100	-	-	79.41
Solar Radiation	> 0 at night ≤ maximum possible for date and latitude	58.57	100	-	-	79.40

(1) Screening criteria from EPA Meteorological Monitoring Guidance (EPA 2000), Table 8.4 – Data Screening Criteria.
(2) Data Completeness % = [Observations Passing] / [Possible 15-minute observations)]. Missing or suspect observations count against the data completeness statistics. The number of possible 15-minute observations in the Reporting Period:
- Q1 = 8,736 (meteorological data collection didn't begin until 91 days after the start of the base line monitoring)
- Q2 = 8,832

In summary, the data validation screening determined that the data completeness for all monitored parameters for Q2 ranged from 97.72% for precipitation to 100% for wind speed/direction, temperatures, precipitation, barometric pressure, and solar radiation. Also note that statistical values were revised for several Q1 statistics: 2m, 10m, and delta temperature based on retroactive application of manual meteorological review (i.e., comparison of coincident 2m and 10m temperature values), and precipitation based on application of Q1 corrective action for resetting precipitation counter to zero at the end of each recorded observation versus at the end of each day. The Q1 report had indicated that no additional

meteorological review was performed for observations that did not pass the initial data validation screening, and therefore, the original statistics in that report were based on the automated initial validation screening only without a second-level manual meteorological review.

The final screened 15-minute meteorological dataset was used to develop the windrose presented as Figure 3. A windrose is a graphical representation of wind speed and direction distribution (or climatology) for the period of interest. The frequency of winds blowing from a particular direction are shown as petals on the windrose. Wind speed is depicted by color bands on the windrose. During this monitoring period, the average wind speed at the site was 3.4 m/sec, and the maximum recorded wind speed was 9.1 m/sec. The predominant wind direction was from the east-southeast with a secondary prevalence from the northwest to north-northwest. Calm winds are identified as being less than 0.5 m/sec.

3.2 PM_{10} Data

PM_{10} data are being collected with MetOne E-BAM monitors at four monitoring locations. The MetOne E-BAM uses the principle of beta attenuation to provide a determination of mass concentration. Twenty-four-hour concentrations are calculated from the hourly concentrations. There were 92 days in this reporting period. Monitors at locations DOE-1, DOE-3, and DOE-4 ran for all 92 days. The monitor at location DOE-2 was down for 5 of the 92 days (from July 15 to July 19) due to equipment issues. Data completeness for PM_{10} exceeded the project goal of 80% completeness (see Table 3). The complete table of daily averages is presented in Appendix A.

Table 3. PM_{10} data completeness for July 15 – October 14, 2018.

Location	Valid Readings (Days)	Possible Readings (Days)	Data Completeness (Percent)
DOE-1	92	92	100
DOE-2	87	92	95
DOE-3	92	92	100
DOE-4	92	92	100

The five highest PM_{10} results identified for the reporting period are listed in Table 4 along with the California Ambient Air Quality Standard (CAAQS) for PM_{10}. PM_{10} concentrations were consistent with levels typically found in urban air. All five concentrations recorded during this reporting period were recorded at location DOE-4 and were above the CAAQS but below the National Ambient Air Quality Standard of 150 micrograms per cubic meter ($\mu g/m^3$). PM_{10} concentrations recorded at locations DOE-1 through DOE-3 were all below the CAAQS during this reporting period.

Table 4. Top five PM_{10} 24-hour average concentration days.

Date	Location	PM_{10} Value ($\mu g/m^3$)	CAAQS ($\mu g/m^3$)
7/24/2018	DOE-4	**99.1667**	50
7/21/2018	DOE-4	**97.6250**	50
7/19/2018	DOE-4	**86.6250**	50
7/25/2018	DOE-4	**60.3750**	50
7/23/2018	DOE-4	**60.0417**	50

Bold text and gray shaded – Value exceeds CAAQS.

3.3 Volatile Organic Compound Data

There were seven VOC sampling events in this reporting period. Each of the four DOE locations was sampled during each sampling event. Data completeness goals for VOCs exceeded the project goal of 85% (see Table 5).

Table 5. Ambient air VOC data completeness.

Location	Valid Readings (Days)	Possible Readings (Days)	Data Completeness (Percent)
DOE-1	7	7	100
DOE-2	7	7	100
DOE-3	7	7	100
DOE-4	7	7	100

VOC detection results are presented in Table 6, including comparison to the June 2018 DTSC Human Health Risk Assessment (HHRA) Note 3 Screening Levels (DTSC 2018b) or the May 2018 EPA Residential Air Regional Screening Levels (RSLs) (EPA 2018). No analytes were detected above the DTSC HHRA during the Q2 reporting period. Ethylbenzene (5.9 µg/m^3) was the only concentration detected above the respective EPA Residential Air RSL during the Q2 reporting period; the analyte was detected only one time at location DOE-1. Complete VOC analytical results are presented in Appendix B.

Table 6. Ambient air VOC detection results compared to RSLs.

Location ID	Sample Date	Analyte	Result (µg/m^3)	Screening Level Value (µg/m^3)	SL Source
DOE-1	7/19/2018	Carbon disulfide	3.6	730	US EPA RSL
DOE-1	7/19/2018	Dichlorodifluoromethane	2.9	100	US EPA RSL
DOE-1	7/19/2018	Ethyl acetate	2.4	73	US EPA RSL
DOE-1	8/15/2018	Dichlorodifluoromethane	2.1	100	US EPA RSL
DOE-1	8/31/2018	Dichlorodifluoromethane	2.6	100	US EPA RSL
DOE-1	8/31/2018	Ethyl acetate	1.3	73	US EPA RSL
DOE-1	9/13/2018	Dichlorodifluoromethane	2.7	100	US EPA RSL
DOE-1	9/13/2018	Toluene	3.6	310	DTSC HHRA Note 3
DOE-1	9/28/2018	Ethyl acetate	2.2	73	US EPA RSL
DOE-1	9/28/2018	Ethylbenzene	**5.9**	1.1	US EPA RSL
DOE-1	9/28/2018	m,p-Xylene	17	100	US EPA RSL
DOE-1	9/28/2018	n-Octane	7.2	100	US EPA RSL[1]
DOE-1	9/28/2018	o-Xylene	3.1	100	US EPA RSL
DOE-1	9/28/2018	Toluene	3.4	310	DTSC HHRA Note 3
DOE-1	9/28/2018	Xylenes (Total)	20	100	US EPA RSL
DOE-1	10/11/2018	Dichlorodifluoromethane	2.6	100	US EPA RSL
DOE-1	10/11/2018	Ethyl acetate	2.1	73	US EPA RSL
DOE-2	7/19/2018	Dichlorodifluoromethane	2.8	100	US EPA RSL
DOE-2	8/15/2018	2-Butanone	6.3	5200	US EPA RSL
DOE-2	8/15/2018	Carbon disulfide	11	730	US EPA RSL
DOE-2	8/15/2018	Dichlorodifluoromethane	2.0	100	US EPA RSL
DOE-2	8/31/2018	Dichlorodifluoromethane	2.9	100	US EPA RSL
DOE-2	8/31/2018	Ethyl acetate	1.2	73	US EPA RSL
DOE-2	9/13/2018	Dichlorodifluoromethane	2.7	100	US EPA RSL
DOE-2	9/28/2018	Ethyl acetate	1.5	73	US EPA RSL
DOE-2	10/11/2018	Dichlorodifluoromethane	2.5	100	US EPA RSL
DOE-2	10/11/2018	Ethyl acetate	1.7	73	US EPA RSL
DOE-3	7/19/2018	2-Butanone	3.7	5200	US EPA RSL
DOE-3	7/19/2018	4-Isopropyltoluene	4.4	-------	-------
DOE-3	7/19/2018	Carbon disulfide	11	730	US EPA RSL
DOE-3	7/19/2018	Dichlorodifluoromethane	2.8	100	US EPA RSL

Location ID	Sample Date	Analyte	Result (µg/m^3)	Screening Level Value (µg/m^3)	SL Source
DOE-3	7/19/2018	Ethyl acetate	2.7	73	US EPA RSL
DOE-3	8/15/2018	Dichlorodifluoromethane	2.0	100	US EPA RSL
DOE-3	8/31/2018	Dichlorodifluoromethane	2.8	100	US EPA RSL
DOE-3	9/13/2018	Dichlorodifluoromethane	2.6	100	US EPA RSL
DOE-3	9/28/2018	Ethyl acetate	1.8	73	US EPA RSL
DOE-3	10/11/2018	Dichlorodifluoromethane	2.5	100	US EPA RSL
DOE-3	10/11/2018	Ethyl acetate	1.4	73	US EPA RSL
DOE-4	7/19/2018	Dichlorodifluoromethane	2.6	100	US EPA RSL
DOE-4	8/15/2018	Carbon disulfide	2.9	730	US EPA RSL
DOE-4	8/15/2018	Dichlorodifluoromethane	2.1	100	US EPA RSL
DOE-4	8/31/2018	2-Butanone	2.9	5200	US EPA RSL
DOE-4	8/31/2018	Carbon disulfide	6.4	730	US EPA RSL
DOE-4	8/31/2018	Dichlorodifluoromethane	2.8	100	US EPA RSL
DOE-4	9/13/2018	Carbon disulfide	7.1	730	US EPA RSL
DOE-4	9/13/2018	Chloromethane	1.7	94	US EPA RSL
DOE-4	9/13/2018	Dichlorodifluoromethane	2.8	100	US EPA RSL
DOE-4	9/28/2018	Ethyl acetate	1.6	73	US EPA RSL
DOE-4	10/11/2018	2-Butanone	18	5200	US EPA RSL
DOE-4	10/11/2018	4-Isopropyltoluene	5.1	-------	-------
DOE-4	10/11/2018	Carbon disulfide	22	730	US EPA RSL
DOE-4	10/11/2018	Dichlorodifluoromethane	2.3	100	US EPA RSL
DOE-4	10/11/2018	Ethyl acetate	3.1	73	US EPA RSL

Bold text and gray shaded – detection above the reporting limit, and also exceeds the EPA or DTSC Screening Level.

1 - RSL based on surrogate 1,1,1,2-Tetrafluoroethane (1,2-Dichlorotetrafluoroethane); 1,2-Dichlorobenzene (1,3-Dichlorobenzene); TPH, aromatic medium (4-Ethyltoluene); and TPH, aliphatic medium (n-Octane).

3.4 Radionuclide Data

There were 26 sampling events for air samplers DOE-1 through DOE-4 during this reporting period. Radionuclide samples were collected on glass fiber filters, as discussed in Section 2, and analyzed at the site. Results of gross alpha and gross beta along with the minimum detectable concentration (MDC) for the air samplers are provided in Table 7.

Results for the individual radionuclides from air samplers DOE-1 through DOE-4 are reported in Table 8. All 26 air filters for a sampling station were combined to form a composite sample. The four composite samples were processed at the laboratory and analyzed for the individual radionuclides. The laboratory reports the individual radionuclide data in units of picocuries (pCi)/sample. These data are converted to airborne radioactivity concentrations by dividing by the volume of air represented by each composite filter sample. Reporting units are microcuries (µCi)/milliliter (mL) as is referenced in the California regulations. Note that while each air sampler operated at 35 liters per minute (Lpm) the 4-inch-diameter filters had to be cut into 1.85-inch-diameter circles to be analyzed onsite in the gas flow proportional counter. These smaller-diameter filters were sent to the laboratory for analysis; therefore, the air volume represented by each individual filter was reduced accordingly (by a factor of 4.76).

Table 7. Gross alpha and gross beta air sample results for air samplers.

Sample Collection Date	Gross Alpha (µCi/mL)	Gross Alpha minimum detectable activity (MDA) (µCi/mL)	Gross Beta (µCi/mL)	Gross Beta MDC (µCi/mL)
Sample Location – DOE-1				
7/16/18	4.52E-15	1.34E-14	3.22E-14	6.23E-14
7/19/18	-8.54E-16	1.74E-14	6.43E-14	4.67E-14
7/23/18	2.52E-15	1.30E-14	1.13E-13	6.23E-14
7/26/18	9.19E-15	1.74E-14	6.49E-14	4.67E-14
7/30/18	7.53E-15	1.30E-14	3.67E-14	6.59E-14
8/2/18	1.01E-14	1.69E-14	5.00E-14	4.93E-14
8/6/18	1.01E-14	1.26E-14	3.25E-14	6.57E-14
8/9/18	4.22E-15	1.68E-14	5.49E-14	4.93E-14
8/13/18	1.19E-14	1.26E-14	4.14E-15	6.56E-14
8/16/18	8.52E-16	1.68E-14	3.12E-14	4.93E-14
8/20/18	3.17E-15	1.26E-14	6.33E-14	6.57E-14
8/23/18	5.03E-15	1.68E-14	3.80E-14	4.92E-14
8/27/18	1.32E-14	1.26E-14	2.58E-14	6.58E-14
8/30/18	8.39E-15	1.68E-14	6.19E-14	3.37E-14
9/4/18	8.51E-15	5.40E-15	6.18E-14	5.66E-14
9/7/18	1.09E-14	9.06E-15	1.00E-13	5.61E-14
9/10/18	1.16E-14	8.97E-15	7.47E-14	5.40E-14
9/13/18	1.04E-14	8.64E-15	7.01E-14	4.26E-14
9/17/18	1.07E-14	6.81E-15	6.17E-14	5.80E-14
9/20/18	1.72E-14	9.28E-15	8.01E-14	4.26E-14
9/24/18	1.27E-14	6.83E-15	8.89E-14	5.55E-14
9/27/18	1.40E-14	8.88E-15	8.53E-14	4.28E-14
10/1/18	2.61E-15	1.08E-14	5.64E-14	5.75E-14
10/4/18	0.00E+00	1.45E-14	5.84E-14	4.26E-14
10/8/18	1.28E-15	1.07E-14	6.84E-14	5.71E-14
10/11/18	4.30E-15	1.44E-14	6.84E-14	5.71E-14
Sample Location – DOE-2				
7/16/18	7.08E-15	1.21E-14	7.19E-14	4.75E-14
7/19/18	-3.43E-15	1.61E-14	6.75E-14	6.29E-14
7/23/18	8.17E-15	1.18E-14	7.82E-14	4.62E-14
7/26/18	1.09E-14	1.58E-14	1.16E-13	6.17E-14
7/30/18	1.01E-14	1.18E-14	7.64E-14	4.63E-14
8/2/18	1.31E-14	1.23E-14	5.70E-14	6.34E-14
8/6/18	1.66E-14	9.23E-15	6.06E-14	4.75E-14
8/9/18	9.80E-15	1.23E-14	5.26E-14	6.32E-14
8/13/18	6.73E-15	9.22E-15	6.24E-14	4.74E-14
8/16/18	5.68E-15	1.23E-14	-3.41E-15	6.32E-14
8/20/18	7.96E-15	9.23E-15	4.65E-14	4.75E-14
8/23/18	1.39E-14	1.23E-14	7.81E-14	6.33E-14
8/27/18	1.22E-14	9.21E-15	7.19E-14	4.74E-14
8/30/18	1.30E-14	1.23E-14	5.86E-14	6.32E-14
9/4/18	5.80E-15	8.76E-15	5.42E-14	3.58E-14
9/7/18	5.69E-15	1.47E-14	8.26E-14	6.01E-14
9/10/18	2.41E-15	1.46E-14	9.92E-14	5.96E-14
9/13/18	6.22E-15	1.40E-14	7.64E-14	5.74E-14
9/17/18	0.00E+00	1.11E-14	6.22E-14	4.52E-14
9/20/18	-4.14E-15	1.51E-14	8.47E-14	6.16E-14

Sample Collection Date	Gross Alpha (µCi/mL)	Gross Alpha minimum detectable activity (MDA) (µCi/mL)	Gross Beta (µCi/mL)	Gross Beta MDC (µCi/mL)
9/24/18	4.29E-15	1.11E-14	9.62E-14	4.53E-14
9/27/18	0.00E+00	1.44E-14	5.81E-14	5.90E-14
10/1/18	7.55E-15	1.18E-14	1.03E-13	4.42E-14
10/4/18	0.00E+00	1.59E-14	6.87E-14	5.94E-14
10/8/18	3.12E-15	1.18E-14	2.97E-14	4.40E-14
10/11/18	8.56E-16	1.58E-14	8.93E-14	5.90E-14
Sample Location – DOE-3				
7/16/18	6.42E-15	1.21E-14	3.70E-14	4.55E-14
7/19/18	6.65E-15	1.57E-14	6.88E-14	5.91E-14
7/23/18	3.11E-15	1.18E-14	5.35E-14	4.44E-14
7/26/18	1.65E-15	1.57E-14	9.62E-14	5.92E-14
7/30/18	6.87E-15	1.18E-14	7.46E-14	4.44E-14
8/2/18	1.72E-15	1.95E-14	6.08E-14	6.00E-14
8/6/18	1.95E-15	1.46E-14	6.99E-14	4.49E-14
8/9/18	1.71E-15	1.94E-14	7.98E-14	5.99E-14
8/13/18	2.61E-15	1.46E-14	6.61E-14	4.49E-14
8/16/18	-4.30E-15	1.94E-14	7.72E-14	5.98E-14
8/20/18	-1.95E-15	1.46E-14	6.05E-14	4.49E-14
8/23/18	4.31E-15	1.94E-14	7.73E-14	5.99E-14
8/27/18	3.89E-15	1.45E-14	7.47E-14	4.48E-14
8/30/18	-9.50E-15	1.94E-14	5.65E-14	5.99E-14
9/4/18	5.89E-15	8.19E-15	6.00E-14	3.75E-14
9/7/18	9.04E-15	1.37E-14	4.71E-14	6.30E-14
9/10/18	9.79E-15	1.36E-14	8.01E-14	6.24E-14
9/13/18	6.27E-15	1.31E-14	6.38E-14	6.01E-14
9/17/18	3.72E-15	1.03E-14	5.77E-14	4.74E-14
9/20/18	6.74E-15	1.41E-14	5.24E-14	6.45E-14
9/24/18	4.95E-15	1.03E-14	5.84E-14	4.74E-14
9/27/18	1.05E-14	1.35E-14	5.26E-14	6.17E-14
10/1/18	5.99E-15	1.00E-14	9.78E-14	4.39E-14
10/4/18	1.25E-14	1.34E-14	6.97E-14	5.89E-14
10/8/18	0.00E+00	9.95E-15	6.87E-14	4.37E-14
10/11/18	8.84E-15	1.33E-14	8.23E-14	5.85E-14
Sample Location – DOE-4				
7/16/18	1.37E-14	7.86E-15	4.51E-14	4.68E-14
7/19/18	1.35E-14	1.02E-14	5.78E-14	6.07E-14
7/23/18	8.91E-15	7.67E-15	4.34E-14	4.56E-14
7/26/18	1.19E-14	1.02E-14	6.19E-14	6.09E-14
7/30/18	1.91E-14	7.66E-15	5.29E-14	4.56E-14
8/2/18	1.12E-14	1.62E-14	7.22E-14	6.05E-14
8/6/18	7.06E-15	1.21E-14	6.75E-14	4.53E-14
8/9/18	1.03E-14	1.61E-14	6.08E-14	6.04E-14
8/13/18	2.58E-15	1.21E-14	7.11E-14	4.53E-14
8/16/18	8.73E-16	1.61E-14	1.94E-14	6.03E-14
8/20/18	2.59E-15	1.21E-14	6.08E-14	4.53E-14
8/23/18	6.02E-15	1.61E-14	4.45E-14	6.04E-14
8/27/18	6.43E-15	1.21E-14	3.34E-14	4.52E-14
8/30/18	-1.70E-15	1.61E-14	1.78E-14	6.03E-14
9/4/18	4.26E-15	8.92E-15	2.40E-14	3.85E-14

Sample Collection Date	Gross Alpha (µCi/mL)	Gross Alpha minimum detectable activity (MDA) (µCi/mL)	Gross Beta (µCi/mL)	Gross Beta MDC (µCi/mL)
9/7/18	2.38E-15	1.50E-14	1.88E-14	6.46E-14
9/10/18	3.16E-15	1.48E-14	7.97E-14	6.41E-14
9/13/18	1.21E-14	1.43E-14	8.33E-14	6.17E-14
9/17/18	5.37E-15	1.12E-14	5.92E-14	4.86E-14
9/20/18	4.88E-15	1.53E-14	7.98E-14	6.62E-14
9/24/18	3.59E-15	1.13E-14	6.13E-14	4.87E-14
9/27/18	3.13E-15	1.47E-14	5.54E-14	6.34E-14
10/1/18	2.00E-15	1.34E-14	7.45E-14	4.58E-14
10/4/18	1.82E-15	1.80E-14	6.07E-14	6.15E-14
10/8/18	6.75E-16	1.33E-14	1.09E-14	4.55E-14
10/11/18	9.05E-16	1.78E-14	4.72E-14	6.11E-14

Table 8. Individual radionuclide analysis.

Radionuclide	Result (pCi/sample)	Minimum Detectable Concentration (pCi/sample)	Data Qualifier[1]	Airborne Concentration (µCi/mL)
Location DOE-1 – Air volume/sample = 9.83E8 mL				
Actinium-228	15.4	36.8	U *U*	1.57E-14
Beryllium-7	136	64.5		1.38E-13
Cesium-137	2.82	11.7	U *U*	2.87E-15
Cobalt-60	1.24	13	U *U*	1.26E-15
Manganese-54	1.84	10	U *U*	1.87E-15
Potassium-40	-15.4	212	U *U*	-1.57E-14
Radium-226[2]	287	120		2.92E-13
Radium-228[2]	15.4	36.8	U *U*	1.57E-14
Polonium-210	8.48	0.157		8.63E-15
Thorium-228	0.341	0.299		3.47E-16
Thorium-230	0.756	0.346		7.69E-16
Thorium-232	0.457	0.148		4.65E-16
Uranium-233/234	0.591	0.197		6.01E-16
Uranium-235/236	0.0245	0.158	U *U*	2.49E-17
Uranium-238	0.655	0.175		6.66E-16
Plutonium-238	0.141	0.226	U *U*	1.43E-16
Plutonium-239/240	-0.0512	0.21	U *UJ*	-5.21E-17
Strontium-90	-0.0908	1.14	U *U*	-9.24E-17
Radium-228[3]	1.57	3.17	U *UJ*	1.60E-15
Americium-241	-0.118	0.467	U *U*	-1.20E-16
Plutonium-241	-0.315	5.59	U *U*	-3.20E-16
Radium-226[3]	0.771	1.17	U *UJ*	7.84E-16
Location DOE-2 – Air volume/sample = 9.82E8 mL				
Actinium-228	7.1	46.1	U *U*	7.23E-15
Beryllium-7	101	65.6		1.03E-13
Cesium-137	-0.328	17.6	U *U*	-3.34E-16
Cobalt-60	-0.0474	15.5	U *U*	-4.83E-17
Manganese-54	0.854	10	U *U*	8.70E-16
Potassium-40	142	173	U *U*	1.45E-13
Radium-226[2]	-86.2	300	U *U*	-8.78E-14
Radium-228[2]	7.1	46.1	U *U*	7.23E-15

Radionuclide	Result (pCi/sample)	Minimum Detectable Concentration (pCi/sample)	Data Qualifier[1]	Airborne Concentration (µCi/mL)
Polonium-210	7.84	0.178		7.98E-15
Thorium-228	0.656	0.333		6.68E-16
Thorium-230	0.816	0.366		8.31E-16
Thorium-232	0.606	0.159		6.17E-16
Uranium-233/234	0.935	0.197		9.52E-16
Uranium-235/236	0.069	0.103	U *U*	7.03E-17
Uranium-238	0.836	0.217		8.51E-16
Plutonium-238	0.0257	0.21	U *U*	2.62E-17
Plutonium-239/240	0.0963	0.124	U *U*	9.81E-17
Strontium-90	0.196	1.04	U *U*	2.00E-16
Radium-228[3]	-0.0962	2.75	U *UJ*	-9.80E-17
Americium-241	0.0806	0.195	U *U*	8.21E-17
Plutonium-241	-1.12	5.04	U *U*	-1.14E-15
Radium-226[3]	0.795	1.12	U *UJ*	8.10E-16
Location DOE-3 – Air volume/sample = 9.83E8 mL				
Actinium-228	-27.4	54.1	U *U*	-2.79E-14
Beryllium-7	36.6	123	U *U*	3.72E-14
Cesium-137	-0.838	19.2	U *U*	-8.52E-16
Cobalt-60	-3.26	18.1	U *U*	-3.32E-15
Manganese-54	-5.73	14	U *U*	-5.83E-15
Potassium-40	-1.43	165	U *U*	-1.45E-15
Radium-226[2]	0	227	U *U*	0.00E+00
Radium-228[2]	-27.4	54.1	U *U*	-2.79E-14
Polonium-210	8.89	0.185		9.04E-15
Thorium-228	0.481	0.378		4.89E-16
Thorium-230	0.575	0.39		5.85E-16
Thorium-232	0.327	0.18		3.33E-16
Uranium-233/234	0.831	0.24		8.45E-16
Uranium-235/236	0.00948	0.235	U *U*	9.64E-18
Uranium-238	0.844	0.147		8.59E-16
Plutonium-238	0.0818	0.277	U *U*	8.32E-17
Plutonium-239/240	0.0252	0.0756	U *U*	2.56E-17
Strontium-90	0.139	1.14	U *U*	1.41E-16
Radium-228[3]	0.359	2.96	U *UJ*	3.65E-16
Americium-241	0.0657	0.203	U *U*	6.68E-17
Plutonium-241	-1.92	5.27	U *U*	-1.95E-15
Radium-226[3]	0.882	1.07	U *UJ*	8.97E-16
Location DOE-4 – Air volume/sample = 9.83E8 mL				
Actinium-228	12.1	30.3	U *U*	1.23E-14
Beryllium-7	179	47.6		1.82E-13
Cesium-137	-2.5	16.4	U *U*	-2.54E-15
Cobalt-60	1.11	15.2	U *U*	1.13E-15
Manganese-54	-4.62	14	U *U*	-4.70E-15
Potassium-40	59.4	165	U *U*	6.04E-14
Radium-226[2]	0	238	U *U*	0.00E+00
Radium-228[2]	12.1	30.3	U *U*	1.23E-14
Polonium-210	9.04	0.248		9.20E-15
Thorium-228	0.638	0.33		6.49E-16
Thorium-230	0.524	0.371		5.33E-16
Thorium-232	0.405	0.195		4.12E-16

Radionuclide	Result (pCi/sample)	Minimum Detectable Concentration (pCi/sample)	Data Qualifier[1]	Airborne Concentration (µCi/mL)
Uranium-233/234	0.697	0.131		7.09E-16
Uranium-235/236	0.0842	0.189	U *U*	8.57E-17
Uranium-238	0.358	0.167		3.64E-16
Plutonium-238	0.0683	0.212	U *U*	6.95E-17
Plutonium-239/240	0.0373	0.139	U *U*	3.79E-17
Strontium-90	0.831	1.2	U *U*	8.45E-16
Radium-228[3]	0.337	2.81	U *UJ*	3.43E-16
Americium-241	0.190	0.209	U *U*	1.93E-16
Plutonium-241	-2.27	5.75	U *U*	-2.31E-15
Radium-226[3]	0.633	1.07	U *UJ*	6.44E-16

[1] Qualifier column contains laboratory flags (normal font) and validation qualifiers (italics)

[2] Results determined by gamma spectroscopy have a higher MDC than when determined by radium extraction and alpha or beta analysis. Radium-226 analyses by gamma spectroscopy have an interference with uranium-235 that is hard to resolve. All results for radium-226 and radium-228 are less than the airborne effluent limits shown in 10 CFR 20 Appendix B, Table 2, even when the higher MDC values are used.

[3] Results determined by radium extraction and alpha or beta analysis. Barium is used as a chemical carrier to determine the radium chemical yield. All samples had an interference. The barium percent yield was out of laboratory tolerance of $\pm$40 to 110%. In all cases the carrier yield was higher than 110%. This means that all reported results for radium-226 and radium-228 alpha or beta analysis are biased low. All analytical results for radium-226 and radium-228 are at least 1,000 times less than the airborne effluent limits shown in 10 CFR 20, Appendix B, Table 2. Thus, even though there is a low bias in the results, the data are still several orders of magnitude less than the airborne effluent limits.

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4. QA/QC ACTIVITIES

The following QA/QC activities were conducted for the PM_{10}, VOC, radionuclide, and meteorological data collection and analysis.

4.1 Field QA/QC

4.1.1 PM_{10}

The 24-hour daily averages for Q2 are presented in Appendix A along with the monthly average minimum, maximum, and 95th percentile for each station location.

Flow Verifications

Functionality of the MetOne E-BAM units is verified and recorded monthly during instrument audits; however, the instruments are also checked several times a week for operability. During the monthly audits, the MetOne E-BAM temperature, pressure, and flow rate are verified against a National Institute of Standards and Technology (NIST) traceable flowmeter. None of the results exceeded the flow rate measurement quality objective of +/- 7%.

4.1.2 VOCs

A minimum of 20% of the VOC results are undergoing third-party data validation. During this quarter, one of the seven sample delivery groups (SDGs), SDG 320-42156-1, underwent data validation.

4.1.3 Field Duplicates

Seven field duplicates were collected during this reporting period, one per sampling event, which exceeds the minimum quality objective of 10%. However, one of the sample duplicates (DOE-3_083118_D) was not analyzed since the canister was received by the laboratory in the open position. Ten of the analytes detected in the six field duplicates exceeded the quality objective of +/- 15% relative percent difference (RPD). Twelve analytes were detected near the reporting limit in either the sample or duplicate, and in comparison, were reported as a non-detect in the associated sample or duplicate. Five sample and duplicate analyte detections were within the quality objective of +/- 15% RPD. There were no other detections associated with the samples and associated duplicates collected during this reporting period.

4.1.4 Canister Pressure

Vacuum in the canisters is measured before and after sampling with an analog pressure gauge to ensure proper function. Final canister vacuums ranged from -5 inches Hg to -1 inches Hg during this reporting period.

4.1.5 Radiological

The detector for onsite gross alpha and beta sample analysis is calibrated annually by a third-party vendor using sources traceable to the NIST. The detector is checked in by counting alpha- and beta-emitting sources at the site when received from the vendor following calibration. This establishes an acceptable performance range for daily source checks. On each day the detector is used, performance is determined with the site source. The detector may be used if the daily check is within the acceptable performance range.

Samples analyzed at the offsite laboratory have QC checks performed at the laboratory. These QC checks include blanks, laboratory replicates, matrix spikes, and matrix spike duplicates. Barium, which behaves

chemically similar at to radium, is used as a carrier to determine the yield of the chemical extraction. The acceptable yield per laboratory procedure is from 40 to 110%. The barium yield was greater than 110% for all radium analyses. When the yield is higher than that allowed, then the analytical results for radium-226 and radium-228 are biased low. All results were less than the laboratory MDC. In all cases, the radium-226 and radium-228 results when evaluated against the MDC were more than 1,000 times less than the airborne effluent limits listed in 10 CFR 20, Appendix B, Table 2. Thus, there is no reason to suspect that there was an airborne release of radium-226 or radium-228 that was of any significance.

A minimum of 20% of the annual radiological analytical results are undergoing third-party data validation. The SDG from this quarter underwent the annual data validation.

4.1.6 Meteorological

Data validation screening was performed on the recorded meteorological data routinely throughout the reporting period following each weekly data download. Data validation screening was based on Table 8 – Screening Criteria of the EPA's *Meteorological Monitoring Guidance for Regulatory Modeling Applications* (EPA 2000), as discussed in Section 3.1. The data validation screening provided the basis for evaluating data completeness and for determining sensor performance and/or maintenance status.

4.1.7 Maintenance

Equipment maintenance performed during this reporting period included the following:

- Cleaned MetOne E-BAM nozzle/vane, as needed
- Cleaned PM_{10} inlets and downtubes, as needed.

4.1.8 Corrective Action

The following issue and corrective action regarding the PM_{10} monitors was noted. No issues or corrective actions were noted regarding the remaining monitoring equipment or sampling events during this reporting period.

4.1.9 PM_{10} Monitors

The MetOne E-BAM monitor at DOE-2 was down from July 15 to July 19, as discussed in Section 3.2. The monitor shut down during Q1 and had been sent back to the manufacturer. The monitor was replaced with a new monitor on July 20. At the time that DOE-2 went down, the back-up monitor that was onsite was already in use and a replacement back-up had not yet been received. A back-up monitor is now currently onsite to reduce future downtime.

4.1.10 Meteorological Station

During the data validation screening performed on the meteorological dataset from the DOE-4 station, no issues were identified that had an impact on the data quality and data completeness. Therefore, no corrective actions were necessary for the Q2 meteorological data collection. Although not a corrective action, the recommended maintenance frequency for the meteorological sensors is presented below.

Meteorological Data Sensor Maintenance – Proper and timely maintenance of the meteorological sensors is critical for ensuring that the data are not only valid (based on screening criteria) but also accurate. Schedules for maintenance and calibration are listed in the sensor user manual, based on the service time of the sensor. Table 9 lists the maintenance schedules for the MetOne sensors installed at the DOE-4 meteorological station. The meteorological sensors had not been in service long enough during the first

and second reporting quarters to need mechanical maintenance. However, for future reporting periods, the maintenance schedules will be considered as part of the meteorological data validation procedures.

Table 9. Meteorological sensor recommended maintenance frequency (MetOne).

Sensor	Frequency	Maintenance
WS	6–12 Month	Inspect for proper operation (manual check of pulses per revolution, bearing condition, anemometer cup condition, and bearing replacement if warranted).
	12–24 Month	Return to MetOne for complete overhaul.
WD	6–12 Month	Inspect for proper operation (manual check of sensor readings through 360°).
	6–12 Month	Field calibration.
	12–24 Month	Replace bearings and potentiometer.
T	6–12 Month	Inspect sensor for proper operation (field comparison sensor reading against a precision mercury thermometer).
RH	6–12 Month	Inspect sensor for proper operation (compare sensor reading against local weather service or field psychrometer).
	12 Month	Return sensor to MetOne for calibration and replacement of O-rings and filter membrane.
Rain Gauge	6 Month	Clean sensor and bucket and field verify proper operation.
Pressure	12 Month	Return sensor to MetOne for calibration and replacement of O-rings and filter membrane.
Radiometer	Monthly	Clean sensor glass dome with clean rag/tissue.
Note – Maintenance schedules are as specified in the respective MetOne sensor user manuals.		

4.2 Laboratory QA/QC

This report covers 34 air monitoring samples for VOCs collected and analyzed according to the EPA Toxic Compendium Method TO-15, *Determination of Volatile Organic Compounds (VOCs) in Air Collected in Specially-Prepared Canisters and Analyzed by Gas Chromatography/Mass Spectrometry (GC/MS)* (EPA 1999). These samples were reported under seven SDGs by the laboratory. The analyses were performed by Test America Group in Sacramento, CA. For each SDG, the laboratory ran continuing calibration verification, a method blank, and laboratory control samples, and verified surrogate recoveries for each sample.

4.3 Audit Results

The PM_{10} instruments were calibrated at the manufacturer and were functioning properly upon installation. The PM_{10} instruments were audited monthly with a secondary NIST traceable flow meter. Although audits occur only monthly, the instruments were checked to ensure that they were functioning several times a week. Table 10 lists the dates for audits conducted in July through October. No flow rate comparisons exceeded the project's acceptance criterion of +/- 7%. Complete audit reports are presented in Appendix C.

Table 10. PM_{10} audit completeness.

Location	MetOne E-BAM Serial Number	Parameter	Date
DOE-1	X16067	PM_{10}	7/17/2018
DOE-2	W23314	PM_{10}	7/20/2018
DOE-3	W23313	PM_{10}	7/17/2018
DOE-4	W23316	PM_{10}	7/17/2018
DOE-1	X16067	PM_{10}	8/17/2018
DOE -2	W23314	PM_{10}	8/17/2018
DOE-3	W23313	PM_{10}	8/17/2018
DOE-4	W23316	PM_{10}	8/17/2018
DOE-1	X16067	PM_{10}	9/18/2018
DOE -2	W23314	PM_{10}	9/18/2018
DOE-3	W23313	PM_{10}	9/18/2018
DOE-4	W23316	PM_{10}	9/18/2018
DOE-1	X16067	PM_{10}	10/12/2018
DOE -2	W23314	PM_{10}	10/12/2018
DOE-3	W23313	PM_{10}	10/12/2018
DOE-4	W23316	PM_{10}	10/12/2018

5. SUMMARY

This report summarizes the air monitoring data collected during the Q2 reporting period: July 15 through October 14, 2018. Field and laboratory QA procedures were acceptable during this monitoring period.

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6. REFERENCES

10 Code of Federal Regulations (CFR) 20, Appendix B, "Annual Limits on Intake (ALIs) and Derived Air Concentrations (DACs) of Radionuclides for Occupational Exposure; Effluent Concentrations; Concentrations for Release to Sewerage," Table 2.

40 CFR 58, Appendix C –Ambient Air Quality Monitoring Methodology.

California Environmental Protection Agency, Department of Toxic Substances Control (DTSC). 2018a. *Approval of the Final Air Monitoring Station Locations for the Santa Susana Field Laboratory, Ventura County, California.* January.

California Environmental Protection Agency, Department of Toxic Substances Control (DTSC). 2018b. Human and Ecological Risk Office Human Health Risk Assessment Note Number 3, DTSC-modified Screening Levels. June. https://www.dtsc.ca.gov/AssessingRisk/upload/HHRA-Note-3-June-2018.pdf.

National Aeronautics and Space Administration (NASA). 2017. *Santa Susana Field Laboratory Baseline Air Monitoring Report Work Plan Report.* Prepared for California Department of Toxic Substances Control. Prepared on behalf of National Aeronautics and Space Administration, George C. Marshall Space Flight Center, The Boeing Company, and Department of Energy, Energy Technology and Engineering Center. September. Available online at:https://www.dtsc-ssfl.com/files/lib_air_monitor/work_plan/67496_SSFL_AirMonitoringWorkPlan_Final.pdf

U.S. Environmental Protection Agency (EPA). 1999. *Air Method, Toxic Organics-15 (TO-15), Determination of Volatile Organic Compounds (VOCs) in Air Collected in Specially-Prepared Canisters and Analyzed by Gas Chromatography/Mass Spectrometry (GC/MS)*. EPA 625/R-96/010b. January. Available online at: https://www.epa.gov/homeland-security-research/epa-air-method-toxic-organics-15-15-determination-volatile-organic

U.S. Environmental Protection Agency (EPA). 2000. *Meteorological Monitoring Guidance for Regulatory Modeling Applications, United State Environmental Protection Agency, Office of Air Quality Planning and Standards*. EPA-454/R-99-005. February.

U.S. Environmental Protection Agency (EPA). 2018. Regional Screening Levels – Generic Tables. https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables. May.

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Figure 1

SSFL Air Monitoring Locations

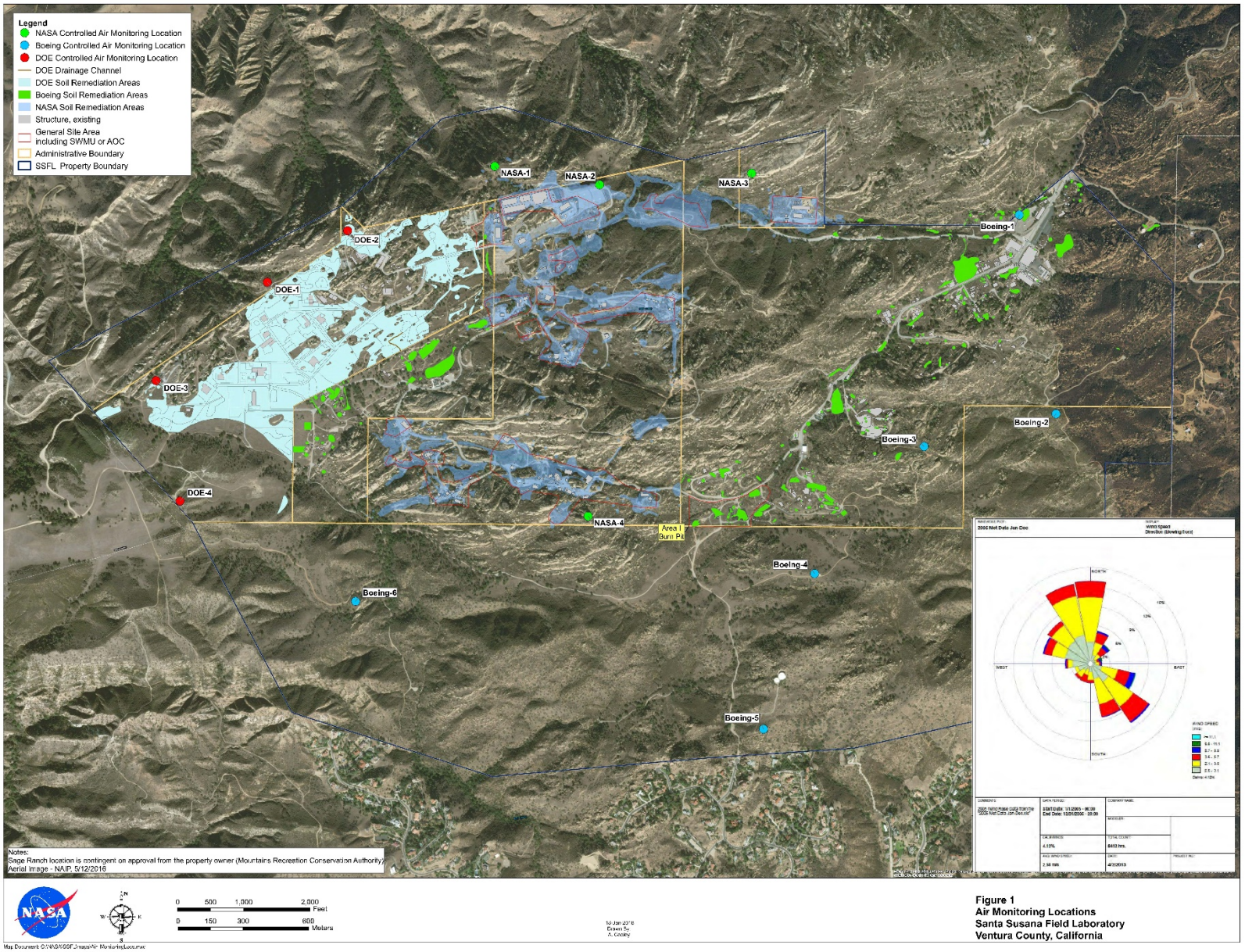


Figure 1
Air Monitoring Locations
Santa Susana Field Laboratory
Ventura County, California

Figure 2

DOE Air Monitoring Locations

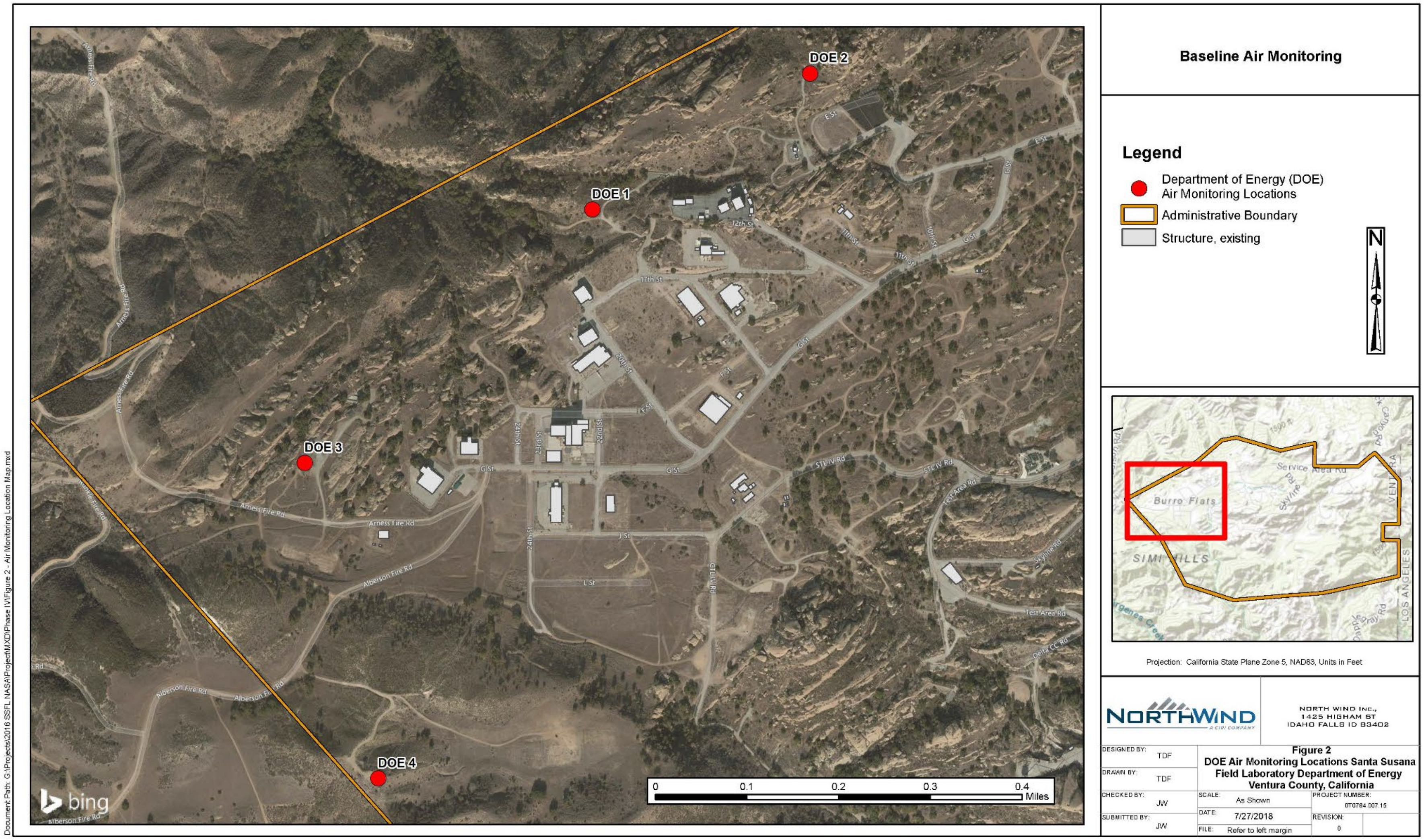
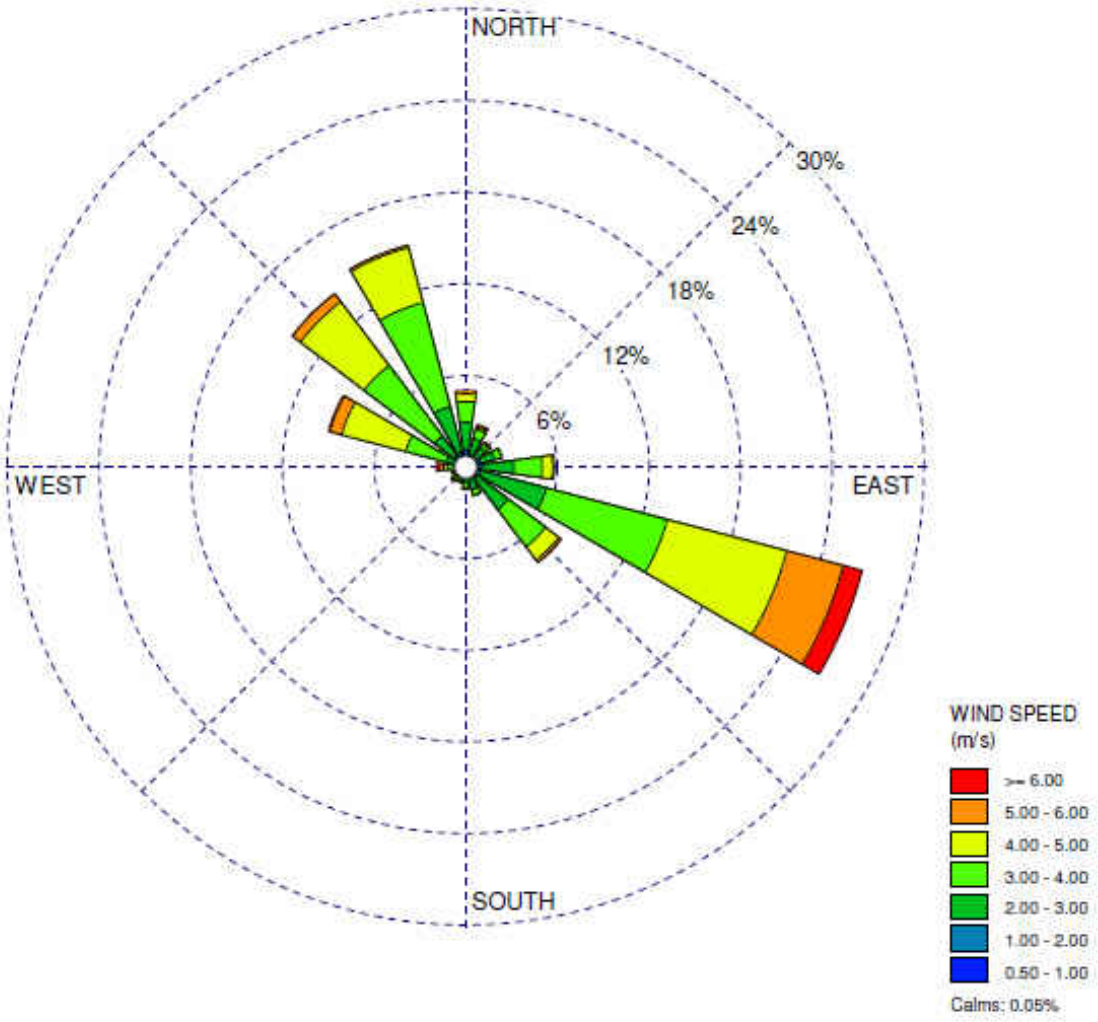

DOE 1
DOE 2
DOE 3
DOE 4
0 0.1 0.2 0.3 0.4 Miles
Baseline Air Monitoring
Legend
Department of Energy (DOE) Air Monitoring Locations
Administrative Boundary
Structure, existing
N
Burro Flats
SIMI HILLS
Projection: California State Plane Zone 5, NAD83, Units in Feet
NORTHWIND
NORTH WIND INC., 1425 HIGHAM ST IDAHO FALLS ID 83402
DESIGNED BY: TDF
DRAWN BY: TDF
CHECKED BY: JW
SUBMITTED BY: JW
Figure 2
DOE Air Monitoring Locations Santa Susana Field Laboratory Department of Energy Ventura County, California
SCALE: As Shown
PROJECT NUMBER: 0T0784.007.15
DATE: 7/27/2018
REVISION: 0
FILE: Refer to left margin
Document Path: G:\Projects\2016 SSFL NASA\Project\MXD\Phase IV\Figure 2 - Air Monitoring Location Map.mxd

Figure 3

DOE Quarterly Windrose

WIND ROSE PLOT:
SANTA SUSANA FIELD LABORATORY / Station ID: DOE-4

DISPLAY:
Wind Speed
Direction (blowing from)



COMMENTS:	DATA PERIOD:	COMPANY NAME:	
ETEC **BAM Quarter #2** • **Start: 15 Jul 2018** • **End: 14 Oct 2018**	**Start Date: 7/15/2018 - 00:00** **End Date: 10/14/2018 - 23:00**	**North Wind, Inc.**	
	CALM WINDS: **0.05%**	TOTAL COUNT: **8832 observations**	NORTHWIND
	AVG. WIND SPEED: **3.41 m/s**	DATE: **10/19/2018**	PROJECT NO.: **010784.007.15**

WRPLOT View - Lakes Environmental Software

APPENDIX A

PM_{10} Daily Averages and Monthly Statistics

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PM_{10} Daily Averages

Site ID	DOE-1	DOE-2	DOE-3	DOE-4
Sample Date	PM_{10} (µg/m^3) (CAAQS 50 µg/m^3)	PM_{10} (µg/m^3) (CAAQS 50 µg/m^3)	PM_{10} (µg/m^3) (CAAQS 50 µg/m^3)	PM_{10} (µg/m^3) (CAAQS 50 µg/m^3)
07/15/18	14.91667		16.50000	14.83333
07/16/18	22.45833		26.62500	17.12500
07/17/18	16.45833		18.87500	17.66667
07/18/18	17.87500		19.62500	19.00000
07/19/18	17.54167		23.58333	86.62500
07/20/18	12.16667	9.04167	17.79167	46.04167
07/21/18	9.58333	12.87500	14.29167	97.62500
07/22/18	7.79167	8.45833	17.45833	40.41667
07/23/18	14.25000	16.12500	16.37500	60.04167
07/24/18	21.37500	22.29167	22.29167	99.16667
07/25/18	25.12500	25.20833	28.70833	60.37500
07/26/18	28.08333	27.00000	26.33333	22.16667
07/27/18	22.58333	21.79167	22.37500	18.62500
07/28/18	22.87500	27.08333	28.70833	17.29167
07/29/18	14.41667	15.08333	17.54167	11.91667
07/30/18	13.08333	11.54167	13.50000	10.50000
07/31/18	11.95833	33.41667	12.83333	11.33333
08/01/18	12.58333	39.37500	13.25000	12.83333
08/02/18	17.33333	29.54167	16.87500	15.58333
08/03/18	15.62500	17.66667	18.83333	14.45833
08/04/18	16.79167	27.04167	16.37500	14.45833
08/05/18	16.33333	17.16667	17.16667	16.00000
08/06/18	17.37500	18.91667	19.08333	16.95833
08/07/18	37.08333	38.58333	38.83333	36.16667
08/08/18	21.04167	18.50000	24.33333	16.45833
08/09/18	12.66667	11.08333	12.41667	10.50000
08/10/18	17.41667	13.95833	16.54167	13.00000
08/11/18	17.37500	13.70833	20.08333	13.41667
08/12/18	14.00000	14.50000	15.33333	12.45833
08/13/18	19.87500	15.58333	17.29167	11.50000
08/14/18	16.16667	12.29167	15.04167	13.66667
08/15/18	16.20833	14.45833	23.79167	13.20833
08/16/18	17.45833	16.83333	20.33333	14.54167
08/17/18	18.44000	21.68000	21.16000	18.68000
08/18/18	23.41667	21.50000	25.95833	20.45833
08/19/18	22.62500	24.58333	23.33333	21.70833

Site ID	DOE-1	DOE-2	DOE-3	DOE-4
Sample Date	PM_{10} (µg/m^3) (CAAQS 50 µg/m^3)	PM_{10} (µg/m^3) (CAAQS 50 µg/m^3)	PM_{10} (µg/m^3) (CAAQS 50 µg/m^3)	PM_{10} (µg/m^3) (CAAQS 50 µg/m^3)
08/20/18	25.45833	26.58333	26.37500	21.83333
08/21/18	24.04167	23.37500	32.54167	21.62500
08/22/18	23.37500	22.04167	26.25000	23.12500
08/23/18	24.41667	23.75000	30.58333	19.83333
08/24/18	30.75000	31.45833	33.12500	29.29167
08/25/18	32.62500	35.54167	42.45833	33.29167
08/26/18	25.00000	25.25000	31.50000	23.00000
08/27/18	26.29167	25.12500	36.08333	22.33333
08/28/18	19.00000	19.54167	26.95833	16.45833
08/29/18	18.87500	18.12500	17.91667	16.16667
08/30/18	16.33333	14.33333	14.20833	14.79167
08/31/18	19.33333	18.91667	22.50000	19.95833
09/01/18	26.08333	26.41667	24.62500	21.95833
09/02/18	18.62500	17.75000	18.29167	15.04167
09/03/18	19.75000	19.16667	17.87500	14.70833
09/04/18	18.04167	16.16667	14.91667	12.50000
09/05/18	11.79167	13.54167	16.04167	10.62500
09/06/18	14.58333	13.16667	17.29167	13.37500
09/07/18	19.25000	18.58333	22.08333	17.79167
09/08/18	19.45833	18.08333	17.50000	16.29167
09/09/18	20.25000	17.45833	22.62500	16.33333
09/10/18	29.87500	24.91667	24.37500	22.33333
09/11/18	20.45833	20.83333	26.50000	18.87500
09/12/18	22.04167	20.37500	21.04167	17.12500
09/13/18	18.45833	15.29167	22.79167	19.73913
09/14/18	7.50000	7.33333	11.20833	12.08000
09/15/18	11.20833	11.79167	10.83333	11.08333
09/16/18	10.41667	9.08333	9.91667	9.25000
09/17/18	10.45833	9.20833	10.58333	8.87500
09/18/18	15.29167	14.20833	16.58333	12.08333
09/19/18	16.04167	16.37500	15.95833	16.37500
09/20/18	19.83333	22.50000	22.20833	20.08333
09/21/18	40.50000	37.50000	34.79167	36.83333
09/22/18	28.45833	19.45833	17.79167	15.12500
09/23/18	22.37500	15.04167	15.04167	13.25000
09/24/18	38.20833	20.20833	45.75000	27.87500
09/25/18	33.33333	20.87500	41.41667	25.87500
09/26/18	35.04167	29.95833	39.37500	31.54167

Site ID	DOE-1	DOE-2	DOE-3	DOE-4
Sample Date	**PM_{10} (µg/m^3) (CAAQS 50 µg/m^3)**	**PM_{10} (µg/m^3) (CAAQS 50 µg/m^3)**	**PM_{10} (µg/m^3) (CAAQS 50 µg/m^3)**	**PM_{10} (µg/m^3) (CAAQS 50 µg/m^3)**
09/27/18	27.95833	25.66667	46.20833	25.04167
09/28/18	34.70833	27.08333	38.20833	33.12500
09/29/18	23.25000	20.79167	35.50000	18.83333
09/30/18	16.45833	15.00000	17.00000	12.62500
10/01/18	12.25000	10.58333	12.45833	10.75000
10/02/18	19.70833	14.37500	15.29167	14.16667
10/03/18	12.79167	22.45833	29.83333	11.29167
10/04/18	12.75000	9.54167	15.16667	16.66667
10/05/18	15.54167	11.45833	14.50000	12.12500
10/06/18	17.33333	20.41667	16.75000	20.37500
10/07/18	17.08333	17.04167	17.20833	19.12500
10/08/18	17.91667	16.70833	14.50000	21.45833
10/09/18	15.62500	17.37500	19.00000	14.00000
10/10/18	16.41667	15.70833	20.29167	10.91667
10/11/18	15.54167	15.16667	12.45833	8.62500
10/12/18	11.08333	12.12500	11.00000	13.50000
10/13/18	7.25000	9.12500	18.04167	7.16667
10/14/18	13.16667	15.45833	11.83333	10.87500

The CAAQS annual average PM_{10} concentration standard is 20 micrograms per cubic meter (µg/m^3) and the 24-hour average PM_{10} concentration standard is 50 µg/m^3.

PM_{10} Monthly Statistics

Location ID	July 2018			August 2018			September 2018			October 2018		
	PM_{10}			PM_{10}			PM_{10}			PM_{10}		
	High	Low	95th PCTL	High	Low	95th PCTL	High	Low	95th PCTL	High	Low	95th PCTL
DOE-1	28.0833	7.7917	25.7167	37.0833	12.5833	31.6875	40.5000	7.5000	36.7833	19.7083	7.2500	18.6333
DOE-2	33.4167	8.4583	29.9333	39.3750	11.0833	37.0625	37.5000	7.3333	28.6646	22.4583	9.1250	21.2333
DOE-3	28.7083	12.8333	28.7083	42.4583	12.4167	37.4583	46.2083	9.9167	43.8000	29.8333	11.0000	24.1083
DOE-4	99.1667	10.5000	97.9333	36.1667	10.5000	31.2917	36.8333	8.8750	32.4125	21.4583	7.1667	20.8083

PCTL = percentile

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APPENDIX B

Analytical Results for Ambient Air VOCs

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APPENDIX B
Analytical Results for Ambient Air VOCs

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U	5200	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U	-------	-------
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	75-15-0	Carbon disulfide	3.6	ug/m3	2.5		730	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U*	0.067	DTSC HHRA Note 3
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	75-71-8	Dichlorodifluoromethane	2.9	ug/m3	2.0		100	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	141-78-6	Ethyl acetate	2.4	ug/m3	1.1		73	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U	310	DTSC HHRA Note 3
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	156-60-5	trans-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	83	DTSC HHRA Note 3
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-1	DOE-1_071918_S-07192018	N	7/19/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U	5200	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U	-------	-------
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	75-15-0	Carbon disulfide	< 2.5	ug/m3	2.5	U	730	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U*	0.067	DTSC HHRA Note 3
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	75-71-8	Dichlorodifluoromethane	2.8	ug/m3	2.0		100	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	141-78-6	Ethyl acetate	< 1.1	ug/m3	1.1	U	73	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U	310	DTSC HHRA Note 3
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	156-60-5	trans-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	83	DTSC HHRA Note 3
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-2	DOE-2_071918_S-07192018	N	7/19/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	78-93-3	2-Butanone	3.7	ug/m3	2.4		5200	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	99-87-6	4-Isopropyltoluene	4.4	ug/m3	4.4		-------	-------
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	75-15-0	Carbon disulfide	11	ug/m3	2.5		730	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U*	0.067	DTSC HHRA Note 3
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	75-71-8	Dichlorodifluoromethane	2.8	ug/m3	2.0		100	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	141-78-6	Ethyl acetate	2.7	ug/m3	1.1		73	US EPA RSL

APPENDIX B
Analytical Results for Ambient Air VOCs

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U	310	DTSC HHRA Note 3
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	156-60-5	trans-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	83	DTSC HHRA Note 3
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-3	DOE-3_071918_S-07192018	N	7/19/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U	5200	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U	-------	-------
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	75-15-0	Carbon disulfide	< 2.5	ug/m3	2.5	U	730	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U*	0.067	DTSC HHRA Note 3
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	75-71-8	Dichlorodifluoromethane	2.6	ug/m3	2.0		100	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	141-78-6	Ethyl acetate	< 1.1	ug/m3	1.1	U	73	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U	310	DTSC HHRA Note 3
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-4	DOE-4_071918_S-07192018	N	7/19/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U	5200	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U	-------	-------
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	75-15-0	Carbon disulfide	< 2.5	ug/m3	2.5	U	730	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U*	0.067	DTSC HHRA Note 3
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	75-71-8	Dichlorodifluoromethane	2.5	ug/m3	2.0		100	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	141-78-6	Ethyl acetate	1.4	ug/m3	1.1		73	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U	310	DTSC HHRA Note 3
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-4	DOE-4_071918_D-07192018	FD	7/19/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U	5200	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U	-------	-------
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	75-15-0	Carbon disulfide	< 2.5	ug/m3	2.5	U	730	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U	0.067	DTSC HHRA Note 3
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	75-71-8	Dichlorodifluoromethane	< 2.0	ug/m3	2.0	U	100	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	141-78-6	Ethyl acetate	< 1.1	ug/m3	1.1	U	73	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U	310	DTSC HHRA Note 3
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	156-60-5	trans-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	83	DTSC HHRA Note 3
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-1	DOE-1_073118_S-07312018	N	7/31/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U	5200	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U	-------	-------
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	75-15-0	Carbon disulfide	< 2.5	ug/m3	2.5	U	730	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U	0.067	DTSC HHRA Note 3
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	75-71-8	Dichlorodifluoromethane	< 2.0	ug/m3	2.0	U	100	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	141-78-6	Ethyl acetate	2.1	ug/m3	1.1		73	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U	310	DTSC HHRA Note 3
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-1	DOE-1_073118_D-07312018	FD	7/31/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U	5200	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U	-------	-------
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	75-15-0	Carbon disulfide	< 2.5	ug/m3	2.5	U	730	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U	0.067	DTSC HHRA Note 3
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	75-71-8	Dichlorodifluoromethane	< 2.0	ug/m3	2.0	U	100	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	141-78-6	Ethyl acetate	< 1.1	ug/m3	1.1	U	73	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U	310	DTSC HHRA Note 3
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-2	DOE-2_073118_S-07312018	N	7/31/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U	5200	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U	-------	-------
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	75-15-0	Carbon disulfide	< 2.5	ug/m3	2.5	U	730	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U	0.067	DTSC HHRA Note 3
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	75-71-8	Dichlorodifluoromethane	< 2.0	ug/m3	2.0	U	100	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	141-78-6	Ethyl acetate	< 1.1	ug/m3	1.1	U	73	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U	310	DTSC HHRA Note 3
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-3	DOE-3_073118_S-07312018	N	7/31/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U	5200	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U	-------	-------
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	75-15-0	Carbon disulfide	< 2.5	ug/m3	2.5	U	730	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U	0.067	DTSC HHRA Note 3
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	75-71-8	Dichlorodifluoromethane	< 2.0	ug/m3	2.0	U	100	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	141-78-6	Ethyl acetate	< 1.1	ug/m3	1.1	U	73	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U	310	DTSC HHRA Note 3
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-4	DOE-4_073118_S-07312018	N	7/31/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U *U*	1000	DTSC HHRA Note 3
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U *U*	0.048	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U *U*	5200	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U* *U*	0.18	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U *U*	1.8	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U *U*	73	DTSC HHRA Note 3
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U *U*	0.39	DTSC HHRA Note 3
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U* *U*	63	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U* *U*	0.0047	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U* *U*	210	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U *U*	0.11	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U* *U*	0.28	DTSC HHRA Note 3
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U *U*	83000	US EPA RSL[1]
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U *U*	63	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U *U*	0.017	DTSC HHRA Note 3
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U* *U*	210	US EPA RSL[1]
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U* *U*	0.26	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U *U*	0.36	DTSC HHRA Note 3
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U *U*	5200	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U *U*	31	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U *U*	3.1	US EPA RSL[1]
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U *U*	-------	-------
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U *U*	3100	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U* *U*	0.021	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U* *U*	0.0097	DTSC HHRA Note 3
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U *U*	0.097	DTSC HHRA Note 3
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U *U*	0.057	DTSC HHRA Note 3
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U *U*	0.076	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U *U*	2.6	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U *U*	5.2	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U *U*	210	DTSC HHRA Note 3
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U *U*	420	DTSC HHRA Note 3
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	75-15-0	Carbon disulfide	< 2.5	ug/m3	2.5	U *U*	730	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U *U*	0.067	DTSC HHRA Note 3
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U *U*	10000	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U *U*	0.12	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U *U*	94	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U *U*	8.3	DTSC HHRA Note 3
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U *U*	U *U*	-------
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U *U*	6300	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U *U*	0.13	DTSC HHRA Note 3
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	75-71-8	Dichlorodifluoromethane	2.1	ug/m3	2.0		100	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	141-78-6	Ethyl acetate	< 1.1	ug/m3	1.1	U *U*	73	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U* *U*	1.1	US EPA RSL

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U* *U*	0.13	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U *U*	730	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U *U*	210	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U* *U*	420	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U* *U*	100	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U *U*	11	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U *U*	1	DTSC HHRA Note 3
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U *U*	0.083	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U *U*	420	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U *U*	100	US EPA RSL[1]
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U *U*	1000	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U* *U*	100	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U* *U*	940	DTSC HHRA Note 3
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U *U*	0.46	DTSC HHRA Note 3
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U *U*	2000	EPA IRIS
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U* *U*	310	DTSC HHRA Note 3
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	156-60-5	trans-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U *U*	83	DTSC HHRA Note 3
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U* *U*	-------	-------
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U *U*	0.48	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U *U*	1300	DTSC HHRA Note 3
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U* *U*	210	US EPA RSL
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U *U*	0.0095	DTSC HHRA Note 3
DOE-1	DOE-1_081518_S-08152018	N	8/15/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U* *U*	100	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U *U*	1000	DTSC HHRA Note 3
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U *U*	0.048	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U *U*	5200	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U* *U*	0.18	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U *U*	1.8	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U *U*	73	DTSC HHRA Note 3
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U *U*	0.39	DTSC HHRA Note 3
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U* *U*	63	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U* *U*	0.0047	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U* *U*	210	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U *U*	0.11	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U* *U*	0.28	DTSC HHRA Note 3
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U *U*	83000	US EPA RSL[1]
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U *U*	63	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U *U*	0.017	DTSC HHRA Note 3
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U* *U*	210	US EPA RSL[1]
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U* *U*	0.26	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U *U*	0.36	DTSC HHRA Note 3
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	78-93-3	2-Butanone	6.3	ug/m3	2.4		5200	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U *U*	31	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U *U*	3.1	US EPA RSL[1]
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U *U*	-------	-------
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U *U*	3100	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U* *U*	0.021	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U* *U*	0.0097	DTSC HHRA Note 3
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U *U*	0.097	DTSC HHRA Note 3
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U *U*	0.057	DTSC HHRA Note 3
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U *U*	0.076	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U *U*	2.6	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U *U*	5.2	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U *U*	210	DTSC HHRA Note 3
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U *U*	420	DTSC HHRA Note 3
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	75-15-0	Carbon disulfide	11	ug/m3	2.5		730	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U *U*	0.067	DTSC HHRA Note 3
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U *U*	10000	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U *U*	0.12	US EPA RSL

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U *U*	94	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U *U*	8.3	DTSC HHRA Note 3
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U *U*	-------	-------
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U *U*	6300	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U *U*	0.13	DTSC HHRA Note 3
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	75-71-8	Dichlorodifluoromethane	2.0	ug/m3	2.0		100	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	141-78-6	Ethyl acetate	< 1.1	ug/m3	1.1	U *U*	73	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U* *U*	1.1	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U* *U*	0.13	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U *U*	730	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U *U*	210	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U* *U*	420	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U* *U*	100	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U *U*	11	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U *U*	1	DTSC HHRA Note 3
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U *U*	0.083	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U *U*	420	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U *U*	100	US EPA RSL[1]
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U *U*	1000	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U* *U*	100	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U* *U*	940	DTSC HHRA Note 3
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U *U*	0.46	DTSC HHRA Note 3
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U *U*	2000	EPA IRIS
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U* *U*	310	DTSC HHRA Note 3
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U* *U*	-------	-------
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U *U*	0.48	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U *U*	1300	DTSC HHRA Note 3
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U* *U*	210	US EPA RSL
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U *U*	0.0095	DTSC HHRA Note 3
DOE-2	DOE-2_081518_S-08152018	N	8/15/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U* *U*	100	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U *U*	1000	DTSC HHRA Note 3
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U *U*	0.048	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U *U*	5200	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U* *U*	0.18	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U *U*	1.8	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U *U*	73	DTSC HHRA Note 3
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U *U*	0.39	DTSC HHRA Note 3
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U* *U*	63	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U* *U*	0.0047	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U* *U*	210	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U *U*	0.11	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U* *U*	0.28	DTSC HHRA Note 3
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U *U*	83000	US EPA RSL[1]
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U *U*	63	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U *U*	0.017	DTSC HHRA Note 3
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U* *U*	210	US EPA RSL[1]
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U* *U*	0.26	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U *U*	0.36	DTSC HHRA Note 3
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U *U*	5200	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U *U*	31	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U *U*	3.1	US EPA RSL[1]
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U *U*	-------	-------
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U *U*	3100	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U* *U*	0.021	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U* *U*	0.0097	DTSC HHRA Note 3
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U *U*	0.097	DTSC HHRA Note 3
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U *U*	0.057	DTSC HHRA Note 3
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U *U*	0.076	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U *U*	2.6	US EPA RSL

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U *U*	5.2	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U *U*	210	DTSC HHRA Note 3
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U *U*	420	DTSC HHRA Note 3
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	75-15-0	Carbon disulfide	< 2.5	ug/m3	2.5	U *U*	730	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U *U*	0.067	DTSC HHRA Note 3
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U *U*	10000	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U *U*	0.12	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U *U*	94	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U *U*	8.3	DTSC HHRA Note 3
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U *U*	-------	-------
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U *U*	6300	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U *U*	0.13	DTSC HHRA Note 3
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	75-71-8	Dichlorodifluoromethane	2.1	ug/m3	2.0		100	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	141-78-6	Ethyl acetate	< 1.1	ug/m3	1.1	U *U*	73	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U* *U*	1.1	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U* *U*	0.13	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U *U*	730	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U *U*	210	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U* *U*	420	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U* *U*	100	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U *U*	11	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U *U*	1	DTSC HHRA Note 3
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U *U*	0.083	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U *U*	420	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U *U*	100	US EPA RSL[1]
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U *U*	1000	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U* *U*	100	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U* *U*	940	DTSC HHRA Note 3
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U *U*	0.46	DTSC HHRA Note 3
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U *U*	2000	EPA IRIS
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U* *U*	310	DTSC HHRA Note 3
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U* *U*	-------	-------
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U *U*	0.48	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U *U*	1300	DTSC HHRA Note 3
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U* *U*	210	US EPA RSL
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U *U*	0.0095	DTSC HHRA Note 3
DOE-2	DOE-2_081518_D-08152018	FD	8/15/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U* *U*	100	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U *U*	1000	DTSC HHRA Note 3
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U *U*	0.048	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U *U*	5200	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U* *U*	0.18	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U *U*	1.8	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U *U*	73	DTSC HHRA Note 3
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U *U*	0.39	DTSC HHRA Note 3
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U* *U*	63	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U* *U*	0.0047	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U* *U*	210	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U *U*	0.11	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U* *U*	0.28	DTSC HHRA Note 3
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U *U*	83000	US EPA RSL[1]
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U *U*	63	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U *U*	0.017	DTSC HHRA Note 3
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U* *U*	210	US EPA RSL[1]
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U* *U*	0.26	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U *U*	0.36	DTSC HHRA Note 3
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U *U*	5200	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U *U*	31	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U *U*	3.1	US EPA RSL[1]
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U *U*	-------	-------

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U *U*	3100	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U* *U*	0.021	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U* *U*	0.0097	DTSC HHRA Note 3
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U *U*	0.097	DTSC HHRA Note 3
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U *U*	0.057	DTSC HHRA Note 3
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U *U*	0.076	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U *U*	2.6	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U *U*	5.2	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U *U*	210	DTSC HHRA Note 3
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U *U*	420	DTSC HHRA Note 3
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	75-15-0	Carbon disulfide	< 2.5	ug/m3	2.5	U *U*	730	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U *U*	0.067	DTSC HHRA Note 3
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U *U*	10000	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U *U*	0.12	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U *U*	94	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U *U*	8.3	DTSC HHRA Note 3
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U *U*	-------	-------
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U *U*	6300	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U *U*	0.13	DTSC HHRA Note 3
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	75-71-8	Dichlorodifluoromethane	2.0	ug/m3	2.0		100	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	141-78-6	Ethyl acetate	< 1.1	ug/m3	1.1	U *U*	73	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U* *U*	1.1	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U* *U*	0.13	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U *U*	730	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U *U*	210	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U* *U*	420	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U* *U*	100	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U *U*	11	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U *U*	1	DTSC HHRA Note 3
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U *U*	0.083	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U *U*	420	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U *U*	100	US EPA RSL[1]
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U *U*	1000	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U* *U*	100	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U* *U*	940	DTSC HHRA Note 3
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U *U*	0.46	DTSC HHRA Note 3
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U *U*	2000	EPA IRIS
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U* *U*	310	DTSC HHRA Note 3
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U* *U*	-------	-------
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U *U*	0.48	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U *U*	1300	DTSC HHRA Note 3
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U* *U*	210	US EPA RSL
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U *U*	0.0095	DTSC HHRA Note 3
DOE-3	DOE-3_081518_S-08152018	N	8/15/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U* *U*	100	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U *U*	1000	DTSC HHRA Note 3
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U *U*	0.048	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U *U*	5200	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U* *U*	0.18	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U *U*	1.8	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U *U*	73	DTSC HHRA Note 3
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U *U*	0.39	DTSC HHRA Note 3
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U* *U*	63	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U* *U*	0.0047	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U* *U*	210	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U *U*	0.11	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U* *U*	0.28	DTSC HHRA Note 3
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U *U*	83000	US EPA RSL[1]
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U *U*	63	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U *U*	0.017	DTSC HHRA Note 3

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U* *U*	210	US EPA RSL[1]
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U* *U*	0.26	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U *U*	0.36	DTSC HHRA Note 3
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U *U*	5200	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U *U*	31	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U *U*	3.1	US EPA RSL[1]
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U *U*	-------	-------
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U *U*	3100	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U* *U*	0.021	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U* *U*	0.0097	DTSC HHRA Note 3
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U *U*	0.097	DTSC HHRA Note 3
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U *U*	0.057	DTSC HHRA Note 3
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U *U*	0.076	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U *U*	2.6	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U *U*	5.2	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U *U*	210	DTSC HHRA Note 3
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U *U*	420	DTSC HHRA Note 3
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	75-15-0	Carbon disulfide	2.9	ug/m3	2.5		730	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U *U*	0.067	DTSC HHRA Note 3
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U *U*	10000	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U *U*	0.12	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U *U*	94	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U *U*	8.3	DTSC HHRA Note 3
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U *U*	-------	-------
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U *U*	6300	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U *U*	0.13	DTSC HHRA Note 3
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	75-71-8	Dichlorodifluoromethane	2.1	ug/m3	2.0		100	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	141-78-6	Ethyl acetate	< 1.1	ug/m3	1.1	U *U*	73	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U* *U*	1.1	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U* *U*	0.13	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U *U*	730	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U *U*	210	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U* *U*	420	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U* *U*	100	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U *U*	11	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U *U*	1	DTSC HHRA Note 3
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U *U*	0.083	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U *U*	420	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U *U*	100	US EPA RSL[1]
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U *U*	1000	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U* *U*	100	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U* *U*	940	DTSC HHRA Note 3
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U *U*	0.46	DTSC HHRA Note 3
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U *U*	2000	EPA IRIS
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U* *U*	310	DTSC HHRA Note 3
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U* *U*	-------	-------
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U *U*	0.48	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U *U*	1300	DTSC HHRA Note 3
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U* *U*	210	US EPA RSL
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U *U*	0.0095	DTSC HHRA Note 3
DOE-4	DOE-4_081518_S-08152018	N	8/15/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U* *U*	100	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U	5200	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U	-------	-------
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	75-15-0	Carbon disulfide	< 2.5	ug/m3	2.5	U	730	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U	0.067	DTSC HHRA Note 3
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	75-71-8	Dichlorodifluoromethane	2.6	ug/m3	2.0		100	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	141-78-6	Ethyl acetate	1.3	ug/m3	1.1		73	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U	310	DTSC HHRA Note 3
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	156-60-5	trans-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	83	DTSC HHRA Note 3
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-1	DOE-1_083118_S-08312018	N	8/31/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U	5200	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U	-------	-------
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	75-15-0	Carbon disulfide	< 2.5	ug/m3	2.5	U	730	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U	0.067	DTSC HHRA Note 3
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	75-71-8	Dichlorodifluoromethane	2.9	ug/m3	2.0		100	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	141-78-6	Ethyl acetate	1.2	ug/m3	1.1		73	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U	310	DTSC HHRA Note 3
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	156-60-5	trans-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	83	DTSC HHRA Note 3
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-2	DOE-2_083118_S-08312018	N	8/31/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U	5200	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U	-------	-------
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	75-15-0	Carbon disulfide	< 2.5	ug/m3	2.5	U	730	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U	0.067	DTSC HHRA Note 3
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	75-71-8	Dichlorodifluoromethane	2.8	ug/m3	2.0		100	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	141-78-6	Ethyl acetate	< 1.1	ug/m3	1.1	U	73	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U	310	DTSC HHRA Note 3
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	156-60-5	trans-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	83	DTSC HHRA Note 3
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-3	DOE-3_083118_S-08312018	N	8/31/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	78-93-3	2-Butanone	2.9	ug/m3	2.4		5200	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U	-------	-------
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	75-15-0	Carbon disulfide	6.4	ug/m3	2.5		730	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U	0.067	DTSC HHRA Note 3
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	75-71-8	Dichlorodifluoromethane	2.8	ug/m3	2.0		100	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	141-78-6	Ethyl acetate	< 1.1	ug/m3	1.1	U	73	US EPA RSL

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U	310	DTSC HHRA Note 3
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	156-60-5	trans-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	83	DTSC HHRA Note 3
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-4	DOE-4_083118_S-08312018	N	8/31/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U	5200	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U	-------	-------
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	75-15-0	Carbon disulfide	< 2.5	ug/m3	2.5	U	730	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U	0.067	DTSC HHRA Note 3
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	75-71-8	Dichlorodifluoromethane	2.7	ug/m3	2.0		100	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	141-78-6	Ethyl acetate	< 1.1	ug/m3	1.1	U	73	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	108-88-3	Toluene	3.6	ug/m3	1.5		310	DTSC HHRA Note 3
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	156-60-5	trans-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	83	DTSC HHRA Note 3
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-1	DOE-1_091318_S-09132018	N	9/13/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U	5200	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U	-------	-------
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	75-15-0	Carbon disulfide	< 2.5	ug/m3	2.5	U	730	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U	0.067	DTSC HHRA Note 3
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	75-71-8	Dichlorodifluoromethane	2.7	ug/m3	2.0		100	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	141-78-6	Ethyl acetate	< 1.1	ug/m3	1.1	U	73	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U	310	DTSC HHRA Note 3
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	156-60-5	trans-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	83	DTSC HHRA Note 3
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-2	DOE-2_091318_S-09132018	N	9/13/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U	5200	US EPA RSL

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U	-------	-------
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	75-15-0	Carbon disulfide	< 2.5	ug/m3	2.5	U	730	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U	0.067	DTSC HHRA Note 3
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	75-71-8	Dichlorodifluoromethane	2.6	ug/m3	2.0		100	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	141-78-6	Ethyl acetate	< 1.1	ug/m3	1.1	U	73	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U	310	DTSC HHRA Note 3
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	156-60-5	trans-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	83	DTSC HHRA Note 3
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-3	DOE-3_091318_S-09132018	N	9/13/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U	5200	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U	-------	-------
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	75-15-0	Carbon disulfide	7.1	ug/m3	2.5		730	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U	0.067	DTSC HHRA Note 3
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	74-87-3	Chloromethane	1.7	ug/m3	1.7		94	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	75-71-8	Dichlorodifluoromethane	2.8	ug/m3	2.0		100	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	141-78-6	Ethyl acetate	< 1.1	ug/m3	1.1	U	73	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U	310	DTSC HHRA Note 3
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-4	DOE-4_091318_S-09132018	N	9/13/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U	5200	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U	-------	-------
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	75-15-0	Carbon disulfide	13	ug/m3	2.5		730	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U	0.067	DTSC HHRA Note 3
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	75-71-8	Dichlorodifluoromethane	3.0	ug/m3	2.0		100	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	141-78-6	Ethyl acetate	< 1.1	ug/m3	1.1	U	73	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U	310	DTSC HHRA Note 3
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-4	DOE-4_091318_D-09132018	FD	9/13/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U	5200	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U	-------	-------
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	75-15-0	Carbon disulfide	< 2.5	ug/m3	2.5	U	730	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U	0.067	DTSC HHRA Note 3
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	75-71-8	Dichlorodifluoromethane	< 2.0	ug/m3	2.0	U	100	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	141-78-6	Ethyl acetate	2.2	ug/m3	1.1		73	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	100-41-4	Ethylbenzene	**5.9**	ug/m3	1.7		1.1	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	179601-23-1	m,p-Xylene	17	ug/m3	3.5		100	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	111-65-9	n-Octane	7.2	ug/m3	1.9		100	US EPA RSL[1]
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	95-47-6	o-Xylene	3.1	ug/m3	1.7		100	US EPA RSL

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	108-88-3	Toluene	3.4	ug/m3	1.5		310	DTSC HHRA Note 3
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	156-60-5	trans-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	83	DTSC HHRA Note 3
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-1	DOE-1_092818_S-09282018	N	9/28/2018	TO15	1330-20-7	Xylenes (Total)	20	ug/m3	5.2		100	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U	5200	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U	-------	-------
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	75-15-0	Carbon disulfide	< 2.5	ug/m3	2.5	U	730	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U	0.067	DTSC HHRA Note 3
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	75-71-8	Dichlorodifluoromethane	< 2.0	ug/m3	2.0	U	100	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	141-78-6	Ethyl acetate	5.2	ug/m3	1.1		73	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U	310	DTSC HHRA Note 3
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	156-60-5	trans-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	83	DTSC HHRA Note 3
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-1	DOE-1_092818_D-09282018	FD	9/28/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U	5200	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U	-------	-------
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	75-15-0	Carbon disulfide	< 2.5	ug/m3	2.5	U	730	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U	0.067	DTSC HHRA Note 3
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	75-71-8	Dichlorodifluoromethane	< 2.0	ug/m3	2.0	U	100	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	141-78-6	Ethyl acetate	1.5	ug/m3	1.1		73	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U	310	DTSC HHRA Note 3
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	156-60-5	trans-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	83	DTSC HHRA Note 3
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-2	DOE-2_092818_S-09282018	N	9/28/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U	5200	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U	-------	-------
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	75-15-0	Carbon disulfide	< 2.5	ug/m3	2.5	U	730	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U	0.067	DTSC HHRA Note 3
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	75-71-8	Dichlorodifluoromethane	< 2.0	ug/m3	2.0	U	100	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	141-78-6	Ethyl acetate	1.8	ug/m3	1.1		73	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U	310	DTSC HHRA Note 3
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	156-60-5	trans-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	83	DTSC HHRA Note 3
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-3	DOE-3_092818_S-09282018	N	9/28/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U	5200	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U	-------	-------
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	75-15-0	Carbon disulfide	< 2.5	ug/m3	2.5	U	730	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U	0.067	DTSC HHRA Note 3
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	75-71-8	Dichlorodifluoromethane	< 2.0	ug/m3	2.0	U	100	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	141-78-6	Ethyl acetate	1.6	ug/m3	1.1		73	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U	310	DTSC HHRA Note 3
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	156-60-5	trans-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	83	DTSC HHRA Note 3
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-4	DOE-4_092818_S-09282018	N	9/28/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U	5200	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U	-------	-------
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	75-15-0	Carbon disulfide	< 2.5	ug/m3	2.5	U	730	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U	0.067	DTSC HHRA Note 3
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	75-71-8	Dichlorodifluoromethane	2.6	ug/m3	2.0		100	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	141-78-6	Ethyl acetate	2.1	ug/m3	1.1		73	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U	310	DTSC HHRA Note 3
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	156-60-5	trans-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	83	DTSC HHRA Note 3
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-1	DOE-1_101118_S-10112018	N	10/11/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U	5200	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U	-------	-------
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	75-15-0	Carbon disulfide	< 2.5	ug/m3	2.5	U	730	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U	0.067	DTSC HHRA Note 3
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	75-71-8	Dichlorodifluoromethane	2.5	ug/m3	2.0		100	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	141-78-6	Ethyl acetate	1.7	ug/m3	1.1		73	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U	310	DTSC HHRA Note 3
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	156-60-5	trans-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	83	DTSC HHRA Note 3
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-2	DOE-2_101118_S-10112018	N	10/11/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U	5200	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U	-------	-------
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	75-15-0	Carbon disulfide	< 2.5	ug/m3	2.5	U	730	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U	0.067	DTSC HHRA Note 3
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	75-71-8	Dichlorodifluoromethane	2.6	ug/m3	2.0		100	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	141-78-6	Ethyl acetate	5.6	ug/m3	1.1		73	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U	310	DTSC HHRA Note 3
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	156-60-5	trans-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	83	DTSC HHRA Note 3
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-2	DOE-2_101118_D-10112018	FD	10/11/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	78-93-3	2-Butanone	< 2.4	ug/m3	2.4	U	5200	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	99-87-6	4-Isopropyltoluene	< 4.4	ug/m3	4.4	U	-------	-------
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	75-15-0	Carbon disulfide	< 2.5	ug/m3	2.5	U	730	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U	0.067	DTSC HHRA Note 3
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	75-71-8	Dichlorodifluoromethane	2.5	ug/m3	2.0		100	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	141-78-6	Ethyl acetate	1.4	ug/m3	1.1		73	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U	310	DTSC HHRA Note 3
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	156-60-5	trans-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	83	DTSC HHRA Note 3
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-3	DOE-3_101118_S-10112018	N	10/11/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	71-55-6	1,1,1-Trichloroethane	< 1.6	ug/m3	1.6	U	1000	DTSC HHRA Note 3
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	79-34-5	1,1,2,2-Tetrachloroethane	< 2.7	ug/m3	2.7	U	0.048	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.1	ug/m3	3.1	U	5200	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	79-00-5	1,1,2-Trichloroethane	< 2.2	ug/m3	2.2	U	0.18	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	75-34-3	1,1-Dichloroethane	< 1.2	ug/m3	1.2	U	1.8	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	75-35-4	1,1-Dichloroethene	< 3.2	ug/m3	3.2	U	73	DTSC HHRA Note 3
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	120-82-1	1,2,4-Trichlorobenzene	< 15	ug/m3	15	U	0.39	DTSC HHRA Note 3
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	95-63-6	1,2,4-Trimethylbenzene	< 3.9	ug/m3	3.9	U	63	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	106-93-4	1,2-Dibromoethane	< 6.1	ug/m3	6.1	U	0.0047	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	95-50-1	1,2-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	107-06-2	1,2-Dichloroethane	< 3.2	ug/m3	3.2	U	0.11	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	78-87-5	1,2-Dichloropropane	< 1.8	ug/m3	1.8	U	0.28	DTSC HHRA Note 3
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	< 2.8	ug/m3	2.8	U	83000	US EPA RSL[1]
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	108-67-8	1,3,5-Trimethylbenzene	< 2.0	ug/m3	2.0	U	63	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	106-99-0	1,3-Butadiene	< 1.8	ug/m3	1.8	U	0.017	DTSC HHRA Note 3
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	541-73-1	1,3-Dichlorobenzene	< 2.4	ug/m3	2.4	U	210	US EPA RSL[1]
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	106-46-7	1,4-Dichlorobenzene	< 2.4	ug/m3	2.4	U	0.26	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	123-91-1	1,4-Dioxane	< 2.9	ug/m3	2.9	U	0.36	DTSC HHRA Note 3
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	78-93-3	2-Butanone	18	ug/m3	2.4		5200	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	591-78-6	2-Hexanone	< 1.6	ug/m3	1.6	U	31	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	622-96-8	4-Ethyltoluene	< 2.0	ug/m3	2.0	U	3.1	US EPA RSL[1]
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	99-87-6	4-Isopropyltoluene	5.1	ug/m3	4.4		-------	-------
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	108-10-1	4-Methyl-2-pentanone	< 1.6	ug/m3	1.6	U	3100	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	107-02-8	Acrolein	< 4.6	ug/m3	4.6	U	0.021	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	107-13-1	Acrylonitrile	< 4.3	ug/m3	4.3	U	0.0097	DTSC HHRA Note 3
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	71-43-2	Benzene	< 1.3	ug/m3	1.3	U	0.097	DTSC HHRA Note 3
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	100-44-7	Benzyl chloride	< 4.1	ug/m3	4.1	U	0.057	DTSC HHRA Note 3
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	75-27-4	Bromodichloromethane	< 2.0	ug/m3	2.0	U	0.076	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	75-25-2	Bromoform	< 4.1	ug/m3	4.1	U	2.6	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	74-83-9	Bromomethane	< 3.1	ug/m3	3.1	U	5.2	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	104-51-8	Butylbenzene, n-	< 2.2	ug/m3	2.2	U	210	DTSC HHRA Note 3
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	135-98-8	Butylbenzene, sec-	< 2.2	ug/m3	2.2	U	420	DTSC HHRA Note 3
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	75-15-0	Carbon disulfide	22	ug/m3	2.5		730	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	56-23-5	Carbon tetrachloride	< 5.0	ug/m3	5.0	U	0.067	DTSC HHRA Note 3
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	75-00-3	Chloroethane	< 2.1	ug/m3	2.1	U	10000	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	67-66-3	Chloroform	< 1.5	ug/m3	1.5	U	0.12	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	74-87-3	Chloromethane	< 1.7	ug/m3	1.7	U	94	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	156-59-2	cis-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	8.3	DTSC HHRA Note 3
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	10061-01-5	cis-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	110-82-7	Cyclohexane	< 1.4	ug/m3	1.4	U	6300	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	124-48-1	Dibromochloromethane	< 3.4	ug/m3	3.4	U	0.13	DTSC HHRA Note 3
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	75-71-8	Dichlorodifluoromethane	2.3	ug/m3	2.0		100	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	141-78-6	Ethyl acetate	3.1	ug/m3	1.1		73	US EPA RSL

APPENDIX B
Analytical Results for Ambient Air VOCs

Location ID	Sample ID	Sample Type	Sample Date	Analytical Method	CAS Number	Analyte	Result	Units	Reporting Limit	Qualifier[2]	Screening Level Value	SL Source
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	100-41-4	Ethylbenzene	< 1.7	ug/m3	1.7	U	1.1	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	87-68-3	Hexachloro-1,3-butadiene	< 21	ug/m3	21	U	0.13	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	110-54-3	Hexane, n-	< 2.8	ug/m3	2.8	U	730	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	67-63-0	Isopropanol	< 4.9	ug/m3	4.9	U	210	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	98-82-8	Isopropylbenzene	< 3.9	ug/m3	3.9	U	420	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	179601-23-1	m,p-Xylene	< 3.5	ug/m3	3.5	U	100	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	1634-04-4	Methyl tert butyl ether	< 2.9	ug/m3	2.9	U	11	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	75-09-2	Methylene chloride	< 1.4	ug/m3	1.4	U	1	DTSC HHRA Note 3
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	91-20-3	Naphthalene	< 4.2	ug/m3	4.2	U	0.083	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	142-82-5	n-Heptane	< 3.3	ug/m3	3.3	U	420	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	111-65-9	n-Octane	< 1.9	ug/m3	1.9	U	100	US EPA RSL[1]
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	103-65-1	n-Propylbenzene	< 2.0	ug/m3	2.0	U	1000	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	95-47-6	o-Xylene	< 1.7	ug/m3	1.7	U	100	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	100-42-5	Styrene	< 1.7	ug/m3	1.7	U	940	DTSC HHRA Note 3
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	127-18-4	Tetrachloroethene	< 2.7	ug/m3	2.7	U	0.46	DTSC HHRA Note 3
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	109-99-9	Tetrahydrofuran	< 2.4	ug/m3	2.4	U	2000	EPA IRIS
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	108-88-3	Toluene	< 1.5	ug/m3	1.5	U	310	DTSC HHRA Note 3
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	156-60-5	trans-1,2-Dichloroethene	< 1.6	ug/m3	1.6	U	83	DTSC HHRA Note 3
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	10061-02-6	trans-1,3-Dichloropropene	< 1.8	ug/m3	1.8	U	-------	-------
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	79-01-6	Trichloroethene	< 2.1	ug/m3	2.1	U	0.48	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	75-69-4	Trichlorofluoromethane	< 2.2	ug/m3	2.2	U	1300	DTSC HHRA Note 3
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	108-05-4	Vinyl acetate	< 2.8	ug/m3	2.8	U	210	US EPA RSL
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	75-01-4	Vinyl chloride	< 1.0	ug/m3	1.0	U	0.0095	DTSC HHRA Note 3
DOE-4	DOE-4_101118_S-10112018	N	10/11/2018	TO15	1330-20-7	Xylenes (Total)	< 5.2	ug/m3	5.2	U	100	US EPA RSL

Legend

N = Normal (Parent) Sample
FD = Field Duplicate Sample
U = Non-Detect
* = LCS or LCSD is outside acceptance limits
------- = Screening Level Not Available
= Detection above the Reporting Limit, but below the EPA or DTSC Screening Level
BOLD = Detection above the Reporting Limit, and also exceeds the EPA or DTSC Screening Level

Footnotes:
1 - RSL based on surrogate 1,1,1,2-Tetrafluoroethane (1,2-Dichlorotetrafluoroethane); 1,2-Dichlorobenzene (1,3-Dichlorobenzene); TPH, aromatic medium (4-Ethyltoluene); and TPH, aliphatic medium (n-Octane)

2 - Qualifier column contains laboratory flags (normal font) and validation qualifiers (italics)

APPENDIX C

PM_{10} Monthly Audit Reports

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NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-1 Serial # X16067

Audit Date: 7/17/2018 Audited By : TS Williford

Flow Audit

Flow Audit Device Model: BGI Delta Cal DC-1A Serial No: 158047 Calibration Date: 12/19/2017

Leak Check Value: as found: 0.4 as left: 0.4

		E-BAM	Ref. Std.		E-BAM	Ref. Std.
Ambient Temperature:	as found:	25.4 °C	25.8 °C	as left:	25.4 °C	25.8 °C
Barometric Pressure:	as found:	715.3 mmHg	713.0 mmHg	as left:	715.3 mmHg	713.0 mmHg
16.7 lpm Flow Rate (Actual)	as found:	16.7 lpm	16.90 lpm	as left:	16.7 lpm	16.9 lpm

Mechanical Audits (Y = Yes N = No)

Sample nozzle clean:	as found	Y	as left	Y
Tape support vane clean:	as found	Y	as left	Y
Tape spool covers tight:	as found	Y	as left	Y
PM10 particle trap clean:	as found	Y	as left	Y
PM10 drip jar empty:	as found	Y	as left	Y
PM10 bug screen clear:	as found	Y	as left	Y

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2) :	0.906	Flow Rate 14.0 - 15.0	Vacuum Value	Quality Category Good / Marginal / Poor
Measured Span Mass (mg/cm2) :	0.891			
Difference (mg/cm2) :	0.016			
% Difference / Pass or Fail:	1.6% PASS	14.5	403.1	Good to Marginal

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	1135	1135	Analog Mode	hourly	hourly	Flow Type	actual	actual
Location	1	1	Baud Rate	9600	9600	Restart Voltage	12.5v	12.5v
Tape Advance	24hr	24hr	RH Setpoint	45%	45%	Std Cond Temp	25°C	25°C
Realtime Avg	60min	60min	Delta T Setpoint	15°C	15°C			
Machine Type	PM-10	PM-10	RH Control	ON	ON			
Analog FS	1.0	1.0	Flow Setpoint	16.7	16.7			

Last 6 Errors in E-BAM Error Log

Error	Date	Time	Error	Date	Time
1 No new Messages			4		
2			5		
3			6		

Audit Notes:

NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-2 Serial # W2 3314

Audit Date: 7/20/2018 Audited By : TSW

Flow Audit								
Flow Audit Device Model:	BGI Delta Cal DC-1A	Serial No:	158047	Calibration Date:	12/19/2017			
Leak Check Value:	as found:	0.4		as left:	0.4			
		E-BAM	Ref. Std.			E-BAM	Ref. Std.	
Ambient Temperature:	as found:	22.3 °C	22.7 °C	as left:		22.3 °C	22.7 °C	
Barometric Pressure:	as found:	710 mmHg	709 mmHg	as left:		710 mmHg	709 mmHg	
16.7 lpm Flow Rate (Actual)	as found:	16.7 lpm	16.8 lpm	as left:		16.7 lpm	16.81 lpm	

Mechanical Audits (Y = Yes N = No)				
Sample nozzle clean:	as found	Y	as left	Y
Tape support vane clean:	as found	Y	as left	Y
Tape spool covers tight:	as found	Y	as left	Y
PM10 particle trap clean:	as found	Y	as left	Y
PM10 drip jar empty:	as found	Y	as left	Y
PM10 bug screen clear:	as found	Y	as left	Y

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2) :	0.914	Flow Rate 14.0 - 15.0	Vacuum Value	Quality Category Good / Marginal / Poor
Measured Span Mass (mg/cm2) :	0.927			
Difference (mg/cm2) :	0.014	15.0	405.3	Good
% Difference / Pass or Fail:	1.4% PASS			

Setup and Calibration Values								
Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	0732	0732	Analog Mode	hourly	hourly	Flow Type	actual	actual
Location	2	2	Baud Rate	9600	9600	Restart Voltage	12.5V	12.5V
Tape Advance	24hr	24hr	RH Setpoint	45%	45%	Std Cond Temp	25°C	25°C
Realtime Avg	60min	60min	Delta T Setpoint	15°C	15°C			
Machine Type	PM10	PM10	RH Control	ON	ON			
Analog FS	1.0V	1.0V	Flow Setpoint	16.7	16.7			

Last 6 Errors in E-BAM Error Log					
Error	Date	Time	Error	Date	Time
1 None			4		
2			5		
3			6		

Audit Notes: ~~None~~ TSW

This is the initial audit on this unit after I got it back from the vendor Met One.

NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-3 Serial # W23313

Audit Date: 7/17/2018 Audited By : TBWilliford

Flow Audit

Flow Audit Device Model: BGI Delta Cal DC-1A Serial No: 158047 Calibration Date: 12/19/2017

Leak Check Value: as found: 0.4 LPM as left: 0.4 LPM

		E-BAM	Ref. Std.		E-BAM	Ref. Std.
Ambient Temperature:	as found:	26.2 °C	25.4 °C	as left:	26.3 °C	25.7 °C
Barometric Pressure:	as found:	713.4 mmHg	712.6 mmHg	as left:	713.4 mmHg	712.8 mmHg
16.7 lpm Flow Rate (Actual)	as found:	16.7 lpm	17.0 lpm	as left:	16.7 lpm	17.0 lpm

Mechanical Audits (Y = Yes N = No)

Sample nozzle clean:	as found	Y	as left	Y
Tape support vane clean:	as found	Y	as left	Y
Tape spool covers tight:	as found	Y	as left	Y
PM10 particle trap clean:	as found	Y	as left	Y
PM10 drip jar empty:	as found	Y	as left	Y
PM10 bug screen clear:	as found	Y	as left	Y

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2) :	0.896	Flow Rate 14.0 - 15.0	Vacuum Value	Quality Category Good / Marginal / Poor
Measured Span Mass (mg/cm2) :	0.892			
Difference (mg/cm2) :	~~0.45%~~ 0.004	14.9	406.2	Good
% Difference / Pass or Fail:	0.45% Pass			

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	1015	1015	Analog Mode	hrly	hrly	Flow Type	actual	actual
Location	3	3	Baud Rate	9600	9600	Restart Voltage	12.5 v	12.5v
Tape Advance	24hr	24hr	RH Setpoint	45%	45%	Std Cond Temp	25°C	25°C
Realtime Avg	60 min	60min	Delta T Setpoint	15°C	15°C			
Machine Type	PM10	PM10	RH Control	ON	ON			
Analog FS	1.0 V	1.0 V	Flow Setpoint	16.7	16.7			

Last 6 Errors in E-BAM Error Log

	Error	Date	Time		Error	Date	Time
1	No new Messages	7/17/18	1030	4			
2				5			
3				6			

Audit Notes:

NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-4 Serial # W23316

Audit Date: 7/17/2018 Audited By : TS. Williford

Flow Audit

Flow Audit Device Model: BGI Delta Cal DC-1A Serial No: 158047 Calibration Date: 12/19/2017

Leak Check Value: as found: 0.4 LPM as left: 0.4 LPM

		E-BAM	Ref. Std.		E-BAM	Ref. Std.
Ambient Temperature:	as found:	23.9 °C	23.1 °C	as left:	23.8 °C	23.2 °C
Barometric Pressure:	as found:	705.8 mmHg	704.0 mmHg	as left:	705.8 mmHg	704.0 mmHg
16.7 lpm Flow Rate (Actual)	as found:	16.7 lpm	16.70 lpm	as left:	16.7 lpm	16.76 lpm

Mechanical Audits (Y = Yes N = No)

Sample nozzle clean:	as found	Y	as left	Y
Tape support vane clean:	as found	Y	as left	Y
Tape spool covers tight:	as found	Y	as left	Y
PM10 particle trap clean:	as found	Y	as left	Y
PM10 drip jar empty:	as found	Y	as left	Y
PM10 bug screen clear:	as found	Y	as left	Y

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2) :	0.884	Flow Rate 14.0 - 15.0	Vacuum Value	Quality Category Good / Marginal / Poor
Measured Span Mass (mg/cm2) :	0.880			
Difference (mg/cm2) :	0.004			
% Difference / Pass or Fail:	0.45% Pass	14.7	415.1	Good to Marginal

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	0847	0847	Analog Mode	hrly	hrly	Flow Type	Actual	Actual
Location	4	4	Baud Rate	9600	9600	Restart Voltage	12.5v	12.5v
Tape Advance	24hr	24hr	RH Setpoint	45%	45%	Std Cond Temp	25C	25C
Realtime Avg	60 min	60min	Delta T Setpoint	15C	15C			
Machine Type	PM-10	PM-10	RH Control	ON	ON			
Analog FS	1.0v	1.0v	Flow Setpoint	16.7LPM	16.7LPM			

Last 6 Errors in E-BAM Error Log

	Error	Date	Time		Error	Date	Time
1	No new Messages	7/11/18	0910	4			
2				5			
3				6			

Audit Notes:

NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-1 Serial # X16067

Audit Date: 8/17/2018 Audited By : T.S.Williford

Flow Audit

Flow Audit Device Model: BGI Delta Cal DC-1A Serial No: 158047 Calibration Date: 12/19/2017

Leak Check Value: as found: 0.4 as left: 0.4

		E-BAM	Ref. Std.		E-BAM	Ref. Std.
Ambient Temperature:	as found:	21.9 °C	21.2 °C	as left:	21.9 °C	21.2 °C
Barometric Pressure:	as found:	716.5 mmHg	714.5 mmHg	as left:	716.5 mmHg	714.5 mmHg
16.7 lpm Flow Rate	as found:	16.7 lpm	16.9 lpm	as left:	16.7 lpm	16.9 lpm
14.0 lpm Flow Rate	as found:	14.0 lpm	14.13 lpm	as left:	14.0 lpm	14.13 lpm
17.5 lpm Flow Rate	as found:	17.5 lpm	17.69 lpm	as left:	17.5 lpm	17.69 lpm

Mechanical Audits (Y = Yes N = No)

Sample nozzle clean:	as found	Y	as left	Y
Tape support vane clean:	as found	Y	as left	Y
Tape spool covers tight:	as found	Y	as left	Y
PM10 particle trap clean:	as found	Y	as left	Y
PM10 drip jar empty:	as found	Y	as left	Y
PM10 bug screen clear:	as found	Y	as left	Y

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2) :	0.906	Flow Rate 14.0 - 15.0 (lpm)	Vacuum Value (Hg)	Quality Category Good / Marginal / Poor
Measured Span Mass (mg/cm2) :	0.912			
Difference (mg/cm2) :	0.006			
% Difference / Pass or Fail:	0.6% PASS	14.9	413.7	Good/marginal

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	0716	0716	Analog Mode	Hourly	hourly	Flow Type	Actual	Act
Location	01	01	Baud Rate	9600	9600	Restart Voltage	12.5 v	12.5V
Tape Advance	24 hrs	24hrs	RH Setpoint	45%	45%	Std Cond Temp	25 C	25C
Realtime Avg	60 mins	60min	Delta T Setpoint	15 C	15°C	DAC	8.0 v	8.0V
Machine Type	PM-10	PM-10	RH Control	On	On	RH Connect	No	NO
Analog FS	1.0 v	1.0V	Flow Setpoint	16.7	16.7	Pump Protect	Off	off

Last 6 Errors in E-BAM Error Log

Error	Date	Time	Error	Date	Time
1 No new messages			4		
2			5		
3			6		

Audit Notes: Changed Clock to Standard Time

NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-2 Serial # W23314

Audit Date: 8/17/2018 Audited By : T.S.W.Ilford

Flow Audit

Flow Audit Device Model: BGI Delta Cal DC-1A Serial No: 158047 Calibration Date: 12/19/2017

Leak Check Value: as found: 0.3 as left: 0.3

		E-BAM	Ref. Std.		E-BAM	Ref. Std.
Ambient Temperature:	as found:	26.6 °C	25.7 °C	as left:	26.6 °C	25.7 °C
Barometric Pressure:	as found:	713.1 mmHg	712.5 mmHg	as left:	713.1 mmHg	712.5 mmHg
16.7 lpm Flow Rate	as found:	16.7 lpm	16.82 lpm	as left:	16.7 lpm	16.82 lpm
14.0 lpm Flow Rate	as found:	14.0 lpm	14.15 lpm	as left:	14.0 lpm	14.15 lpm
17.5 lpm Flow Rate	as found:	17.5 lpm	17.70 lpm	as left:	17.5 lpm	17.70 lpm

Mechanical Audits (Y = Yes N = No)

Sample nozzle clean:	as found	N	as left	Y
Tape support vane clean:	as found	N	as left	Y
Tape spool covers tight:	as found	Y	as left	Y
PM10 particle trap clean:	as found	Y	as left	Y
PM10 drip jar empty:	as found	Y	as left	Y
PM10 bug screen clear:	as found	N	as left	Y

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2) :	0.914	Flow Rate 14.0 - 15.0 (lpm)	Vacuum Value (Hg)	Quality Category Good / Marginal / Poor
Measured Span Mass (mg/cm2) :	0.919			
Difference (mg/cm2) :	0.005			
% Difference / Pass or Fail:	0.5% PASS	14.1	389.5	Good

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	0910	0910	Analog Mode	Hourly	Hourly	Flow Type	Actual	Act
Location	02	02	Baud Rate	9600	9600	Restart Voltage	12.5 v	12.5V
Tape Advance	24 hrs	24hr	RH Setpoint	45%	45%	Std Cond Temp	25 C	25°C
Realtime Avg	60 mins	60 min	Delta T Setpoint	15 C	15°C	DAC	8.0 v	8.0V
Machine Type	PM-10	PM-10	RH Control	On	ON	RH Connect	No	No
Analog FS	1.0 v	1.0 V	Flow Setpoint	16.7	16.7 lpm	Pump Protect	Off	off

Last 6 Errors in E-BAM Error Log

Error	Date	Time	Error	Date	Time
1 No new messages			4		
2			5		
3			6		

Audit Notes:

Set clock to Standard time

NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-3 Serial # W23313

Audit Date: 8/17/2018 Audited By : TS Williford

Flow Audit

Flow Audit Device Model: BGI Delta Cal DC-1A Serial No: 158047 Calibration Date: 12/19/2017

Leak Check Value: as found: 0.5 as left: 0.5

		E-BAM	Ref. Std.		E-BAM	Ref. Std.
Ambient Temperature:	as found:	28.8 °C	28.2 °C	as left:	28.8 °C	28.2 °C
Barometric Pressure:	as found:	715.4 mmHg	714.0 mmHg	as left:	715.4 mmHg	714.0 mmHg
16.7 lpm Flow Rate	as found:	16.7 lpm	17.05 lpm	as left:	16.7 lpm	17.05 lpm
14.0 lpm Flow Rate	as found:	14.0 lpm	14.10 lpm	as left:	14.0 lpm	14.10 lpm
17.5 lpm Flow Rate	as found:	17.5 lpm	17.65 lpm	as left:	17.5 lpm	17.65 lpm

Mechanical Audits (Y = Yes N = No)

Sample nozzle clean:	as found	Y	as left	Y
Tape support vane clean:	as found	Y	as left	Y
Tape spool covers tight:	as found	Y	as left	Y
PM10 particle trap clean:	as found	Y	as left	Y
PM10 drip jar empty:	as found	Y	as left	Y
PM10 bug screen clear:	as found	Y	as left	Y

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2) :	0.896	Flow Rate 14.0 - 15.0 (lpm)	Vacuum Value (Hg)	Quality Category Good / Marginal / Poor
Measured Span Mass (mg/cm2) :	0.899			
Difference (mg/cm2) :	0.003			
% Difference / Pass or Fail:	0.3% PASS	14.0	386.2	Good

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	1017	1017	Analog Mode	Hourly	Hourly	Flow Type	Actual	Act
Location	~~TSP 10170~~ 03	03	Baud Rate	9600	9600	Restart Voltage	12.5 v	12.5v
Tape Advance	24 hrs	24 hrs	RH Setpoint	45%	45%	Std Cond Temp	25 C	25°C
Realtime Avg	60 mins	60min	Delta T Setpoint	15 C	15°C	DAC	8.0 v	8.0V
Machine Type	PM-10	PM-10	RH Control	On	ON	RH Connect	No	NO
Analog FS	1.0 v	1.0V	Flow Setpoint	16.7	16.7	Pump Protect	Off	OFF

Last 6 Errors in E-BAM Error Log

	Error	Date	Time		Error	Date	Time
1	No new Messages			4			
2				5			
3				6			

Audit Notes:

Set clock to Standard time

NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-4 Serial # W22316

Audit Date: 8/17/2018 Audited By : T.S. Williford

Flow Audit

Flow Audit Device Model: BGI Delta Cal DC-1A Serial No: 158047 Calibration Date: 12/19/2017

Leak Check Value: as found: 0.4 as left: 0.4

		E-BAM	Ref. Std.		E-BAM	Ref. Std.
Ambient Temperature:	as found:	29.7 °C	30.0 °C	as left:	29.7 °C	30.0 °C
Barometric Pressure:	as found:	708.0 mmHg	706.0 mmHg	as left:	708.0 mmHg	706.0 mmHg
16.7 lpm Flow Rate	as found:	16.7 lpm	16.88 lpm	as left:	16.7 lpm	16.88 lpm
14.0 lpm Flow Rate	as found:	14.0 lpm	14.13 lpm	as left:	14.0 lpm	14.13 lpm
17.5 lpm Flow Rate	as found:	17.5 lpm	17.59 lpm	as left:	17.5 lpm	17.59 lpm

Mechanical Audits (Y = Yes N = No)

Sample nozzle clean:	as found	Y	as left	Y
Tape support vane clean:	as found	Y	as left	Y
Tape spool covers tight:	as found	Y	as left	Y
PM10 particle trap clean:	as found	Y	as left	Y
PM10 drip jar empty:	as found	Y	as left	Y
PM10 bug screen clear:	as found	Y	as left	Y

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2) :	0.884	Flow Rate 14.0 - 15.0 (lpm)	Vacuum Value (Hg)	Quality Category Good / Marginal / Poor
Measured Span Mass (mg/cm2) :	0.893			
Difference (mg/cm2) :	0.009			
% Difference / Pass or Fail:	0.9% PASS	15.0	420.1	Good/Marginal

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	1153	1153	Analog Mode	Hourly	Hourly	Flow Type	Actual	Act
Location	04	04	Baud Rate	9600	9600	Restart Voltage	12.5 v	12.5v
Tape Advance	24 hrs	24hr	RH Setpoint	45%	45%	Std Cond Temp	25 C	25°C
Realtime Avg	60 mins	60 min	Delta T Setpoint	15 C	15°C	DAC	8.0 v	8.0V
Machine Type	PM-10	PM-10	RH Control	On	ON	RH Connect	No	NO
Analog FS	1.0 v	1.0V	Flow Setpoint	16.7	16.7	Pump Protect	Off	Off

Last 6 Errors in E-BAM Error Log

Error	Date	Time	Error	Date	Time
1 No new messages			4		
2			5		
3			6		

Audit Notes:

Set clock to Standard time

NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-1 Serial # X16067

Audit Date: 9/18/2018 Audited By: T.S. Williford

Flow Audit

Flow Audit Device Model: BGI Delta Cal DC-1A Serial No: 158047 Calibration Date: 12/19/2017

Leak Check Value: as found: 0.5 lpm as left: 0.5 lpm

		E-BAM		Ref. Std.			E-BAM		Ref. Std.	
Ambient Temperature:	as found:	24.5	°C	23.1	°C	as left:	24.5	°C	23.1	°C
Barometric Pressure:	as found:	712.8	mmHg	711.5	mmHg	as left:	712.8	mmHg	711.5	mmHg
16.7 lpm Flow Rate	as found:	16.7	lpm	17.0	lpm	as left:	16.7	lpm	17.0	lpm
14.0 lpm Flow Rate	as found:	14.0	lpm	14.26	lpm	as left:	14.0	lpm	14.26	lpm
17.5 lpm Flow Rate	as found:	17.5	lpm	17.81	lpm	as left:	17.5	lpm	17.81	lpm

Mechanical Audits (Y = Yes N = No)

Sample nozzle clean:	as found	Y	as left	Y
Tape support vane clean:	as found	Y	as left	Y
Tape spool covers tight:	as found	Y	as left	Y
PM10 particle trap clean:	as found	Y	as left	Y
PM10 drip jar empty:	as found	Y	as left	Y
PM10 bug screen clear:	as found	Y	as left	Y

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2) :	0.906	Flow Rate 14.0 - 15.0 (lpm)	Vacuum Value (Hg)	Quality Category Good / Marginal / Poor
Measured Span Mass (mg/cm2) :	0.902			
Difference (mg/cm2) :	0.004			
% Difference / Pass or Fail:	0.44% PASS	14.1	390	Good

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	0850	0850	Analog Mode	Hourly	Hourly	Flow Type	Actual	Actual
Location	01	01	Baud Rate	9600	9600	Restart Voltage	12.5v	12.5v
Tape Advance	24hr	24hr	RH Setpoint	45%	45%	Std Cond Temp	25C	25C
Realtime Avg	60min	60min	Delta T Setpoint	15°C	15C	DAC	8.0v	8.0v
Machine Type	PM-10	PM-10	RH Control	ON	ON	RH Connect	NO	NO
Analog FS	1.0v	1.0v	Flow Setpoint	16.7 lpm	16.7 lpm	Pump Protect	off	off

Last 6 Errors in E-BAM Error Log

Error	Date	Time	Error	Date	Time
1 No New Messages	9/18/18	0855	4		
2			5		
3			6		

Audit Notes:

NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-2 Serial # W23314

Audit Date: 9/18/2018 Audited By : T.S Williford

Flow Audit								
Flow Audit Device Model:	BGI Delta Cal DC-1A	Serial No:	158047	Calibration Date:	12/19/2017			
Leak Check Value:	as found:	0.3			as left:	0.3		
		E-BAM	Ref. Std.			E-BAM	Ref. Std.	
Ambient Temperature:	as found:	25.7 °C	25.0 °C	as left:		25.7 °C	25.0 °C	
Barometric Pressure:	as found:	708 mmHg	709 mmHg	as left:		708 mmHg	709 mmHg	
16.7 lpm Flow Rate	as found:	16.7 lpm	16.94 lpm	as left:		16.7 lpm	16.94 lpm	
14.0 lpm Flow Rate	as found:	14.0 lpm	14.12 lpm	as left:		14.0 lpm	14.12 lpm	
17.5 lpm Flow Rate	as found:	17.5 lpm	17.76 lpm	as left:		17.5 lpm	17.76 lpm	

Mechanical Audits (Y = Yes N = No)				
Sample nozzle clean:	as found	Y	as left	Y
Tape support vane clean:	as found	Y	as left	Y
Tape spool covers tight:	as found	Y	as left	Y
PM10 particle trap clean:	as found	Y	as left	Y
PM10 drip jar empty:	as found	Y	as left	Y
PM10 bug screen clear:	as found	Y	as left	Y

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2) :	0.914	Flow Rate 14.0 - 15.0	Vacuum Value	Quality Category Good / Marginal / Poor
Measured Span Mass (mg/cm2) :	0.917			
Difference (mg/cm2) :	0.003	14.9	399.9	Good
% Difference / Pass or Fail:	0.3% PASS			

Setup and Calibration Values								
Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	0917	0917	Analog Mode	hourly	hourly	Flow Type	Actual	Actual
Location	2	2	Baud Rate	9600	9600	Restart Voltage	12.5	12.5
Tape Advance	24 hr	24 hr	RH Setpoint	45%	45%	Std Cond Temp	~~8.0~~ 25°C	~~8.0~~ 25°C TSW
Realtime Avg	60 min	60 min	Delta T Setpoint	15°C	15°C	DAC	8.0 V	8.0V
Machine Type	PM-10	PM-10	RH Control	ON	ON	RH Connect	NO	NO
Analog FS	1.0 V	1.0 V	Flow Setpoint	16.7	16.7	Pump Protect	off	off

Last 6 Errors in E-BAM Error Log					
Error	Date	Time	Error	Date	Time
1 Power Outage	7/20/18	07:25:11	4		
2			5		
3			6		

Audit Notes:

Power Outage on 7/20/2018 was due to installing W23314. Once unit was installed unit was fine.

NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-3 Serial # W23313

Audit Date: 9/18/2018 Audited By: T.S. W. Hilford

Flow Audit

Flow Audit Device Model: BGI Delta Cal DC-1A Serial No: 158047 Calibration Date: 12/19/2017

Leak Check Value: as found: 0.5 lpm as left: 0.5 lpm

		E-BAM	Ref. Std.		E-BAM	Ref. Std.
Ambient Temperature:	as found:	27.3 °C	26.0 °C	as left:	27.3 °C	26.0 °C
Barometric Pressure:	as found:	710 mmHg	709.5 mmHg	as left:	710 mmHg	709.5 mmHg
16.7 lpm Flow Rate	as found:	16.7 lpm	17.03 lpm	as left:	16.7 lpm	17.03 lpm
14.0 lpm Flow Rate	as found:	14.0 lpm	14.3 lpm	as left:	14.0 lpm	14.3 lpm
17.5 lpm Flow Rate	as found:	17.5 lpm	17.85 lpm	as left:	17.5 lpm	17.85 lpm

Mechanical Audits (Y = Yes N = No)

Sample nozzle clean:	as found	Y	as left	Y
Tape support vane clean:	as found	Y	as left	Y
Tape spool covers tight:	as found	Y	as left	Y
PM10 particle trap clean:	as found	Y	as left	Y
PM10 drip jar empty:	as found	Y	as left	Y
PM10 bug screen clear:	as found	Y	as left	Y

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2) :	0.896	Flow Rate 14.0 - 15.0 (lpm)	Vacuum Value (Hg)	Quality Category Good / Marginal / Poor
Measured Span Mass (mg/cm2) :	0.901			
Difference (mg/cm2) :	0.005			
% Difference / Pass or Fail:	0.5% PASS	14.2	389.3	Good

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	1108	1108	Analog Mode	Hourly	Hourly	Flow Type	Actually	Actual
Location	03	03	Baud Rate	9600	9600	Restart Voltage	12.5V	12.5V
Tape Advance	24 hrs	24 hrs	RH Setpoint	45%	45%	Std Cond Temp	25°C	25°C
Realtime Avg	60 min	60 min	Delta T Setpoint	15C	15C	DAC	8.0V	8.0V
Machine Type	PM-10	PM-10	RH Control	On	On	RH Connect	NO	NO
Analog FS	1.0V	1.0V	Flow Setpoint	16.7	16.7	Pump Protect	off	off

Last 6 Errors in E-BAM Error Log

	Error	Date	Time		Error	Date	Time
1	No New Messages	9/8/18	1115	4			
2				5			
3				6			

Audit Notes:

NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-4 Serial # W22316

Audit Date: 9/18/2018 Audited By : T. S. Willeford

Flow Audit

Flow Audit Device Model: BGI Delta Cal DC-1A Serial No: 158047 Calibration Date: 12/19/2017

Leak Check Value: as found: 0.4 lpm as left: 0.4 lpm

		E-BAM	Ref. Std.		E-BAM	Ref. Std.
Ambient Temperature:	as found:	30.1 °C	30.3 °C	as left:	30.1 °C	30.3 °C
Barometric Pressure:	as found:	703.2 mmHg	701.5 mmHg	as left:	703.2 mmHg	701.5 mmHg
16.7 lpm Flow Rate	as found:	16.7 lpm	16.87 lpm	as left:	16.7 lpm	16.87 lpm
14.0 lpm Flow Rate	as found:	14.0 lpm	14.11 lpm	as left:	14.0 lpm	14.11 lpm
17.5 lpm Flow Rate	as found:	17.5 lpm	17.62 lpm	as left:	17.5 lpm	17.62 lpm

Mechanical Audits (Y = Yes N = No)

Sample nozzle clean:	as found	Y	as left	Y
Tape support vane clean:	as found	Y	as left	Y
Tape spool covers tight:	as found	Y	as left	Y
PM10 particle trap clean:	as found	Y	as left	Y
PM10 drip jar empty:	as found	Y	as left	Y
PM10 bug screen clear:	as found	Y	as left	Y

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2) :	0.884	Flow Rate 14.0 - 15.0	Vacuum Value	Quality Category Good / Marginal / Poor
Measured Span Mass (mg/cm2) :	0.902			
Difference (mg/cm2) :	0.018	14.5	407.1	Good
% Difference / Pass or Fail:	1.99% PASS			

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	1305	1305	Analog Mode	hourly	hourly	Flow Type	Actual	Actual
Location	4	4	Baud Rate	9600	9600	Restart Voltage	12.5	12.5
Tape Advance	24 hr	24hr	RH Setpoint	45%	45%	Std Cond Temp	25°C	25°C
Realtime Avg	60 min	60 min	Delta T Setpoint	15°C	15°C	DAC	8.0 v	8.0v
Machine Type	PM-10	PM-10	RH Control	on	on	RH Connect	NO	NO
Analog FS	1.0 v	1.0v	Flow Setpoint	16.7	16.7	Pump Protect	off	~~off~~

Last 6 Errors in E-BAM Error Log

Error	Date	Time	Error	Date	Time
1 No New Messages	9/18/18	1310	4		
2			5		
3			6		

Audit Notes:

NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-1 Serial # X16067

Audit Date: 10/12/2018 Audited By: T.S. Williford

Flow Audit								
Flow Audit Device Model:	BGI Delta Cal DC-1A	Serial No:	158047	Calibration Date:	12/19/2017			
Leak Check Value:	as found:	0.5		as left:	0.5			
		E-BAM	Ref. Std.		E-BAM	Ref. Std.		
Ambient Temperature:	as found:	15.9 °C	16.3 °C	as left:	15.9 °C	16.3 °C		
Barometric Pressure:	as found:	712 mmHg	711 mmHg	as left:	712 mmHg	711 mmHg		
16.7 lpm Flow Rate	as found:	16.7 lpm	17.10 lpm	as left:	16.7 lpm	17.10 lpm		
14.0 lpm Flow Rate	as found:	14.0 lpm	14.20 lpm	as left:	14.0 lpm	14.20 lpm		
17.5 lpm Flow Rate	as found:	17.5 lpm	17.77 lpm	as left:	17.5 lpm	17.77 lpm		

Mechanical Audits (Y = Yes N = No)				
Sample nozzle clean:	as found	Y	as left	Y
Tape support vane clean:	as found	Y	as left	Y
Tape spool covers tight:	as found	Y	as left	Y
PM10 particle trap clean:	as found	Y	as left	Y
PM10 drip jar empty:	as found	Y	as left	Y
PM10 bug screen clear:	as found	Y	as left	Y

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2):	0.906	Flow Rate 14.0 - 15.0 (lpm)	Vacuum Value (Hg)	Quality Category Good / Marginal / Poor
Measured Span Mass (mg/cm2):	0.910			
Difference (mg/cm2):	0.004 PASS			
% Difference / Pass or Fail:	0.4% PASS	14.5	397.2	Good

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	0703	0703	Analog Mode	Hourly	Hourly	Flow Type	Actual	Actual
Location	01	01	Baud Rate	9600	9600	Restart Voltage	12.5 v	12.5 v
Tape Advance	24 hrs	24hr	RH Setpoint	45%	45%	Std Cond Temp	25 C	25 C
Realtime Avg	60 mins	60 min	Delta T Setpoint	15 C	15 C	DAC	8.0 v	8.0 v
Machine Type	PM-10	PM-10	RH Control	On	ON	RH Connect	No	NO
Analog FS	1.0 v	1.0 V	Flow Setpoint	16.7	16.7	Pump Protect	Off	Off

Last 6 Errors in E-BAM Error Log

Error	Date	Time	Error	Date	Time
1 No new messages			4		
2			5		
3			6		

Audit Notes:

NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-2 Serial # W23314

Audit Date: 10/12/2018 Audited By : TS Williford

Flow Audit

Flow Audit Device Model: BGI Delta Cal DC-1A Serial No: 158047 Calibration Date: 12/19/2017

Leak Check Value: as found: 0.4 lpm as left: 0.4 lpm

		E-BAM	Ref. Std.		E-BAM	Ref. Std.
Ambient Temperature:	as found:	19.0 °C	18.6 °C	as left:	19.0 °C	18.6 °C
Barometric Pressure:	as found:	708.3 mmHg	709.6 mmHg	as left:	708.3 mmHg	709.6 mmHg
16.7 lpm Flow Rate	as found:	16.7 lpm	16.90 lpm	as left:	16.7 lpm	16.90 lpm
14.0 lpm Flow Rate	as found:	14.0 lpm	14.31 lpm	as left:	14.0 lpm	14.31 lpm
17.5 lpm Flow Rate	as found:	17.5 lpm	17.71 lpm	as left:	17.5 lpm	17.71 lpm

Mechanical Audits (Y = Yes N = No)

Sample nozzle clean:	as found	Y	as left	Y
Tape support vane clean:	as found	Y	as left	Y
Tape spool covers tight:	as found	Y	as left	Y
PM10 particle trap clean:	as found	Y	as left	Y
PM10 drip jar empty:	as found	Y	as left	Y
PM10 bug screen clear:	as found	Y	as left	Y

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2) :	0.914	Flow Rate 14.0 - 15.0 (lpm)	Vacuum Value (Hg)	Quality Category Good / Marginal / Poor
Measured Span Mass (mg/cm2) :	0.921			
Difference (mg/cm2) :	0.007			
% Difference / Pass or Fail:	0.07% PASS	14.7	399.1	Good

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	0919	0819	Analog Mode	Hourly	Hourly	Flow Type	Actual	Actual
Location	02	02	Baud Rate	9600	9600	Restart Voltage	12.5 v	12.5V
Tape Advance	24 hrs	24hr	RH Setpoint	45%	45%	Std Cond Temp	25 C	25 C
Realtime Avg	60 mins	60 min	Delta T Setpoint	15 C	15 C	DAC	8.0 v	8.0 V
Machine Type	PM-10	PM-10	RH Control	On	On	RH Connect	No	NO
Analog FS	1.0 v	1.0 V	Flow Setpoint	16.7	16.7	Pump Protect	Off	OFF

Last 6 Errors in E-BAM Error Log

Error	Date	Time	Error	Date	Time
1 No new messages			4		
2			5		
3			6		

Audit Notes:

NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-3 Serial # W23313

Audit Date: 10/12/18 Audited By : T.S. Williford

Flow Audit

Flow Audit Device Model: BGI Delta Cal DC-1A Serial No: 158047 Calibration Date: 12/19/2017

Leak Check Value: as found: 0.5 lpm as left: 0.5 lpm

		E-BAM	Ref. Std.		E-BAM	Ref. Std.
Ambient Temperature:	as found:	24.0 °C	23.2 °C	as left:	24.0 °C	23.2 °C
Barometric Pressure:	as found:	709.3 mmHg	708.6 mmHg	as left:	709.3 mmHg	708.6 mmHg
16.7 lpm Flow Rate	as found:	16.7 lpm	17.05 lpm	as left:	16.7 lpm	17.05 lpm
14.0 lpm Flow Rate	as found:	14.0 lpm	14.35 lpm	as left:	14.0 lpm	14.35 lpm
17.5 lpm Flow Rate	as found:	17.5 lpm	17.90 lpm	as left:	17.5 lpm	17.90 lpm

Mechanical Audits (Y = Yes N = No)

Sample nozzle clean:	as found	Y	as left	Y
Tape support vane clean:	as found	Y	as left	Y
Tape spool covers tight:	as found	Y	as left	Y
PM10 particle trap clean:	as found	Y	as left	Y
PM10 drip jar empty:	as found	Y	as left	Y
PM10 bug screen clear:	as found	Y	as left	Y

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2) :	0.896	Flow Rate 14.0 - 15.0 (lpm)	Vacuum Value (Hg)	Quality Category Good / Marginal / Poor
Measured Span Mass (mg/cm2) :	0.893			
Difference (mg/cm2) :				
% Difference / Pass or Fail:	Pass	14.8	402.3	Good

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	0920	0920	Analog Mode	Hourly	Hourly	Flow Type	Actual	Actual
Location	03	03	Baud Rate	9600	9600	Restart Voltage	12.5 v	12.5V
Tape Advance	24 hrs	24 hr	RH Setpoint	45%	45%	Std Cond Temp	25 C	25C
Realtime Avg	60 mins	60 min	Delta T Setpoint	15 C	15C	DAC	8.0 v	8.0V
Machine Type	PM-10	PM-10	RH Control	On	ON	RH Connect	No	NO
Analog FS	1.0 v	1.0 V	Flow Setpoint	16.7	16.7	Pump Protect	Off	Off

Last 6 Errors in E-BAM Error Log

Error	Date	Time	Error	Date	Time
1 No new messenges			4		
2			5		
3			6		

Audit Notes:

NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-4 Serial # W22316

Audit Date: 10/12/2018 Audited By : T.S. Williford

Flow Audit

Flow Audit Device Model: BGI Delta Cal DC-1A Serial No: 158047 Calibration Date: 12/19/2017

Leak Check Value: as found: 0.4 lpm as left: 0.4 lpm

		E-BAM	Ref. Std.		E-BAM	Ref. Std.
Ambient Temperature:	as found:	25.7 °C	24.9 °C	as left:	25.7 °C	24.9 °C
Barometric Pressure:	as found:	705.1 mmHg	703.6 mmHg	as left:	705.1 mmHg	703.6 mmHg
16.7 lpm Flow Rate	as found:	16.7 lpm	16.85 lpm	as left:	16.7 lpm	16.85 lpm
14.0 lpm Flow Rate	as found:	14.0 lpm	14.16 lpm	as left:	14.0 lpm	14.16 lpm
17.5 lpm Flow Rate	as found:	17.5 lpm	17.70 lpm	as left:	17.5 lpm	17.70 lpm

Mechanical Audits (Y = Yes N = No)

Sample nozzle clean:	as found	Y	as left	Y
Tape support vane clean:	as found	Y	as left	Y
Tape spool covers tight:	as found	Y	as left	Y
PM10 particle trap clean:	as found	Y	as left	Y
PM10 drip jar empty:	as found	Y	as left	Y
PM10 bug screen clear:	as found	Y	as left	Y

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2) : ~~0.848~~ 0.884		Flow Rate 14.0 - 15.0 (lpm)	Vacuum Value (Hg)	Quality Category Good / Marginal / Poor
Measured Span Mass (mg/cm2) : 0.900				
Difference (mg/cm2) : 0.016				
% Difference / Pass or Fail:	1.6% Pass	14.3	394.2	Good

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	1013	1013	Analog Mode	Hourly	Hourly	Flow Type	Actual	Actual
Location	04	04	Baud Rate	9600	9600	Restart Voltage	12.5 v	12.5 v
Tape Advance	24 hrs	24 hr	RH Setpoint	45%	45%	Std Cond Temp	25 C	25 C
Realtime Avg	60 mins	60 min	Delta T Setpoint	15 C	15 C	DAC	8.0 v	8.0 v
Machine Type	PM-10	PM-10	RH Control	On	On	RH Connect	No	NO
Analog FS	1.0 v	1.0 v	Flow Setpoint	16.7	16.7	Pump Protect	Off	OFF

Last 6 Errors in E-BAM Error Log

Error	Date	Time	Error	Date	Time
1 No new messages			4		
2			5		
3			6		

Audit Notes: