DIVISION OF
ENVIRONMENTAL QUALITY

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September 21, 2023

Philip Ofosu, Site Assessment Manager
U.S. EPA Region 6 (SEDAS)
1201 Elm Street, Suite 500
Dallas, TX 75270

Re: Site Inspection Report for Street & Performance, Inc.
1 Hot Rod Lane
Mena, Polk County, Arkansas
EPA SEMS ID: ARR000006957; AFIN: 57-00259

Dear Mr. Ofosu:

The Division of Environmental Quality Office of Land Resources (DEQ) has completed the Site Inspection (SI) Report for the Street & Performance, Inc. ("Street & Performance") site located at 1 Hot Rod Lane, Mena, Polk County, Arkansas. A copy of the SI Report is attached. The Hazard Ranking System (HRS) Quickscore package for this site is also included.

An SI was performed at the site due to its historical use as a manufacturing and plating facility for custom automotive parts and automobile engines; environmental records showing multiple instances of significant non-compliance; and potential human and environmental targets.

An HRS Quickscore was performed resulting in a site score of 6.99; therefore, DEQ has recommended no further investigation at this time.

If you have any questions or require additional information, please contact me at 501-683-0822 or by email at addie.smith@adeq.state.ar.us.

Sincerely,

ASmith

Addie Smith
Brownfield and Site Assessment Supervisor, Division of Environmental Quality

ENVIRONMENTAL QUALITY

SITE INSPECTION REPORT
FOR
STREET & PERFORMANCE, INC.
EPA SEMS ID: ARR000006957
MENA, POLK COUNTY, ARKANSAS

Philip Ofosu
EPA Site Assessment Manager

Date

Dianna Kilburn, P.G.
Assessment and Remediation Operations Manager
Office of Land Resources
Arkansas Department of Energy and Environment, Division of Environmental Quality

9/21/2023
Date

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9/21/2023
Date

TABLE OF CONTENTS

1.0 INTRODUCTION 1
1.1 Purpose of the Investigation 1
1.2 Scope of Work 1
1.3 Report Format 2
2.0 SITE CHARACTERISTICS 4
2.1 Site Location and Setting 4
2.2 Site Description 4
2.3 Site Ownership and History 5
2.3.1 Waste Characteristics and Regulatory Involvement 6
2.4 Previous Investigations 11
2.5 Summary of PA Site Concerns 12
2.6 Summary of SI Site Concerns 14
3.0 FIELD ACTIVITES 19
3.1 Sampling Activities 19
3.1.1 Sample Nomenclature 19
3.1.2 Sediment Sampling 20
3.1.3 Surface Water Sampling 20
3.1.4 Surface Soil Sampling 20
3.1.5 Subsurface Soil Sampling 20
3.1.6 Background Sampling 20
3.1.7 Field Quality Assurance and Quality Control Sampling 21
3.2 Health and Safety 21
3.2.1 Site Health and Safety 21
3.2.2 Investigation Derived Wastes Management 21
4.0 SOURCE CHARACTERIZATION 27
4.1 Designation of Background 27
4.2 Sources of CERCLA-Eligible Hazardous Substances 27
4.3 Source Sampling and Results 27
4.3.1 Previous Source Sampling and Analytical Results 28
4.3.2 SI Sample Laboratory Analyses 28
4.3.3 SI Source Sampling and Analytical Results 28
4.4 Source Characterization Conclusions 32
5.0 GROUNDWATER MIGRATION PATHWAY 35
5.1 Geology and Hydrogeology 35
5.2 Likelihood of Release 36
5.2.1 Depth to Groundwater 36
5.2.2 Depth of Contamination 36
5.2.3 Net Precipitation 36
5.2.4 Thickness of Impermeable Layers 37
5.2.5 Hydraulic Conductivity of Impermeable Layer 37
5.2.6 Analytical Results from Previous Investigations 37
5.2.7 SI Groundwater Sampling and Analytical Results 37
5.2.8 SI Subsurface Soil Sampling and Analytical Results 37
5.3 Groundwater Migration Pathway Targets 39

5.3.1 Nearest Wells 39
5.3.2 Wellhead Protection Areas 39
5.3.3 Groundwater Resources 40
5.4 Groundwater Migration Pathway Conclusions 40
6.0 SURFACE WATER MIGRATION PATHWAY 42
6.1 Hydrologic Setting 42
6.1.1 Overland Flow Segment 42
6.1.2 Probable Points of Entry 42
6.1.3 Surface Water Flow Path 42
6.2 Likelihood of Release 42
6.2.1 Distance to Surface Water 42
6.2.2 Flood Frequency 43
6.2.3 2-Year 24-Hour Rainfall 43
6.2.4 Flood Containment 43
6.2.5 Analytical Results from Previous Investigations 43
6.2.6 SI Sediment Sampling and Analytical Results 43
6.2.7 SI Surface Water Sampling and Analytical Results 47
6.3 Surface Water Migration Pathway Targets 47
6.3.1 Drinking Water Intakes 47
6.3.2 Wetlands and Other Sensitive Environments 48
6.3.3 Fisheries 48
6.3.4 Resources 48
6.4 Surface Water Migration Pathway Conclusions 48
7.0 SOIL EXPOSURE AND SUBSURFACE INTRUSION PATHWAY 53
7.1 Surficial Conditions 53
7.1.1 Soil Type 53
7.1.2 Areas of Contamination 54
7.2 Likelihood of Release 54
7.2.1 Attractiveness of the site 54
7.2.2 Site Accessibility 54
7.2.3 Soil Analytical Results from Previous Investigations 54
7.2.4 SI Surface Soil Sampling and Analytical Results 55
7.2.5 SI Subsurface Soil Sampling and Analytical Results 58
7.3 Soil Exposure and Subsurface Intrusion Pathway Targets 61
7.3.1 Resident Population 61
7.3.2 Worker Population 61
7.3.3 Nearby Population 62
7.3.4 Sensitive Environments 62
7.3.5 Resources 62
7.4 Soil Exposure and Subsurface Intrustion Pathway Conclusions 63
8.0 AIR MIGRATION PATHWAY 66
8.1 Meteorological Information 66
8.2 Likelihood of Release 66
8.2.1 Air Sampling Results from Previous Investigation 66
8.2.2 SI Air Quality Sampling and Analytical Results 66
8.3 Air Migration Pathways Targets 66

8.3.1 Population Within Four Miles 66
8.3.2 Sensitive Environments 66
8.3.3 Resources 61
8.4 Air Migration Pathway Conclusions 67
9.0 SUMMARY AND CONCLUSIONS 68
10.0 REFERENCES 71

LIST OF FIGURES

Figure 2-1 Site Location and County Map 15

Figure 2-2 1-Mile and 4-Mile Radius 16

Figure 2-3 Site Map-Aerial View 17

Figure 2-4 Areas of Concern 18

Figure 3-1 Site Characterization Sample Locations 22

Figure 3-2 Background Sample Locations 23

Figure 6-1 Surface Water Pathway 52

LIST OF TABLES

Table 3-1 Sampling Station Descriptions and Rationales 24

Table 4-1 Contaminants Detected in Background Samples and Maximum Contaminant Background Levels 34

Table 5-1 Contaminants Detected in Subsurface Soil Samples 41

Table 6-1 Contaminants Detected in Sediment Samples 50

Table 6-2 Contaminants Detected in Surface Water Samples 51

Table 7-1 Contaminants Detected in Surface Soil Samples 64

Table 7-2 Nearby Population 65

LIST OF APPENDICES

Appendix A EPA CLP Final Analytical Reports and Chain-of-Custody Forms

Appendix B EPA Region 6 Regional Screening Level Summary Table

Appendix C USGS Average Concentrations of Elements in Polk County, Arkansas

Appendix D Photographic Documentation

Appendix E EJ Screen Community Report

ACRONYMS

APC&EC	Arkansas Pollution Control and Ecology Commission
AFIN	Arkansas Facility Identification Number
ANHC	Arkansas Natural Heritage Commission
ANRC	Arkansas Natural Resource Commission
AOC	Area of Concern
ARDOT	Arkansas Department of Transportation
bgs	below ground surface
BNA	base/neutral/acid
CAO	Consent Administrative Order
CEI	Compliance Evaluation Inspection
CLP	Contract Laboratory Program
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
DEQ	Arkansas Department of Energy and Environment, Division of Environmental Quality
EPA	United States Environmental Protection Agency
HASP	Health and Safety Plan
HRS	Hazard Ranking System
IDW	investigation derived wastes
LQG	Large Quantity Generator
NAICS	North American Industry Classification System
NEPA	National Environmental Policy Act
NFRAP	No Further Remedial Action Planned
NOV	Notice of Violation
NPL	National Priorities List

ACRONYMS (cont.)

NRCS	Natural Resources Conservation Service
OSHA	Occupational Safety and Health Administration
PA	Preliminary Assessment
PCB	polychlorinated biphenyl
PDS	Permit Data System
PGSSL	Protection of Groundwater Soil Screening Level
PPE	Probable Point of Entry
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
QC	Quality Control
RCRA	Resource Conservation and Recovery Act
RSL	Regional Screening Level
SAP	Sampling and Analysis Plan
SARA	Superfund Amendments and Reauthorization Act
SEMS	Superfund Enterprise Management System
SESSI	Soil Exposure and Subsurface Intrusion
SI	Site Inspection
SQG	Small Quantity Generator
SSSR	Superfund Site Strategy Recommendation
SVOC	semi-volatile organic compound
TAL	Target Analyte List
TCL	Target Compound List
TDL	Target Distance Limit
TSDF	Treatment, Storage, and Disposal Facility

ACRONYMS (cont.)

TWP	Task Work Plan
USGS	United States Geological Survey

1.0 INTRODUCTION

This section explains the purpose of the Site Inspection (SI) conducted for the Street & Performance, Inc. ("Street & Performance") site and how the investigation findings are presented in this SI Report.

1.1 Purpose of the Investigation

Under the authority of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and the 1986 Superfund Amendments and Reauthorization Act (SARA), the Arkansas Department Energy and Environment Division of Environmental Quality Office of Land Resources (DEQ), has completed a SI for the Street & Performance site located in Mena, Polk County, Arkansas. The United States Environmental Protection Agency (EPA) tasked the DEQ to complete this SI under the CERCLA Block-Funded Core/Multi-Site Cooperative Agreement. The EPA Superfund Enterprise Management System (SEMS) identification number for Street & Performance is ARR000006957.

This document represents the final report for the SI. The purpose of this report is to provide the background information collected for the site, discuss the SI field activities, and present the analytical data obtained as part of the investigation.

The SI phase follows the initial Preliminary Assessment (PA) investigation phase in the ongoing screening process of known and potential hazardous waste sites. The general purpose of an SI is to identify immediate and potential threats that hazardous substances attributable to the site may pose to human health and the environment by documenting the existence and migration of hazardous substances related to the site and by identifying the receptors, or targets, potentially exposed to the hazardous substances. The specific purpose of this SI is to characterize potential sources of CERCLA-eligible hazardous substances at the Street & Performance site and evaluate whether a release to soil or surface water, the primary exposure pathways of concern, has occurred.

The information contained within this SI Report will be used to evaluate the site using the Hazard Ranking System (HRS) to help decide if Street & Performance is a potential candidate for inclusion on the National Priorities List (NPL). The intent of the SI is to provide the documentation necessary to rank a site on the NPL or assign a "No Further Remedial Action Planned" (NFRAP) status. DEQ may also use the information contained within this SI Report to evaluate the site for possible state-led actions under a variety of different programs intended to promote the cleanup of abandoned or inactive sites.

1.2 Scope of Work

The SI Scope of Work is centered on characterizing the site through the completion of limited site-related research, site reconnaissance, and sampling activities. As part of this SI, the following major tasks were performed:

- On-site reconnaissance was performed on May 2, 2017, August 5, 2019, and June 22, 2021 to identify potential sources of hazardous substances and to determine current site conditions, nearby land use, and potential alternative source sites.

- Information concerning the environmental setting of the site was obtained to describe the groundwater migration, surface water migration, soil exposure and subsurface intrusion (SESSI), and air migration pathways.

- Available regulatory compliance files from federal, state, and local government agencies were reviewed.

- An SI Task Work Plan (TWP), which included a Sampling and Analysis Plan (SAP), Quality Assurance Project Plan (QAPP), and site-specific Health and Safety Plan (HASP), was prepared in June 2021 to provide a detailed plan of action for subsequent SI activities.

- DEQ conducted the SI field sampling activities on July 13, 2021. Samples were collected in known or suspected source areas at the site and in the suspected pathways, SESSI and surface water migration. The samples were collected in general accordance with the SI TWP to document the presence and migration of hazardous substances attributable to the site.

- Available information from on-site observations, records reviews, interviews, and site area environmental and demographic characteristics were evaluated.

- The SI samples were submitted to the EPA Contract Laboratory Program (CLP) for analysis of Target Compound List (TCL) organics (base/neutral/acid [BNA] fractions only); Target Analyte List (TAL) metals, including mercury and cyanide; and polychlorinated biphenyls (PCBs). The resulting data were reviewed and tabulated.

- This report was prepared to present the findings of the SI.

1.3 Report Format

The SI Report is presented in a format that is intended to facilitate evaluation of the site using the HRS. The report contains the following sections:

- Section 1 – Introduction
- Section 2 – Site Characteristics
- Section 3 – Field Activities
- Section 4 – Source Characterization
- Section 5 – Groundwater Migration Pathway
- Section 6 – Surface Water Migration Pathway
- Section 7 – Soil Exposure and Subsurface Intrusion Pathway
- Section 8 – Air Migration Pathway

- Section 9 – Summary and Conclusions
- Section 10 – References

Additional information is provided in the appendices following the text of the report. The appendices are as follows:

- Appendix A – EPA CLP Final Analytical Reports and Chain-of-Custody Forms
- Appendix B – EPA Region 6 Regional Screening Level Summary Table
- Appendix C – USGS Average Concentrations of Elements in Polk County, Arkansas
- Appendix D – Photographic Documentation
- Appendix E – EJ Screen Community Report

The figures and tables referred to throughout this SI Report are provided following the text of each section.

2.0 SITE CHARACTERISTICS

DEQ collected and reviewed available background information regarding the location, description, operational history, and regulatory compliance of the Street & Performance site. The discussion in this section of the report is based on this site characterization background information. Except as otherwise referenced, the information presented in this SI was obtained from sources compiled previously by DEQ and presented in the *Preliminary Assessment for Street & Performance, Inc.* dated September 2017, (Reference [Ref.] 1) and the *Task Work Plan for Street & Performance, Inc.* dated June 2021 (Ref. 2).

2.1 Site Location and Setting

The Street & Performance site is located at 1 Hot Rod Lane, Mena, Polk County, Arkansas. According to Google Earth Pro, the approximate geographic coordinates for the center of the site are 34.564123º North latitude and 94.217089º West longitude. **Figure 2-1** provides the location of Polk County and the Street & Performance site. The Street & Performance site is located in a mixed residential and commercial area, with an open vegetated field to the north; a wooded area to the east; Prairie Creek, a residence, and an unidentified commercial facility to the south; and Highway 375 and an open vegetated field to the west.

The topography of the site is relatively flat with minor changes in elevation. The center of the site is approximately 1,025 feet above mean sea level.

Mena is located in north-central Polk County, on the western border of Arkansas. Mena has a population of 5,660 residents and 2,744 housing units within the city limits. The total land area is 6.74 square miles, with a population density estimated at 840 residents per square mile.

Figure 2-2 provides the site location and the 1-mile and 4-mile radius demarcations surrounding the Street & Performance site.

2.2 Site Description

The Street & Performance site consists mostly of concrete, gravel, vegetated areas, and some areas of exposed soil. One (1) approximately 30,000 square foot metal-sided building ("South Building") and one (1) approximately 25,000 square foot metal-sided building ("North Building"), both with concrete foundations, are located on the site. In addition, a small metal-sided shed is located on the south portion and a mobile home is located on the northwest portion of the site.

The site is not fenced, and is easily accessible to trespassers. A concrete entrance driveway is located on the west side of the site and leads to an office area on the west portion of the South Building. Concrete parking areas are located on the south and west portions and gravel parking areas are located on the east and north portions of the site. Concrete drainage runs between the South Building and North building. In addition, an

approximately 2,000 square foot concrete area formerly used for storage of 55-gallon drums is located on the east portion between these two (2) buildings. During site reconnaissance on May 2, 2017, this area had staining in the shape of rings indicative of former 55-gallon drums.

During site reconnaissance on May 2, 2017, multiple areas of disturbed soil and gravel, and debris including scrap metal, wood pallets, lumber, and tires were located throughout the site, primarily on the east portion. A burn pile was located in a vegetated area on the east portion of the site. Two (2) empty approximately 250-gallon plastic totes were located on the northeast portion of the site. The former contents of these totes are unknown. An approximately six (6) inch diameter plastic pipe extending underground is located on the northeast portion of the site. The purpose of this pipe could not be determined during the PA investigation. Multiple smaller plastic and metal pipes extend from the northeast portion of the North Building, and are presumed to be for air conditioning purposes.

Surface water runoff flows directly into Prairie Creek along the south site boundary and into unnamed drainage that runs throughout the site eventually flowing into Prairie Creek. Prairie Creek flows east along the south site boundary, eventually reaching the Ouachita River approximately 5.51 miles northeast and downstream from the Street & Performance site (**Figure 2-3 and Figure 6-1**).

2.3 Site Ownership and History

The Street & Performance site ownership history was established via a review of Polk County property records and the DEQ electronic records database ("Zylab"). The Street & Performance site is located in Section twenty (20), Township two (2) South, Range thirty (30) West. The legal description for the Street & Performance site is as follows:

> *Part of the Northeast Quarter of the Southeast Quarter of Section Twenty (20), Township Two (2) South, Range Thirty (30) West, Polk County, Arkansas, described as follows: Beginning at the Northwest corner of said NE 1/4 SE 1/4 and running thence East along the North line of said NE 1/4 SE 1/4 to where it intersects the East line of the right of way of Hwy. #375 for a point of beginning, thence farther East along said line a distance of four hundred (400) feet; thence South to the North bank of Prairie Creek; thence Westerly along the North bank of Prairie Creek to where it intersects with the East right of way of Hwy. #375; thence Northerly along the East right of way of Hwy. #375 to the point of beginning. The above described tract being two (2) acres, more or less, and subject to highway, sewer line and gas line, easements, of any. Also, subject to public utilities and roadway easements.*

According to DEQ records and Arkansas Department of Transportation (ARDOT) historical aerial photographs, the original building (South Building) was constructed by February 1987, and Street & Performance is presumed to have commenced operations on-site on February 10, 1987, when the facility became a hazardous waste operator. Due

to market changes, Street & Performance ceased all operations on-site on October 28, 2016. According to Polk County property records, the site is currently owned by Street & Performance, certified to the State of Arkansas. Plans for any future operations at the Street & Performance site could not be determined.

2.3.1 Waste Characteristics and Regulatory Involvement

This section provides available information regarding waste characteristics and regulatory involvement at the Street & Performance site. Information was obtained via DEQ file reviews, DEQ permit and inspection reports, and site reconnaissance visits.

While in operation, Street & Performance manufactured and plated custom automotive parts and automobile engines. Manufacturing processes at the site included: aluminum casting and milling, spray coating, buffing, polishing, electroplating, and thermo-coating. According to Resource Conservation and Recovery Act (RCRA) Subtitle C Site Identification Forms, waste streams generated at the Street & Performance site included D002 (corrosive), D005 (barium), D006 (cadmium), D007 (chromium), F003 and F005 (spent solvents), F006 (wastewater treatment sludge from electroplating operations), and F007 (spent cyanide plating bath solutions).

DEQ records showed that Street & Performance stored materials on-site and generated potential hazardous waste containing the following chemicals: methylene chloride, nickel chloride, ammonium bifluoride, sodium bisulfate, cyanide, sodium cyanide, sodium hydroxide, sodium hydrosulfide, sodium dimethyldithiocarbamate, sodium hypochlorite, nitric acid, sulfuric acid, hydrochloric acid, muriatic acid, phosphoric acid, anhydrous ferric chloride, dimethylamine, methyl ethyl ketone, 2-propanol, toluene, xylene, acetone, sodium metasilicate anhydrous, hydrogen peroxide, chromium, cadmium, barium, copper, nickel, lead, aluminum, zinc, and all known and suspected petroleum constituents.

Based upon site reconnaissance and DEQ records, the following sources are or were located on the Street & Performance site: a former atmospheric evaporator, a plating shop floor sump, a 500-gallon chromium waste tank, a 500-gallon cyanide waste tank, five (5) copper plating baths totaling approximately 700 gallons, five (5) approximately 500-gallon nickel plating baths, three (3) approximately 500-gallon nickel rinse tanks, one (1) approximately 500-gallon chromium plating tank, three (3) approximately 500-gallon chromium rinse tanks, one (1) approximately 500-gallon cyanide plating tank, one (1) 1,800-gallon batch treatment tank that formerly contained lead-contaminated water, one (1) approximately 500-gallon copper rinse tank, two (2) approximately 500-gallon nitric acid and water plating tanks, four (4) approximately 500-gallon rinse tanks, one (1) approximately 120-gallon nitric acid plating tank, one (1) approximately 500-gallon caustic soda tank, one (1) approximately 500-gallon sodium cyanide and sodium hydroxide storage tank, one (1) approximately 500-gallon sodium

cyanide and sodium hydroxide rinse tank, one (1) approximately 500-gallon Techmatic A139 tank, one (1) approximate 500-gallon Techmatic A129 rinse tank, a former pile of approximately 2,000 pounds of foundry sand from nickel and aluminum casting, a former 20-cubic yard roll-off container approximately half-full of foundry sand from nickel and aluminum casting, an unknown former quantity of used fluorescent lamps, numerous former 55-gallon drums and small-quantity containers holding various contaminants, a chromium solution formerly covering the floor of the "Rectifier Room," and the former approximately 968 square foot area of lead and chromium contaminated soil between the two (2) main buildings.

Regulatory Information

A review of the DEQ Permit Data System (PDS) indicated that Arkansas Facility Identification Number (AFIN) 57-00259 is associated with the Street & Performance site. The North American Industry Classification System (NAICS) Code for DEQ-issued permits for the Street & Performance site is listed as 332813: Electroplating, Plating, Polishing, Anodizing, and Coloring. According to DEQ records, the Street & Performance site was a large quantity generator (LQG) of hazardous waste from 2001 to its closing in 2016. Prior to 2001, Street & Performance registered as a small quantity generator (SQG) of hazardous waste.

A review of DEQ records revealed the following violations and complaints at the Street & Performance site:

- Street & Performance had numerous occurrences of submitting Hazardous Waste Annual Reports and paying fees past required due dates.

- As a result of a complaint, DEQ conducted a Compliance Evaluation Inspection (CEI) at the Street & Performance site on July 22, 1999. This CEI revealed no occurrences of significant noncompliance; however, Street & Performance was cited for failing to label or mark clearly containers used for storage of used oil with the words "Used Oil." DEQ did not receive written notification of any actions taken by Street & Performance to correct this violation.

  The July 22, 1999 CEI also revealed that two (2) approximately 300-gallon rinse water tanks were dumped outside a building on the Street & Performance site every week. Analytical results dated July 23, 1999 were below concentrations for the rinse water to be regulated as a hazardous waste. Additional sampling was conducted on August 16, 1999, and revealed high levels of chromium, lead, and barium in soil samples. Further sampling was recommended, which Street & Performance voluntarily performed. Additional sampling and soil removal between the two (2) main buildings was completed on June 26, 2001. Based on the results of the confirmation samples, which were below industrial screening

levels, and the contaminated area being paved by Street & Performance, eliminating a future pathway, DEQ considered the July 22, 1999 CEI closed.

- On May 4, 2007, DEQ received a call from Mena Water Utilities regarding a complaint that a rinse water tank or a nickel-chromium plating bath tank on the Street & Performance site had been emptied into a box drain that leads directly into the city's sewer system. In addition, the Mena Wastewater Treatment Plant had experienced a recent fish kill in one (1) of their lagoons. On June 15, 2007, employees from Mena Water Utilities and the Mena Wastewater Treatment Plant sampled the box drain. Analytical results indicated an elevated chromium level that was well above the toxicity characteristic level for a hazardous waste as defined in Arkansas Pollution Control and Ecology Commission (APC&EC) Rule No. 23 Section 261.24. Based on this information, DEQ conducted a CEI at the Street & Performance site on July 10, 2007, which revealed the following violations:
    - Failure to inspect areas where containers are stored, at least weekly, looking for leaks and deterioration;
    - Failure to make arrangements to familiarize the local authorities with the properties of hazardous waste handled at the facility;
    - Failure to determine if a solid waste is a hazardous waste;
    - Failure to comply with the requirements for a new tank system;
    - Failure to conduct the required personnel training;
    - Failure to comply with applicable contingency plan and emergency procedure requirements; and
    - Failure to obtain a permit for the treatment of hazardous waste.

    In response to these violations, a Consent Administrative Order (CAO) (LIS 08-040) was entered into between DEQ Hazardous Waste Division and Street & Performance on June 9, 2008. Street & Performance completed all requirements, and CAO (LIS 08-040) was closed on June 14, 2011.

- In response to another complaint regarding chemical storage, the drainage between the two (2) main buildings on-site, and barrels stored outside, the DEQ Office of Water Quality performed an investigation at the Street & Performance site on April 10, 2009. This Complaint Investigation revealed that a pile of waste sand needed to be removed from the site and properly disposed, a burn pile at the rear of the site needed to be removed and properly disposed, and an Industrial Stormwater Permit was needed for the site. Street & Performance addressed these deficiencies and sent a letter to DEQ documenting the corrective actions taken. The complaint was closed on April 24, 2009.

- During another Complaint Investigation conducted at the Street & Performance site on October 20, 2011, DEQ observed activities believed to warrant an investigation by the Department of Labor including lack of ventilation in the plating area, lack of personal protective equipment for employees in the grinding and polishing area, employees eating in the grinding and polishing area, and potential employee exposure to hazardous constituents in the plating area, ceramic coating area, and paint booths. DEQ notified the Department of Labor of these activities via letter dated November 14, 2011.

- On October 20, 27, and November 4, 2011, DEQ conducted another Complaint Investigation and subsequent CEI at the Street & Performance site. DEQ observed approximately 115 55-gallon drums containing hazardous waste, some of which had been on-site since 2009. In addition, the CEI revealed numerous instances of significant noncompliance including the following:
    - Failure to maintain a maximum of 55-gallons of hazardous waste at a Satellite Accumulation Area;
    - Failure to keep a container of hazardous waste closed while being accumulated on-site;
    - Failure to label a container of hazardous waste as such while being accumulated on-site;
    - Failure to date a container of hazardous waste with the date accumulation began;
    - Failure to maintain hazardous waste analysis data at the facility;
    - Failure to submit an annual report for hazardous waste activities from the previous year by March 1st;
    - Failure to submit an accurate annual report for hazardous waste activities from the previous year;
    - Knowingly signing a false annual report for hazardous waste activities;
    - Purposely or knowingly making a false statement and certification in a report required under Rule No. 23;
    - Failure to conduct annual hazardous waste refresher training;
    - Failure to document job titles and names of persons filling hazardous waste jobs at the facility;
    - Failure to document facility hazardous waste job descriptions;
    - Failure to maintain adequate aisle space for the movement of emergency equipment and personnel;
    - Failure of a LQG of hazardous waste to store hazardous waste for no more than ninety (90) days;
    - Failure to obtain a permit to store over 13,200 pounds of hazardous waste on-site for longer than ninety (90) days; and
    - Failure to conduct weekly inspections of the hazardous waste storage area.

The CEI Report was mailed to Street & Performance on December 20, 2011. Street & Performance sent a response to DEQ on January 4, 2012, addressing the violations found in the CEI. A Notice of Violation (NOV) (LIS 12-096) was executed on June 6, 2012.

- As a result of an anonymous complaint received on January 7, 2013, which alleged that Street & Performance was "stockpiling hazardous waste," DEQ conducted another CEI at the site on January 9, 2013. This CEI revealed that Street & Performance had stored 132 containers of hazardous waste on-site for greater than ninety (90) days. In addition, Street & Performance was cited for:
    - Failure to obtain a permit for the storage of hazardous waste;
    - Failure to mark a satellite accumulation container with the words "Hazardous Waste" or other words to identify the contents of the container;
    - Failure to label or mark each container of hazardous waste with the words "Hazardous Waste";
    - Failure to mark the accumulation start date on each container of hazardous waste;
    - Failure to keep a container of hazardous waste closed except when adding or removing waste;
    - Failure to properly prepare a hazardous waste manifest;
    - Failure to maintain adequate aisle space for the movement of emergency equipment and personnel; and
    - Failure to conduct weekly inspections of hazardous waste storage areas.

  Street & Performance addressed these violations and sent documentation to DEQ on January 25, 2013. The original NOV (LIS 12-096) was amended to add the above violations and an Amended NOV (LIS 12-096) was executed on April 23, 2013. On March 28, 2014, APC&EC issued Minute Order No. 14-16 to Street & Performance. Minute Order No. 14-16 upheld the violations and corrective actions listed in the Amended NOV (LIS 12-096) and required Street & Performance to pay a civil penalty of $120,000.

- On May 18, 2016, the DEQ Office of Land Resources conducted another CEI at the Street & Performance site as a result of an anonymous complaint which alleged that the facility was "storing waste." The CEI revealed numerous instances of significant noncompliance including the following:
    - Failure to pay the remaining balance of $88,000 of the civil penalty due after failing to make scheduled monthly payments;
    - Failure to determine if a solid waste is a hazardous waste;
    - Failure to keep a container of hazardous waste closed except when adding or removing waste;

- Failure to mark a satellite accumulation container with the words "Hazardous Waste" or other words to identify the contents of the container;
- Accumulating hazardous waste on-site for greater than ninety (90) days;
- Failure to obtain a permit for the storage of hazardous waste;
- Failure to label or mark clearly each container of hazardous waste with the words "Hazardous Waste";
- Failure to mark the date upon which each period of accumulation began on each container of hazardous waste;
- Failure to submit an annual report to DEQ by March 1st of each year;
- Failure to submit a description, EPA hazardous waste number, and quantity of each hazardous waste generated on-site and either accumulated, treated, stored, or disposed of on-site or shipped offsite to a Treatment, Storage, and Disposal Facility (TSDF); and
- Signing an inaccurate annual report for hazardous waste activities.

DEQ hand-delivered the CEI Report to Street & Performance on July 14, 2016; however, Street & Performance did not address the aforementioned violations.

- DEQ received a letter from Street & Performance dated October 24, 2016, stating that the facility would be ceasing all operations and closing on October 28, 2016. On February 1, 2017, an inspection was conducted that confirmed Street & Performance was no longer in business; however, DEQ also observed numerous containers of hazardous and nonhazardous waste, electroplating solutions (including cyanide, chromium, and nitric acid), various rinse tanks, lead contaminated water, waste solvents, sodium cyanide solutions, approximately 100 used fluorescent lamps, a pile of waste foundry sand, and a roll-off container with waste foundry sand remaining on the site. In response to these findings, the Director of the DEQ issued an Emergency Order for remedial actions to be taken immediately to remedy the emergency conditions. A final inspection was performed on the Street & Performance site on March 23, 2017, after all abandoned waste, totaling approximately 199,320 pounds, was characterized and removed.

2.4 Previous Investigations

DEQ submitted an EPA Potential Hazardous Waste Site Identification Form on August 23, 2017, and a PA on September 19, 2017. The EPA subsequently provided DEQ with a Superfund Site Strategy Recommendation (SSSR) Form dated August 10, 2018,

approving the commencement of an SI. DEQ submitted an SI TWP to the EPA on June 24, 2021.

2.5 Summary of PA Site Concerns

As described in the PA and the SI TWP, possible concerns associated with the sources at the site and the migration of, or exposure to, site-attributable hazardous substances through the groundwater migration, surface water migration, SESSI, and air migration pathways included the following:

- The materials stored and potential hazardous waste generated containing the following chemicals on-site: methylene chloride, nickel chloride, ammonium bifluoride, sodium bisulfate, cyanide, sodium cyanide, sodium hydroxide, sodium hydrosulfide, sodium dimethyldithiocarbamate, sodium hypochlorite, nitric acid, sulfuric acid, hydrochloric acid, muriatic acid, phosphoric acid, anhydrous ferric chloride, dimethylamine, methyl ethyl ketone, 2-propanol, toluene, xylene, acetone, sodium metasilicate anhydrous, hydrogen peroxide, chromium, cadmium, barium, copper, nickel, lead, aluminum, zinc, and all known and suspected petroleum constituents;

- Staining in the shape of rings on the Concrete Storage Area indicative of former 55-gallon drums;

- Multiple areas of disturbed soil and gravel located throughout the site, primarily on the east portion;

- Debris including scrap metal, wood pallets, lumber, and tires located throughout the site, primarily on the east portion;

- The burn pile located in a vegetated area on the east portion of the site;

- The two (2) empty approximately 250-gallon plastic totes on the northeast portion of the site;

- The approximately six (6) inch diameter plastic pipe extending underground on the northeast portion of the site;

- Numerous occurrences of submitting Hazardous Waste Annual Reports and paying fees past required due dates;

- A violation in 1999 for failing to label or mark clearly containers used to store used oil with the words “Used Oil”;

- The two (2) rinse water tanks that had been dumped every week outside a building on the site and the corresponding soil samples with high levels of chromium, lead, and barium;

- The CAO (LIS 08-040) entered on June 9, 2008, regarding numerous hazardous waste management violations;

- Violations in 2009 regarding an Industrial Stormwater Permit that was needed for the site and a pile of waste sand and a burn pile that needed to be removed from the site and properly disposed;

- The Complaint Investigation and subsequent CEI in 2011 that revealed approximately 115 55-gallon drums containing hazardous waste, some of which had been on-site since 2009, and numerous instances of significant noncompliance;

- The CEI in 2013 which revealed that Street & Performance had stored 132 containers of hazardous waste on-site for greater than ninety (90) days and numerous additional compliance violations;

- The CEI in 2016 which revealed numerous additional instances of significant noncompliance;

- The Emergency Order for remedial actions in 2016 resulting in approximately 199,320 pounds of abandoned waste being characterized and removed from the site;

- The historical use of numerous waste tanks, rinse tanks, plating tanks, and other aboveground containers holding various contaminants on-site; and

- The historical use of an unknown quantity of 55-gallon drums and small-quantity containers holding various contaminants on-site.

The SESSI pathway and the surface water migration pathway are of most concern due to the reasons listed above and the existence of targets. Potential soil exposure targets include site visitors and trespassers. Potential subsurface intrusion targets include nearby workers, residents, and trespassers into buildings on the site. Potential surface water migration pathways include surface water flowing directly into Prairie Creek along the south site boundary, eventually reaching the Ouachita River approximately 5.51 miles northeast and downstream from the Street & Performance site.

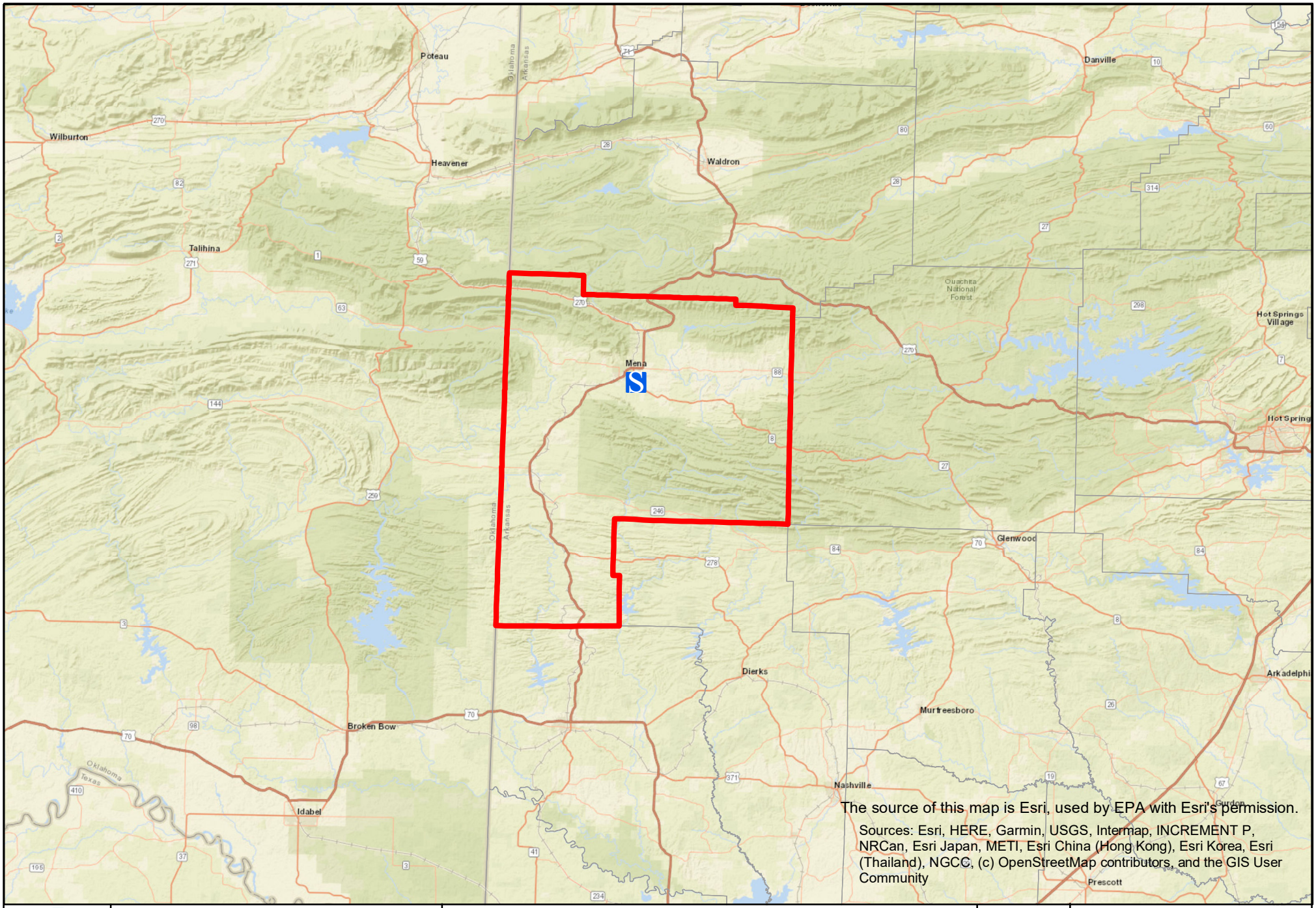
The groundwater migration pathway is of intermediate concern due to the potential for releases at the Street & Performance site; however, the source water for the residents of Mena is surface water, not groundwater.

The air migration pathway is of least concern. Street & Performance had no DEQ-issued air permits; therefore, no air permit violations were found in DEQ records. Although there were some areas of exposed soil on the site, no blowing particles were noted during the site reconnaissance.

2.6 Summary of SI Site Concerns

The SI analytical results indicate that sediment, surface soil, and subsurface soil contamination are present at concentrations exceeding residential and industrial EPA Region 6 Regional Screening Levels (RSLs) and three (3) times the maximum background concentrations established for this site. In addition, sediment contamination is present in concentrations exceeding sediment ecological screening levels. Subsurface soil contamination is present in concentrations exceeding Protection of Groundwater Soil Screening Levels (PGSSLs). Surface water contamination is not present in concentrations exceeding fresh water RSLs or water ecological screening levels. Minimal contamination was found throughout the site. All site characterization sediment and surface water samples were collected in Area of Concern (AOC) 2 – Drainage Ditches and Prairie Creek. The highest levels of contamination were detected in sediment samples collected from the site drainage ditches, with lower levels of contamination found in the sediment samples collected from Prairie Creek. The surface water samples showed no contamination above applicable screening levels. All site characterization surface soil and subsurface soil samples were collected in AOC 1 – Manufacturing Area. The surface soil and subsurface soils samples showed a fairly even distribution of contamination across AOC 1. **Figure 2-4** provides a map depicting the two (2) AOCs at the Street & Performance site. The AOCs are discussed more in detail in Section 4.3.3.

Section 6.0, Surface Water Migration Pathway, and Section 7.0, Soil Exposure and Subsurface Intrusion Pathway, provide detailed discussions of the SI site concerns.



Street & Performance

Site Location and County Map

Figure 2-1

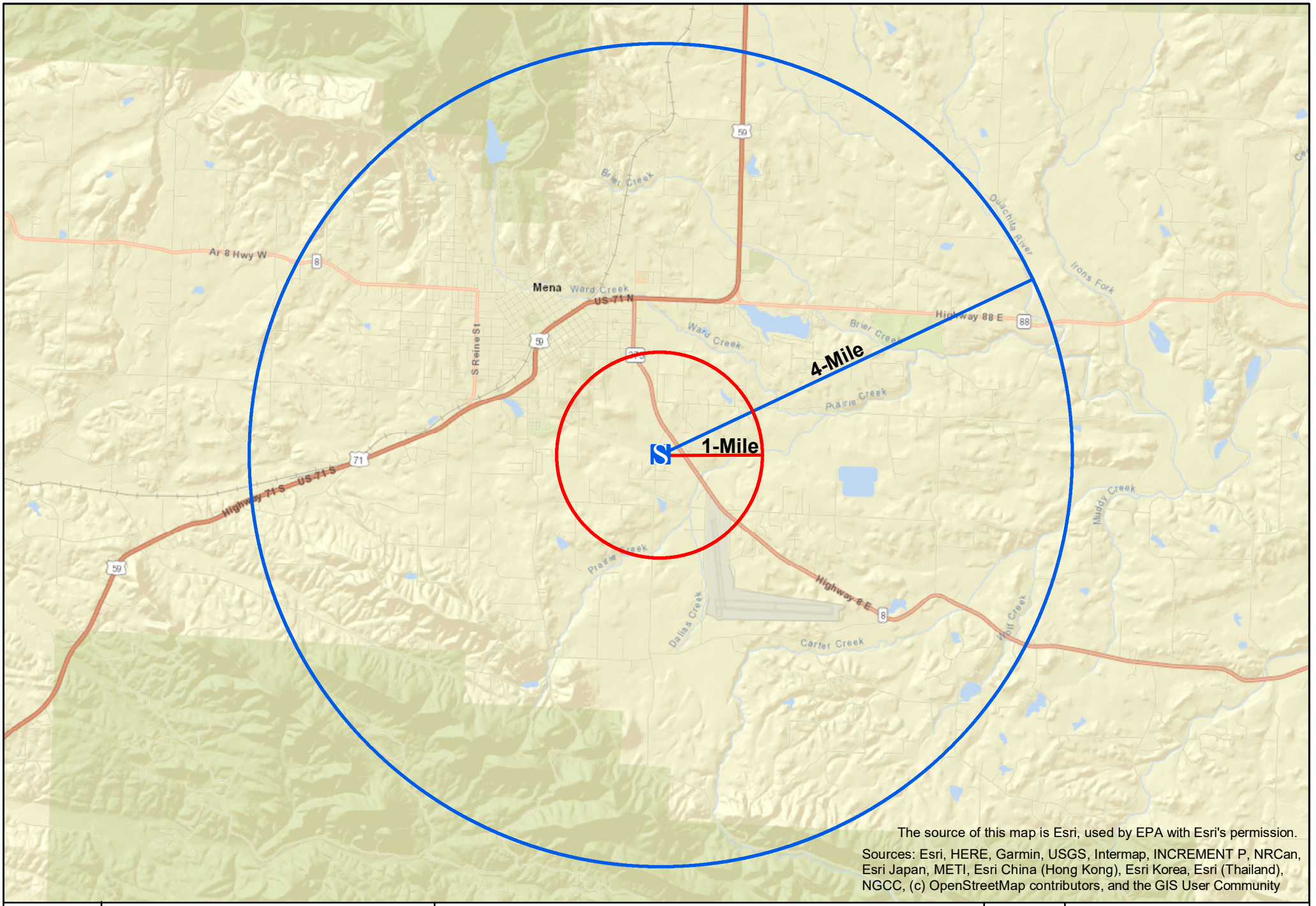
Legend:

- Polk County
- Site Location

0 3.5 7 14 Miles

AFIN: 57-00259

County and Site Location	
Location:	*Mena, Arkansas*
County:	*Polk*
Date:	*September 2023*



The source of this map is Esri, used by EPA with Esri's permission.
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

Street & Performance

1-Mile and 4-Mile Radius

Figure 2-2

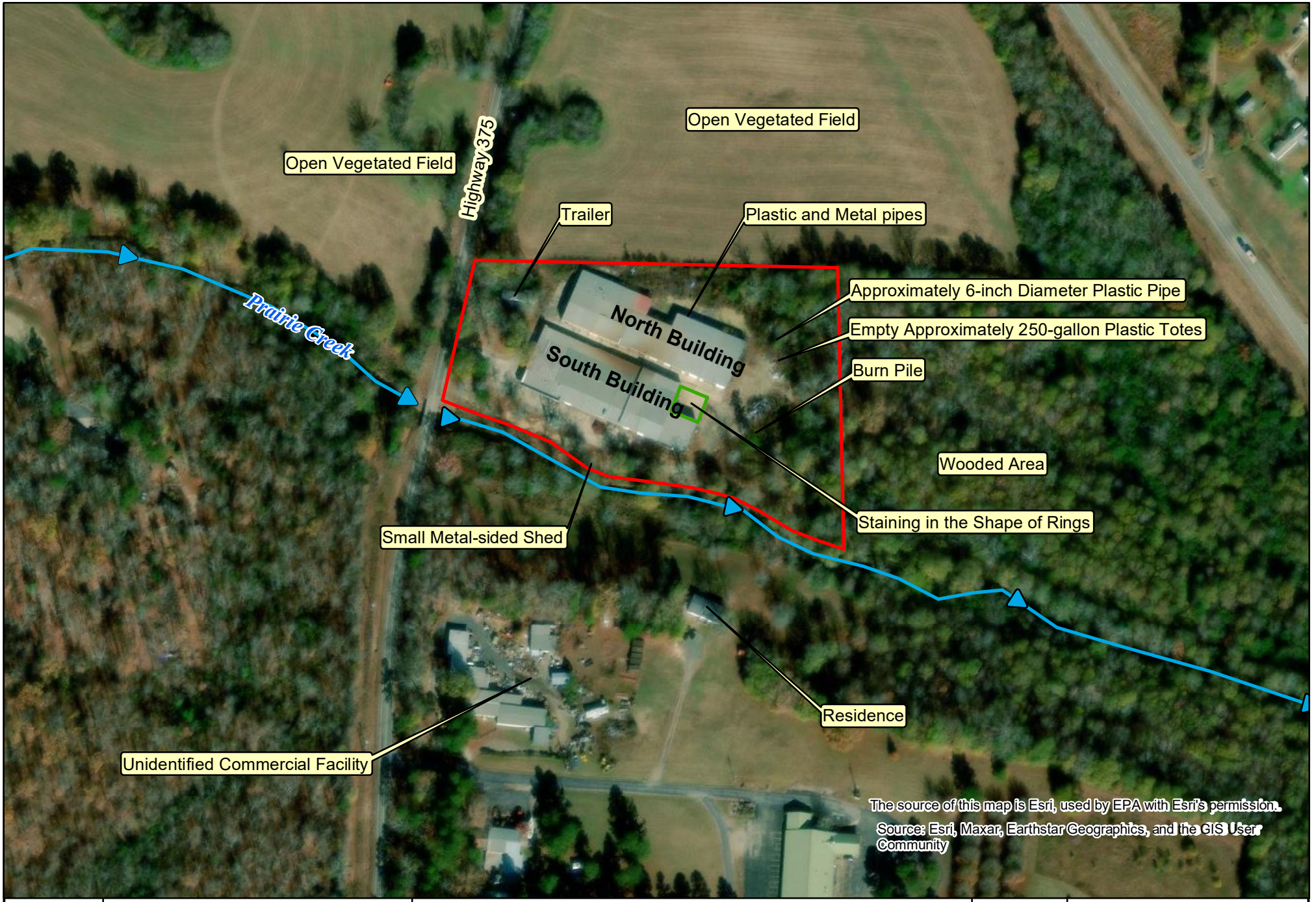
Legend:

Site Location

0 0.325 0.65 1.3 Miles

AFIN: 57-00259

1-Mile and 4-Mile Radius	
Location:	*Mena, Arkansas*
County:	*Polk*
Date:	*September 2023*



Street & Performance

Site Map-Aerial View

Figure 2-3

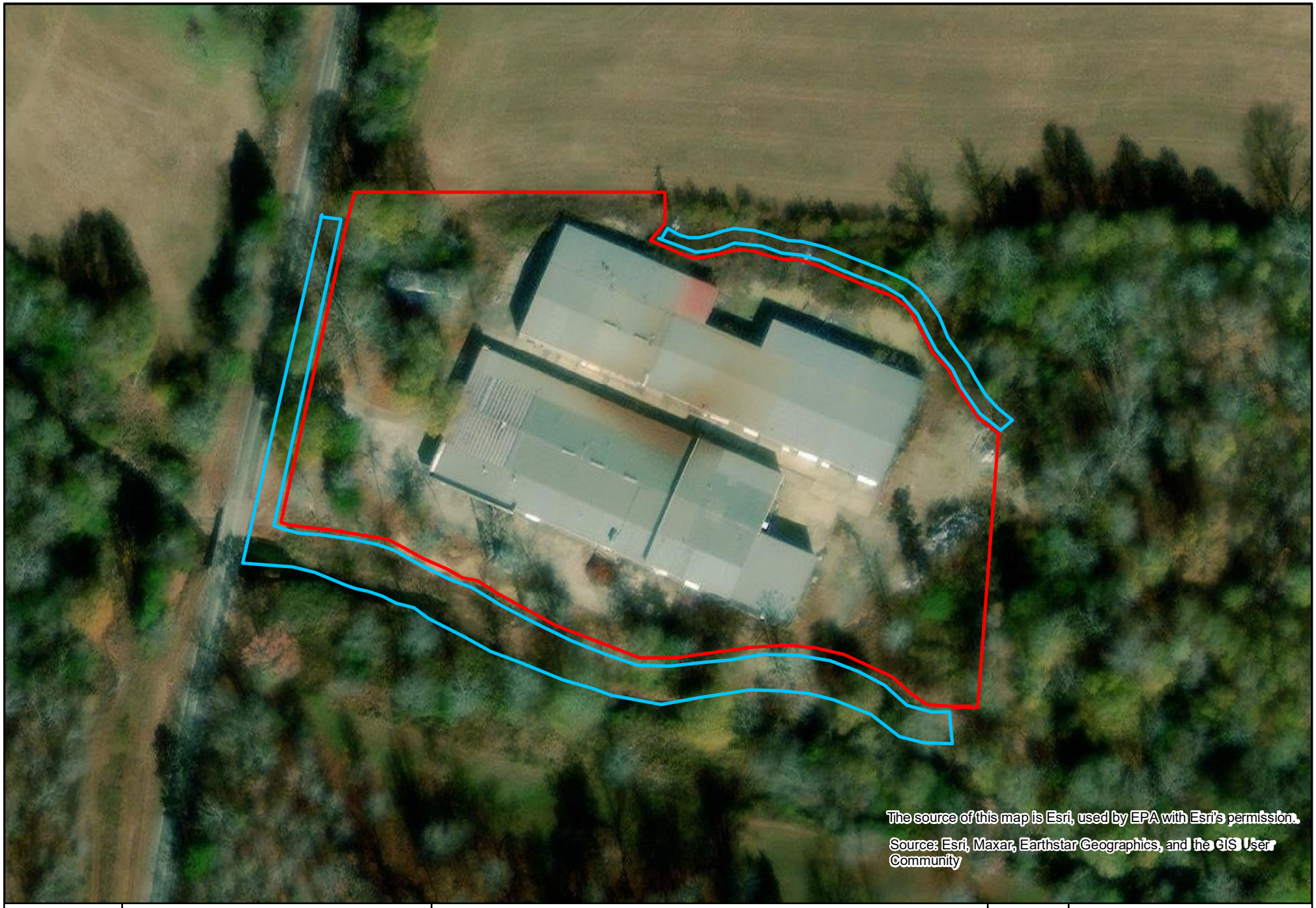
Legend:

- Site Boundary
- Concrete Storage Area
- Site Drainage
- Flow Direction

0 40 80 160 Feet

AFIN: 57-00259

Site Map-Aerial View	
Location:	*Mena, Arkansas*
County:	*Polk*
Date:	*September 2023*



Street & Performance
Areas of Concern
Figure 2-4

Legend:
- AOC 1
- AOC 2

0 25 50 100 Feet

AFIN: 57-00259

Areas of Concern	
Location:	*Mena, Arkansas*
County:	*Polk*
Date:	*September 2023*

3.0 FIELD ACTIVITES

DEQ conducted the SI field activities on August 9, 2021. The field activities were completed in general accordance with the SI TWP, which included a SAP, QAPP, and the site-specific HASP.

3.1 Sampling Activities

The SI field sampling strategy focused on collecting samples from on-site and off-site locations to define the affected media and document the existence and migration of contaminants associated with the site. As part of the SI field efforts, the following tasks were completed and are described in this section:

- Sample Nomenclature
- Sediment Sampling
- Surface Water Sampling
- Surface Soil Sampling
- Subsurface Soil Sampling
- Background Sampling
- Field Quality Assurance (QA) and Quality Control (QC) Sampling

At all sediment, surface soil, and subsurface soil locations, either a pre-sterilized plastic scoop or stainless steel trowel was used to scrape away the top layer (approximately 0.5 inches) of soil and vegetation prior to sample collection. The sediment and surface soil samples were collected from depths ranging from zero to six (0-6) inches below ground surface (bgs) and the subsurface soil samples were collected from depths ranging from six to eighteen (6-18) inches bgs. The samples were collected using clean nitrile gloves at every location and pre-sterilized, disposable plastic scoops at every sediment and surface soil location. A metal hand auger was used to help collect subsurface soil samples. Surface water samples were collected directly into the sample containers. All samples were sealed and labeled immediately after sampling.

3.1.1 Sample Nomenclature

The nomenclature for samples collected during DEQ's field activities is represented by the following:

Station ID and Collection Type – Sequential Sample

The Station ID and Collection Type is a two (2) to five (5)-digit code designating the physical location where the sample was collected and the sample type. For the purposes of this report, a sampling location is referred to as a station. The Sequential Sample is a two (2)-digit code that represents the nth sample location of common collection types chosen during the SI TWP.

For example, the nomenclature for SSBK-01 indicates the first chosen location for a background surface soil sampling station. SS-01 indicates the first chosen location for

a surface soil sampling station. SDBK-01 indicates the first chosen location for a background sediment sampling station. SD-01 indicates the first chosen location for a sediment sampling station. SWBK-01 indicates the first chosen location for a background surface water sampling station. SW-01 indicates the first chosen location for a surface water sampling station. SBSBK-01 indicates the first chosen location for a background subsurface soil sampling station. SBS-01 indicates the first chosen location for a subsurface soil sampling station.

The approximate Street & Performance sampling event sample locations are shown on **Figure 3-1** and **Figure 3-2.** The sample station descriptions and rationales are summarized in **Table 3-1**.

3.1.2 Sediment Sampling

Sediment samples were collected to assess the surface water migration pathway. DEQ collected a total of eleven (11) sediment samples, including one (1) background sample and one (1) QA duplicate sample.

3.1.3 Surface Water Sampling

Surface water samples were also collected to assess the surface water migration pathway. DEQ collected a total of four (4) surface water samples, including one (1) background sample and one (1) QA duplicate sample.

3.1.4 Surface Soil Sampling

Surface soil samples were collected to assess the SESSI pathway. DEQ collected a total of ten (10) surface soil samples, including one (1) background sample and one (1) QA duplicate samples.

3.1.5 Subsurface Soil Sampling

Subsurface soil samples were collected to assess the SESSI pathway. DEQ collected a total of seven (7) subsurface samples, including one (1) background sample and one (1) QA duplicate sample.

3.1.6 Background Sampling

Background sampling activities were conducted to determine natural levels of site-related constituents in areas not affected by site activities.

One (1) background sediment sample (SDBK-01) was collected. The background sediment sample station is located approximately 0.1 miles west of the Street & Performance site along Prairie Creek.

One (1) background surface water sample (SWBK-01) was collected. The background surface water sample station is located approximately 0.1 miles west of the Street & Performance site along Prairie Creek.

One (1) background surface soil sample (SSBK-01) was collected. The background surface soil sample station is located approximately 0.3 miles southwest of the Street & Performance site in an open vegetated field south of Polk Rd 298.

One (1) background subsurface soil sample (SBSBK-01) was collected. The background subsurface soil sample station is located approximately 0.3 miles southwest of the Street & Performance site in an open vegetated field south of Polk Rd 298.

3.1.7 Field Quality Assurance and Quality Control Sampling

One (1) field duplicate sample was collected for sediment, one (1) field duplicate sample was collected for surface water, one (1) field duplicate sample was collected for surface soil, and one (1) field duplicate sample was collected for subsurface soil. Analysis of the field duplicate samples allows for the evaluation of precision of the sample collection and analytical process.

3.2 Health and Safety

Prior to conducting the SI field activities, DEQ developed a site-specific HASP for use by DEQ personnel. The HASP was included in the SI TWP and addressed potential chemical, physical, and biological hazards; personal protective equipment; contingencies for upgrade of personal protective equipment; and procedures for handling site emergencies such as fire, security, and injury to personnel.

3.2.1 Site Health and Safety

The site-specific HASP met the requirements of the Occupational Safety and Health Administration (OSHA) Section 29 Part 1910.120 for workers engaged in hazardous waste activities. The DEQ Project Manager for the Street & Performance site was responsible for HASP implementation during the SI field activities. Level D personal protective equipment was used for the duration of the SI activities as no action levels requiring an upgrade of personal protective equipment or emergency conditions were encountered.

3.2.2 Investigation Derived Wastes Management

During the Street & Performance SI sampling event, the DEQ sampling team generated investigation derived wastes (IDW) including disposable sampling equipment, personal protective equipment, paper towels, and garbage bags. All generated IDW was managed consistent with EPA guidance set forth in *Management of Investigation-Derived Wastes During Site Inspections* (EPA/540/G-91/9009) (Ref. 3).

Street & Performance

Site Characterization
Sample Locations
Figure 3-1

Legend:

- Site Boundary
- Site Drainage
- Flow Direction
- Surface Soil Sample
- Subsurface Soil Sample
- Sediment Sample
- Surface Water Sample

0 20 40 80 Feet

N

AFIN: 57-00259

Site Sample Locations	
Location:	*Mena, Arkansas*
County:	*Polk*
Date:	*September 2023*

Street & Performance

Background Sample Locations

Figure 3-2

Legend:

- Site Boundary
- Site Drainage
- Flow Direction
- Surface Soil Sample
- Subsurface Soil Sample
- Sediment Sample
- Surface Water Sample

0 125 250 Feet

N

AFIN: 57-00259

Background Sample Locations	
Location:	*Mena, Arkansas*
County:	*Polk*
Date:	*September 2023*

Table 3-1
Sampling Station Descriptions and Rationales

Station Identification/Type	Description	Rationale	Sample Identification/QC Type
SSBK-01 Background Surface Soil	Off-site area presumed to be representative; approximately 0.3 miles southwest and upgradient of the site in an open vegetated field south of Polk Rd 298	Low concentration sample collected to document background conditions in the SESSI pathway	Background
SBSBK-01 Background Subsurface Soil	Off-site area presumed to be representative; approximately 0.3 miles southwest and upgradient of the site in an open vegetated field south of Polk Rd 298	Low concentration sample collected to document background conditions in the SESSI pathway	Background
SDBK-01 Background Sediment	Off-site area presumed to be representative; approximately 0.1 miles west and upgradient of the site along Prairie Creek	Low concentration sample collected to document background conditions in the surface water migration pathway	Background
SWBK-01 Background Surface Water	Off-site area presumed to be representative; approximately 0.1 miles west and upgradient of the site along Prairie Creek	Low concentration sample collected to document background conditions in the surface water exposure pathway	Background
SS-01 Surface Soil	AOC 1 – Manufacturing Area; low-lying area on the southwest portion of the site	Low concentration sample collected to document potential on-site contamination	Normal
SS-02 Surface Soil	AOC 1 – Manufacturing Area; near the metal-sided shed	Low concentration sample collected to document potential on-site contamination	Normal
SS-03 Surface Soil	AOC 1 – Manufacturing Area; within two feet of the southeast portion of the building	Low concentration sample collected to document potential on-site contamination	Normal
SS-04 Surface Soil	AOC 1 – Manufacturing Area; low-lying area between South Building and Prairie Creek	Low concentration sample collected to document potential on-site contamination	Normal
SS-05 Surface Soil	AOC 1 – Manufacturing Area; low-lying area on southeast portion of the site between former waste pile and Prairie Creek	Low concentration sample collected to document potential on-site contamination	Normal
SS-06 Surface Soil	Duplicate of SS-05	Field Duplicate	Field Duplicate
SS-07 Surface Soil	AOC 1 – Manufacturing Area; east of former waste pile on east portion of site	Low concentration sample collected to document potential on-site contamination	Normal
SS-08 Surface Soil	AOC 1 – Manufacturing Area; within two feet of north side of North Building	Low concentration sample collected to document potential on-site contamination	Normal
SS-09 Surface Soil	AOC 1 – Manufacturing Area; northwest portion of site near former trailer	Low concentration sample collected to document potential on-site contamination	Normal

Table 3-1 (cont.)
Sampling Station Descriptions and Rationales

Station Identification/Type	Description	Rationale	Sample Identification/QC Type
SBS-01 Subsurface Soil	Manufacturing Area; near the small metal-sided shed	Low concentration sample collected to document potential on-site contamination	Normal
SBS-02 Subsurface Soil	AOC 1 – Manufacturing Area; within two feet of the southeast portion of South Building	Low concentration sample collected to document potential on-site contamination	Normal
SBS-03 Subsurface Soil	AOC 1 – Manufacturing Area; low-lying area on southeast portion of site between former waste pile and Prairie Creek	Low concentration sample collected to document potential on-site contamination	Normal
SBS-04 Subsurface Soil	AOC 1 – Manufacturing Area; east of former waste pile on east portion of site	Low concentration sample collected to document potential on-site contamination	Normal
SBS-05 Subsurface Soil	Duplicate of SBS-04	Field Duplicate	Field Duplicate
SBS-06 Subsurface Soil	AOC 1- Manufacturing Area; within two feet of north side of North Building	Low concentration sample collected to document potential on-site contamination	Normal
SD-01 Sediment	AOC 2 – Drainage Ditches and Prairie Creek; along Prairie Creek in the southeast portion of the site	Low concentration sample collected to document potential on-site contamination	Normal
SD-02 Sediment	AOC 2 – Drainage Ditches and Prairie Creek; along Prairie Creek in the south portion of the site	Low concentration sample collected to document potential on-site contamination	Normal
SD-03 Sediment	AOC 2 – Drainage Ditches and Prairie Creek; along Prairie Creek in the southwest portion of the site	Low concentration sample collected to document potential on-site contamination	Normal
SD-04 Sediment	AOC 2 – Drainage Ditches and Prairie Creek; along Prairie Creek near the west site boundary	Low concentration sample collected to document potential on-site contamination	Normal
SD-05 Sediment	AOC 2 – Drainage Ditches and Prairie Creek; along the drainage ditch at the west site boundary	Low concentration sample collected to document potential on-site contamination	Normal
SD-06 Sediment	AOC 2 – Drainage Ditches and Prairie Creek; along the drainage ditch at the west site boundary	Low concentration sample collected to document potential on-site contamination	Normal
SD-07 Sediment	Duplicate of SD-06	Field Duplicate	Field Duplicate
SD-08 Sediment	AOC 2 – Drainage Ditches and Prairie Creek; along the drainage ditch on the north portion of the site	Low concentration sample collected to document potential on-site contamination	Normal
SD-09 Sediment	AOC 2 – Drainage Ditches and Prairie Creek; along the drainage ditch on the northeast portion of the site	Low concentration sample collected to document potential on-site contamination	Normal

Table 3-1 (cont.)
Sampling Station Descriptions and Rationales

Station Identification/Type	Description	Rationale	Sample Identification/QC Type
SD-10 Sediment	AOC 2 – Drainage Ditches and Prairie Creek; along the drainage ditch on the northeast portion of the site	Low concentration sample collected to document potential on-site contamination	Normal
SW-01	AOC 2 – Drainage Ditches and Prairie Creek; along Prairie Creek in the southeast portion of the site	Low concentration sample collected to document potential on-site contamination	Normal
SW-02	AOC 2 – Drainage Ditches and Prairie Creek; along Prairie Creek near the west site boundary	Low concentration sample collected to document potential on-site contamination	Normal
SW-03	Duplicate of SW-02	Field Duplicate	Field Duplicate

4.0 SOURCE CHARACTERIZATION

The source(s) of CERCLA-eligible hazardous substances identified at the site are described in this section along with site-related concerns regarding the migration of these substances.

4.1 Designation of Background

DEQ evaluated the analytical data associated with the sediment, surface water, surface soil, and subsurface soil samples collected as background samples during the SI investigation. Based on this review, the sediment, surface water, surface soil, and subsurface soil samples designated as background samples appear to have been collected from areas not impacted by site activities.

The arsenic concentrations in sediment background sample SDBK-01, surface soil background sample SSBK-01, and subsurface soil background sample SBSBK-01 exceeded the residential and industrial RSLs. However, the arsenic concentrations in SDBK-01 and SSBK-01 did not exceed the mean concentration for arsenic recorded by the United States Geological Survey (USGS) within Polk County. The USGS's mean arsenic concentration in Polk County is 6.532 mg/kg, with a maximum concentration of 10.088 mg/kg (Ref. 4). The arsenic concentration in SBSBK-01 exceeded the mean concentration for arsenic in the county, but did not exceed the maximum concentration recorded.

The results of the background samples are provided in **Table 4-1** and are also discussed in Section 6.0, Surface Water Migration Pathway, and Section 7.0, Soil Exposure and Subsurface Intrusion Pathway, and tabulated in tables following the text of these sections.

4.2 Sources of CERCLA-Eligible Hazardous Substances

For source characterization purposes, sediment samples are those that were collected from a depth of zero to six (0-6) inches bgs, surface soil from a depth of zero to six (0-6) inches bgs, and subsurface soil from a depth of six to eighteen (6-18) inches bgs. Analytical results from sediment, surface water, surface soil, and subsurface soil samples were compared to three (3) times the maximum background concentrations detected in the background samples along with residential and industrial RSLs. Additionally, sediment and surface water samples were compared to corresponding ecological screening levels and subsurface soil samples were compared to PGSSLs.

Based on the results of DEQ's field sampling activities, areas of contaminated sediment, surface soils, and subsurface soils have been identified. The specific dimensions of contamination have not been estimated based on analytical results.

4.3 Source Sampling and Results

The following sections summarize the sampling activities performed for source waste characterization during the SI field activities and previous investigations. Relevant data related to the sources is provided.

4.3.1 Previous Source Sampling and Analytical Results

No previous source sampling has been conducted at the Street & Performance site.

4.3.2 SI Sample Laboratory Analyses

DEQ shipped a total of thirty-two (32) samples to two (2) EPA CLPs by Federal Express Overnight Service. Sediment, surface water, surface soil, and subsurface soil samples were analyzed for TCL organics (BNA fractions only) and TAL metals, including mercury and cyanide. Sediment, surface soil, and subsurface soil samples were also analyzed for PCBs.

Summaries of analytical results from samples collected during this SI are provided in Section 6.0 and Section 7.0. The Final Analytical Reports prepared by the EPA CLPs are provided in **Appendix A**. BNAs will be referenced as semi-volatile organic compounds (SVOCs) for the remainder of this SI.

Analytical results indicated the presence of TAL inorganic constituents, or total metals, and SVOCs. This SI Report therefore presents and discusses the analytical results for total metals and SVOCs.

4.3.3 SI Source Sampling and Analytical Results

As discussed in Section 3.1, DEQ collected a total of thirty-two (32) sediment, surface water, surface soil, and subsurface soil samples in an effort to characterize contaminant concentrations in those media in order to document the presence of hazardous substances associated with the suspected sources. Sediment, surface water, surface soil, and subsurface soil samples in which hazardous constituents were detected at concentrations above three (3) times the maximum background concentrations, residential RSLs, or industrial RSLs were used to characterize sources. Sediment samples in which hazardous constituents were detected at concentrations above sediment ecological screening levels were also used to characterize sources. Surface water samples in which hazardous constituents were detected at concentrations above surface water ecological screening levels or fresh water RSLs were used to characterize sources. Subsurface soil samples in which hazardous constituents were detected at concentrations above PGSSLs were used to characterize sources.

A judgmental, or biased, sampling design was used to select the sampling locations. As noted in the SI TWP, the PA identified multiple potential sources, or AOCs. The AOCs and associated sampling media considered in the sampling design are provided below.

AOC 1 – Manufacturing Area: Where Street & Performance formerly operated and the location of the buildings, former tanks, roll-off containers, and waste piles. Medium: soil.

AOC 2 – Drainage Ditches and Prairie Creek: Unnamed drainage ditches running along the west site boundary and northeast portion of the site, portion of Prairie Creek that flows east along the south site boundary eventually reaching the Ouachita River, and location of the one (1) Probable Point of Entry (PPE). Media: sediment and water.

Concentrations of the following analytes were not detected in the background samples but were detected in corresponding media site characterization samples, which indicates an observed release. Three (3) times maximum background concentration values could not be established for the following analytes:

Sediment:

- Beryllium
- Cadmium
- Calcium

Surface Water:

- None

Surface Soil:

- Antimony
- Selenium
- Thallium
- 1,4-Dioxane
- 4-Chloroaniline
- 2-Nitroaniline
- 2,4-Dinitrophenol
- 3-Nitroaniline
- 4-Nitroaniline
- 4-Nitrophenol
- 4,6-Dinitro-2-methylphenol
- Benzo(g,h,i)perylene
- Benzo(k)fluoranthene
- Bis(2-ethylhexyl)phthalate
- Dibenzo(a,h)anthracene
- Di-n-octylphthalate
- Indeno[1,2,3-cd]pyrene
- Hexachlorocyclopentadiene
- N-Nitroso-di-n propylamine

Subsurface Soil:

- Selenium
- Silver
- Thallium
- 1,4-Dioxane
- 4-Chloroaniline

The RSL values, if determined, were used in lieu of background concentrations to determine observed contamination criteria for these analytes. PGSSLs, if determined, were also used to evaluate subsurface soil samples. Sediment and surface water ecological screening levels, if determined, were also used to evaluate corresponding sediment and surface water samples. A copy of the EPA Region 6 RSL Summary Table is provided in **Appendix B**. In addition, USGS Average Concentrations of Elements in Polk County, Arkansas was also used to evaluate concentrations of metals found in soil and sediment samples. A table of the USGS Average Concentrations of Elements in Polk County, Arkansas is provided in **Appendix C**.

The surface water migration and soil exposure and subsurface intrusion pathways were of most concern; therefore, Section 6.0, Surface Water Migration Pathway, and Section 7.0, Soil Exposure and Subsurface Intrusion Pathway, provides a complete discussion of the source sampling and analytical results for this SI.

Sediment:

Ten (10) site characterization sediment samples were collected at the Street & Performance site. The concentrations of constituents detected in sediment samples are tabulated and discussed in Section 6.0.

Seventeen (17) metals were detected in site characterization sediment samples. Six (6) site characterization sediment samples have metal concentrations that exceed three (3) times the maximum background concentrations. All of the site characterization sediment samples have arsenic concentrations above the residential RSL, with seven (7) of these also exceeding the industrial RSL. All site characterization sediment samples have metal concentrations above sediment ecological screening levels.

Six (6) site characterization sediment samples exceed the maximum concentration for copper recorded by the USGS within Polk County. The USGS's maximum copper concentration in Polk County is 34.107 mg/kg. Four (4) site characterization sediment samples exceed the maximum concentration for lead recorded by the USGS within Polk County. The USGS's maximum lead concentration in Polk County is 30.006 mg/kg. One (1) site characterization sediment sample (SD-05) exceeds the maximum concentration for zinc recorded by the USGS within Polk County. The USGS's maximum zinc concentration in Polk County is 258.067 mg/kg. One (1) site characterization sediment sample (SD-05) exceeds the maximum concentration for manganese recorded by the USGS within Polk County. The USGS's maximum manganese concentration in Polk County is 1,167.910 mg/kg.

No SVOCs or PCBs were detected in site characterization sediment samples.

Surface Water:

Three (3) site characterization surface water samples were collected at the Street & Performance site. The concentrations of constituents detected in surface water samples are tabulated and discussed in Section 6.0.

Three (3) metals were detected in site characterization surface water samples. None of the site characterization surface water samples have metal concentrations that exceed fresh water RSLs, three (3) times the maximum background concentrations, or fresh water ecological screening levels.

No SVOCs were detected in site characterization surface water samples.

Surface Soil:

Eight (8) site characterization surface soil samples were collected at the Street & Performance site. The concentrations of constituents detected in surface soil samples are tabulated and discussed in Section 7.0.

Twenty (20) metals were detected in site characterization surface soil samples. Seven (7) site characterization surface soil samples have metal concentrations that exceed three (3) times the maximum background concentrations. All of the site characterization surface soil samples have arsenic concentrations above the residential soil and industrial soil RSLs.

Seven (7) site characterization surface soil samples exceed the maximum concentration for copper recorded by the USGS within Polk County. Two (2) site characterization surface soil samples exceed the maximum concentration for lead recorded by the USGS within Polk County. Two (2) site characterization surface soil samples exceed the maximum concentration for zinc recorded by the USGS within Polk County. One (1) site characterization surface soil sample (SS-03) exceeds the maximum concentration for calcium recorded by the USGS within Polk County. The USGS's maximum calcium concentration in Polk County is 2,580 mg/kg. One (1) site characterization surface soil sample (SS-07) exceeds the maximum iron concentration recorded by the USGS within Polk County. One (1) site characterization surface soil sample (SS-01) exceeds the maximum concentration for manganese recorded by the USGS within Polk County.

Sixteen (16) SVOCs were detected in site characterization surface soil samples. None of the site characterization sediment sample concentrations exceeded the residential soil or industrial soil RSLs.

No PCBs were detected in site characterization surface soil samples.

Subsurface Soil:

Six (6) site characterization subsurface soil samples were collected at the Street & Performance site. The concentrations of constituents detected in subsurface soil samples are tabulated and discussed in Section 7.0.

Twenty (20) metals were detected in site characterization subsurface soil samples. Five (5) site characterization subsurface soil samples have metal concentrations that exceed three (3) times the maximum background concentrations. All site characterization subsurface soil samples have arsenic concentrations above the residential soil RSL, with five (5) of these also exceeding the industrial soil RSL. All site characterization subsurface soil samples have metal concentrations that exceed PGSSLs.

Two (2) site characterization subsurface soil samples exceed the maximum concentration for copper recorded by the USGS within Polk County. One (1) site characterization subsurface soil sample (SBS-06) exceeds the maximum concentration of lead recorded by the USGS within Polk County. Two (2) site characterization subsurface soil samples exceed the maximum concentration for iron recorded by the USGS within Polk County.

Two (2) SVOCs were detected in site characterization subsurface soil samples. No SVOC concentrations exceed the residential soil or industrial soil RSLs.

No PCBs were detected in the site characterization subsurface soil samples.

4.4 Source Characterization Conclusions

DEQ collected a total of thirty-two (32) sediment, surface water, surface soil, and subsurface soil samples (including four [4] background and four [4] QA duplicate samples). The samples were collected from background stations and various on-site stations. As explained in Section 4.3.3, the sampling strategy was developed via the identification of two (2) AOCs.

The following conclusions can be drawn from each sampled medium:

Sediment

Chromium, copper, lead, nickel, zinc, and cobalt are present in sediment in concentrations exceeding three (3) times the maximum background concentrations.

Arsenic is present in sediment in concentrations exceeding the residential soil and industrial soil RSLs.

Beryllium, cadmium, and calcium were not detected in the background sediment sample, but were detected in site characterization sediment samples.

Chromium, copper, lead, nickel, zinc, barium, iron, and manganese are present in sediment in concentrations exceeding sediment ecological screening levels.

These analytical results show observed contamination or observed release.

Surface Water

No contaminants are present in surface water in concentrations exceeding three (3) times the maximum background concentrations.

No contaminants are present in surface water in concentrations exceeding fresh water RSLs.

No contaminants are present in surface water in concentrations exceeding the water ecological screening level.

These analytical results do not show observed contamination or observed release.

Surface Soil

Chromium, copper, lead, nickel, zinc, calcium, cobalt, iron, magnesium, and manganese are present in surface soil in concentrations exceeding three (3) times the maximum background concentrations.

Arsenic is present in surface soil in concentrations exceeding residential soil and industrial soil RSLs.

Concentrations of antimony, selenium, thallium, 1,4-Dioxane, 4-Chloroaniline, 2-Nitroaniline, 2,4-Dinitrophenol, 3-Nitroaniline, 4-Nitroaniline, 4-Nitrophenol, 4,6-Dinitro-2-methylphenol, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Bis(2-ethylhexyl)phthalate, Dibenzo(a,h)anthracene, Di-n-octylphthalate, Indeno[1,2,3-cd]pyrene, Hexachlorocyclopentadiene, and N-Nitroso-di-n propylamine were not detected in the background surface soil sample, but were detected in site characterization surface soil samples.

These analytical results show observed contamination or observed release.

Subsurface Soil

Chromium, copper, lead, nickel, zinc, barium, calcium, cobalt, magnesium, and sodium are present in subsurface soil in concentrations exceeding three (3) times the maximum background concentrations.

Arsenic is present in subsurface soil in concentrations exceeding the residential soil and industrial soil RSLs.

Arsenic, copper, lead, nickel, selenium, thallium, barium, cobalt, iron, and manganese are present in subsurface soil in concentrations exceeding PGSSLs.

Concentrations of selenium, silver, thallium, 1,4-Dioxane, and 4-Chloroaniline were not detected in the background subsurface soil sample, but were detected in site characterization subsurface soil samples.

These analytical results show observed contamination or observed release.

Table 4-1. Contaminants Detected in Background Samples and Maximum Contaminant Background Levels

Analyte	SDBK-01	SDBK-01 3X	SWBK-01	SWBK-01 3X	SSBK-01	SSBK-01 3X	SBSBK-01	SBSBK-01 3X	Residential Soil RSL	Industrial Soil RSL	Fresh Water RSL	PGSSL	Sediment Ecological Screening Level	Freshwater Ecological Screening Level
Priority Pollutant Metals:														
Arsenic	**5.60	16.8	U	U	**4.20	12.6	**^7.50	22.5	0.680	3.0	5.0	0.290	9.79	148
Beryllium	U	U	U	U	0.570	1.71	0.600	1.80	160	2,300	0.66	3.20	ND	3.6
Chromium	14.0	42.0	U	U	7.70	23.1	11.0	33.0	ND	ND	85.0	180,000	43.4	42.0
Copper	8.20	24.6	U	U	4.50	13.5	2.70	8.10	3,100	47,000	9.0	46.0	31.6	1.58
Lead	16.0	48.0	U	U	15.0	45.0	^14.0	42.0	400	800	2.5	14.0	35.8	1.17
Nickel	8.80	26.4	U	U	5.20	15.6	4.90	14.70	1,500	22,000	52.0	26.0	22.7	28.9
Zinc	51.0	153	U	U	45.0	135	18.0	54.0	23,000	350,000	120	370	121	65.7
Other TAL Metals:														
Aluminum	7,000	21,000	U	U	8,000	24,000	11,000	33,000	77,000	1,100,000	87.0	30,000	25,000	ND
Barium	^58.0	174	U	U	53.0	159	37.0	111	15,000	220,000	4.0	82.0	20.0	220
Calcium	U	U	5,400	16,200	210	630	200	600	ND	ND	116,000	ND	ND	ND
Cobalt	6.50	19.5	U	U	3.00	9.00	3.60	10.8	23.0	350	23.0	0.270	50.0	24.0
Iron	16,000	48,000	420	1,260	13,000	39,000	^26,000	78,000	55,000	820,000	300	350	20,000	ND
Magnesium	1,100	3,300	U	U	720	2,160	690	2,070	ND	ND	82,000	ND	ND	ND
Manganese	510	1,530	16.0	48.0	170	510	260	780	1,800	26,000	120	28.0	460	ND
Potassium	620	1,860	U	U	550	1,650	640	1,920	ND	ND	53,000	ND	ND	ND
Sodium	U	U	U	U	25.0	75.0	20.0	60.0	ND	ND	680,000	ND	ND	ND
Vanadium	15.0	45.0	U	U	13.0	39.0	23.0	69.0	390	5,800	20.0	86.0	ND	12.0

Notes: All soil concentration values provided in mg/kg; all water concentration values provided in µg/L
ND = Value has not been determined
U = Undetected
* = Concentration equals or exceeds the residential RSL (Region VI May 2021) or fresh water RSL (Region III July 2006)
** = Concentration equals or exceeds the residential and industrial RSLs (Region VI May 2021)
^ = Concentration equals or exceeds the ecological screening level (sediment or water) or PGSSL
Water ecological screening level (Region V August 2003)
Sediment ecological screening level (Region IV March 2018)

5.0 GROUNDWATER MIGRATION PATHWAY

A discussion of the groundwater pathway is provided in this section. The discussion focuses on the aquifer characteristics of the region, the likelihood of release of hazardous substances to groundwater, and the potential targets of hazardous waste migration through the groundwater pathway. Except as otherwise referenced, information presented in this section was obtained from the PA and the SI TWP.

5.1 Geology and Hydrogeology

Mena is located within the Ouachita Mountains physiographic province. The Ouachita Mountains are made up of complexly folded and faulted Paleozoic age sedimentary rocks that were originally deposited in mostly deep marine environments. A structural fabric that trends more or less east-west was produced by a continental collision during the late Paleozoic that pushed up this region. The folding was intricate at all scale levels and several local sequences, both complete and partial, are overturned. Throughout the area, compressional faulting is commonly expressed in the sequence. The Ouachita province, in a general sense, can be considered an anticlinorium with late Cambrian and early Ordovician age deposits being exposed in the center and Mississippian and Pennsylvanian age sediments exposed around the margins. The Gulf Coastal Plain and Mississippi Embayment cut off the area to the east.

The Street & Performance site is located within the Stanley Shale formation of the Ouachita Mountains physiographic province. The Stanley Shale formation is composed of dark gray shale interbedded with fine-grained sandstone. The Hot Springs Sandstone, a thick sandstone member, is found near the base of the sequence and an equivalent thin conglomerate/breccia occurs at the base of the unit in many other places. In various parts of the sequence, minor amounts of tuff, chert, and conglomerate have also been noted. The silty sandstones outside the Hot Springs Member are normally found in thin to massive beds separated by thick intervals of shale. The tuffs seem to be restricted to the lower part of the Stanley. Cherts are sometimes found in the middle and upper parts of the formation. The total thickness of the Stanley Shale formation ranges from 3,500 to over 10,000 feet thick.

The Ouachita Mountains aquifer lies under the Street & Performance site. This aquifer has a north-to-south width of eighty (80) miles along the Arkansas-Oklahoma State line but progressively narrows eastward. The Ouachita Mountains aquifer consists mostly of shale, sandstone, and chert beds of Cambrian to Pennsylvanian age, all of which were deposited in deep-marine water conditions. The Ouachita Mountains are topographically characterized by alternating mountains and intermontane valleys to the north and a southernmost piedmont area. Bedrock units that underlie the Ouachita Mountains have been thrust faulted, are highly folded, and contain overturned formations. The piedmont area is underlain by shale and sandstone and borders the Coastal Plain in southwestern Arkansas. The surface of the area is generally flat to gently rolling but contains a series of low ridges and swells that strike east to west. High-permeability fracture zones in the Ouachita Mountains commonly form along bedding-plane partings, but are best developed where folding has caused differential movement along contacts between shale and sandstone beds. Fault zones, which often

contain milky quartz veins, also function as local conduits for groundwater flow within the Ouachita Mountains aquifer.

5.2 Likelihood of Release

Important factors related to the likelihood of a release from source hazardous substances at the site to groundwater are presented in this subsection.

5.2.1 Depth to Groundwater

Groundwater in the vicinity of the Street & Performance site is believed to flow northeast toward Prairie Creek and the Ouachita River, with groundwater elevations influenced by topography.

A search of the USGS National Water Information System identified one (1) well within a 4-mile radius of the Street & Performance site. The static groundwater elevations for this well ranged from 1.63 feet bgs at the shallowest to 13.32 feet bgs at the deepest.

A radius search conducted using the Arkansas Natural Resource Commission (ANRC) Well Construction and Pump Installation Database indicated that five (5) groundwater wells are located within a 1-mile radius and ninety-six (96) groundwater wells are located within a 4-mile radius of the Street & Performance site. The well depths recorded within a 4-mile radius range from five (5) to 310 feet bgs. The majority of these wells were for domestic uses or unknown uses, and a small number were recorded as monitoring wells. No domestic wells within a 4-mile radius of the Street & Performance site were recorded as drinking water wells on the ANRC Well Construction and Pump Installation Database.

The residents of Mena are served by Mena Water Utilities. The source of water for Mena Water Utilities is surface water, not groundwater. Mena Water Utilities gets its water from an intake in Irons Fork Reservoir located approximately 7.3 miles northeast of the Street & Performance site. In addition, there are ANRC domestic groundwater wells within a 4-mile radius of the Street & Performance site; however, none were recorded as drinking water wells.

5.2.2 Depth of Contamination

All subsurface soil samples were collected from depths ranging from six (6) to eighteen (18) inches bgs. Minor subsurface soil contamination was documented throughout the site. Analytical results of samples collected at six (6) inches or deeper at this site are discussed in Section 7.0, Soil Exposure and Subsurface Intrusion Pathway.

5.2.3 Net Precipitation

Net precipitation is equivalent to total annual precipitation less potential evapotranspiration. According to the HRS, the net precipitation factor value for the Street & Performance site is 6 (Ref. 5).

5.2.4 Thickness of Impermeable Layers

The Stanley Shale formation is composed of dark gray shale interbedded with fine-grained sandstone. The total thickness of the Stanley Shale Formation ranges from 3,500 feet to over 10,000 feet.

5.2.5 Hydraulic Conductivity of Impermeable Layer

The conductivity of shale is 10^{-8} (cm/sec).

5.2.6 Analytical Results from Previous Investigations

No analytical results from previous groundwater investigations could be found for this SI.

5.2.7 SI Groundwater Sampling and Analytical Results

No groundwater samples were collected as part of this SI because no monitoring wells are located on the Street & Performance site.

5.2.8 SI Subsurface Soil Sampling Analytical Results

As described in Section 4.3.3, a judgmental, or biased, sampling design was used to select the subsurface soil sampling locations. The PA identified multiple potential sources, and the SI TWP designated two AOCs at the Street & Performance site. All subsurface soil samples were collected from one of the two AOCs.

A total of seven (7) subsurface soil samples, including one (1) duplicate and one (1) background, were collected at the site to address AOC 1 – Manufacturing Area, as described in Section 4.3.3. The background subsurface soil sample (SBSBK-01) was collected approximately 0.3 miles southwest and upgradient of the Street & Performance site, in an open vegetated field. In SBSBK-01, arsenic exceeds the residential soil and industrial soil RSLs. In addition, the concentrations of arsenic, lead, and iron in SBSBK-01 exceed their respective PGSSLs.

All of the subsurface soil samples were collected from on-site stations. The locations of subsurface soil samples were selected to determine the vertical extent and source concentrations of hazardous substances on-site.

SBS-01 was collected from near the metal-sided shed. SBS-02 was collected within two (2) feet of the southeast portion of the South Building. SBS-03 was collected from a low-lying area on the southeast portion of the site, between a former waste pile and Prairie Creek. SBS-04 and SBS-05 are duplicates and were collected from the east side of the former waste pile on the east portion of the site. SBS-06 was collected within two (2) feet of the north side of the North Building.

Of the six (6) site characterization subsurface soil samples, one (1) field duplicate sample was collected for QA/QC purposes. This sample was not assigned an ID prefix or otherwise made distinguishable to the laboratory as a duplicate sample. In all cases, the subsurface soil samples were collected from depths ranging from six (6) to eighteen (18) inches bgs. The SI site characterization subsurface soil sample stations are shown on Figure 3-1, following the text of Section 3.0.

Laboratory analytical data revealed the presence of metals in various subsurface soil samples.

Analytes detected at concentrations exceeding the PGSSLs were as follows:

- Arsenic
- Copper
- Lead
- Nickel
- Selenium
- Thallium
- Barium
- Cobalt
- Iron
- Manganese

The remainder of this subsection summarizes exceedances of PGSSLs by analyte type.

Priority Pollutant Metals

Arsenic exceeds the PGSSL in the following subsurface soil samples:

AOC 1 – SBS-01; SBS-02; SBS-03; SBS-04; SBS-05; SBS-06

Copper exceeds the PGSSL in the following subsurface soil sample:

AOC 1 – SBS-06

Lead exceeds the PGSSL in the following subsurface soil samples:

AOC 1 – SBS-01; SBS-04; SBS-05; SBS-06

Nickel exceeds the PGSSL in the following subsurface soil samples:

AOC 1 – SBS-05; SBS-06

Selenium exceeds the PGSSL in the following subsurface soil samples:

AOC 1 – SBS-04; SBS-05; SBS-06

Thallium exceeds the PGSSL in the following subsurface soil samples:

AOC 1 – SBS-06

Other TAL Metals

Barium exceeds the PGSSL in the following subsurface soil samples:

AOC 1 – SBS-04

Cobalt exceeds the PGSSL in the following subsurface soil samples:

AOC 1 – SBS-01; SBS-02; SBS-03; SBS-04; SBS-05; SBS-06

Iron exceeds the PGSSL in the following subsurface soil samples:

AOC 1 – SBS-01; SBS-02; SBS-03; SBS-04; SBS-05; SBS-06

Manganese exceeds the PGSSL in the following subsurface soil samples:

AOC 1 – SBS-01; SBS-02; SBS-03; SBS-04; SBS-05; SBS-06

Section 7.0, Soil Exposure and Subsurface Intrusion Pathway, contains additional information regarding subsurface soil sampling and analytical results.

Table 5-1 summarizes the analytes detected in subsurface soil samples. For comparison purposes, PGSSLs, soil RSLs and three (3) times the background concentrations are also included in the table.

5.3 Groundwater Migration Pathway Targets

The potential receptors, or targets, of the groundwater migration pathway include the population and resources which rely on local aquifers as a source of water supply. The targets identified for the groundwater pathway are discussed in the following subsections.

5.3.1 Nearest Wells

According to the ANRC well construction database, no wells are located within a 0.50-mile radius of the Street & Performance site. Five (5) wells are located within a 1.0-mile radius of the Street & Performance site. Three (3) of these wells are listed as domestic; two (2) do not have a listed use.

5.3.2 Wellhead Protection Areas

The Wellhead Protection Program is designed to assist states in the protection of groundwater supplies to public water systems against contamination that could adversely affect human health. The Mena Water Department sources its water from Irons Fork Reservoir, not groundwater. Therefore, there are no Wellhead Protection Areas within a 4-mile radius of the Street & Performance site.

5.3.3 Groundwater Resources

According to the ANRC well construction database, five (5) wells are located within a 1-mile radius of the Street & Performance site. Three (3) of these wells are listed as domestic; two (2) do not have a listed use. Ninety-six (96) groundwater wells are located within a 4-mile radius of the Street & Performance site. Well depths ranged from five (5) feet to 310 feet bgs. The static water level in these wells ranged from zero (0) to 160 feet bgs.

Of the ninety-six (96) ANRC wells recorded within a 4-mile radius, fifty-five (55) were listed as domestic wells, two (2) were listed as monitoring wells, two (2) were listed as test wells, one (1) was listed as an irrigation well, one (1) was listed as a public supply well, and thirty-four (34) had no listed use.

5.4 Groundwater Migration Pathway Conclusions

A release to groundwater has not been documented at the Street & Performance site because groundwater sampling was not performed as part of this SI; however, subsurface soil sampling was performed and minor contamination was discovered. In particular, some analytes exceeded PGSSLs and therefore, could potentially create a pathway for groundwater contamination. Subsurface soil is discussed in more detail in Section 7.0, Soil Exposure and Subsurface Intrusion Pathway.

The residents of Mena are served by Mena Water Utilities. The source of water for Mena Water Utilities is surface water, not groundwater. Mena Water Utilities sources its water from an intake in Irons Fork Reservoir located approximately 7.3 miles northeast of the Street & Performance site. In addition, there are ANRC domestic groundwater wells within a 4-mile radius of the Street & Performance site; however, none were recorded as drinking water wells.

According to the ANRC well construction database, no wells are located within a 0.50-mile radius of the Street & Performance site. Five (5) wells are located within a 1.0-mile radius of the Street & Performance site. Three (3) of these wells are listed as domestic; two (2) do not have a listed use. There are no Wellhead Protection Areas within a 4-mile radius of the Street & Performance site.

A release to groundwater is of minor concern due to few potential groundwater migration pathway targets and the low potential for releases to have occurred based on subsurface sampling results.

Table 5-1. Contaminants Detected in Subsurface Soil Samples

Analyte	SBS-01	SBS-02	SBS-03	SBS-04	SBS-05	SBS-06	Residential RSL	Industrial RSL	PGSSL	3X BKND Level
Priority Pollutant Metals:										
Arsenic	**^^3.60	*^2.60	**^4.60	**^5.60	**^9.10	**^6.70	0.68	3.0	0.290	22.5
Beryllium	0.50	0.280	0.690	1.10	1.60	1.50	160	2,300	3.20	1.80
Chromium	8.80	13.0	21.0	16.0	23.0	**45.0**	ND	ND	180,000	33.0
Copper	4.50	**25.0**	**9.0**	**24.0**	**36.0**	*^2,900	3,100	47,000	46.0	8.10
Lead	**^14.0**	10.0	13.0	**^22.0**	**^26.0**	**48.0**	400	800	14.0	42.0
Nickel	13.0	10.0	13.0	**22.0**	**^45.0**	**^700**	1,500	22,000	26.0	14.7
Selenium	U	U	U	**^0.990**	**^0.900**	**^0.660**	390	5,800	0.260	U
Silver	U	U	U	U	U	0.130	390	5,800	ND	U
Thallium	U	U	U	U	U	**^0.590**	0.780	12.0	0.140	U
Zinc	21.0	51.0	34.0	43.0	**100**	**180**	23,000	350,000	370	54.0
Other TAL Metals:										
Aluminum	7,400	4,900	8,500	11,000	18,000	17,000	77,000	1,100,000	30,000	33,000
Barium	60.0	27.0	56.0	**^130**	57.0	47.0	15,000	220,000	82.0	111
Calcium	99.0	**720**	270	290	150	410	ND	ND	ND	600
Cobalt	**^5.30**	**^3.60**	**^6.10**	**^9.0**	**^22.0**	*^27.0	23.0	350	0.270	10.8
Iron	**^9,900**	**^8,300**	**^20,000**	**^21,000**	**^42,000**	**^40,000**	55,000	820,000	350	78,000
Magnesium	550	520	1,400	1,300	**2,700**	2,000	ND	ND	ND	2,070
Manganese	**^370**	**^150**	**^310**	**^460**	**^320**	**^500**	1,800	26,000	28.0	780
Potassium	440	310	510	640	1,300	1,300	ND	ND	ND	1,920
Sodium	25.0	U	23.0	**84.0**	58.0	33.0	ND	ND	ND	60.0
Vanadium	14.0	9.60	17.0	22.0	22.0	22.0	390	5,800	86.0	69.0
SVOCs:										
1,4-Dioxane	0.0740	0.0760	U	0.0840	U	U	5.30	24.0	ND	U
4-Chloroaniline	0.360	U	0.360	0.410	0.390	0.380	2.70	11.0	ND	U

Notes: All concentration values provided in mg/kg
Shading = Concentration equals or exceeds three times the background level
ND = Value has not been determined
U = Undetected
* = Concentration equals or exceeds the residential RSL (Region VI May 2021)
** = Concentration equals or exceeds the residential and industrial RSLs (Region VI May 2021)
^ = Concentration equals or exceeds the PGSSL (Region VI May 2018)
SBS-04 and SBS-05 are duplicates.

6.0 SURFACE WATER MIGRATION PATHWAY

Surface water migration is the second of four (4) pathways of potential hazardous waste migration assessed for the site. A discussion of the types of surface water draining the site, the PPEs for hazardous substances from the site to enter surface water, the likelihood of release, and the potential targets of the pathway are discussed in this section. Except as otherwise referenced, information presented in this section, other than section 6.2.6 and 6.2.7, was obtained from the PA and the SI TWP.

6.1 Hydrologic Setting

Information regarding the surface water conditions at the site is summarized in this subsection.

6.1.1 Overland Flow Segment

The areas surrounding the Street & Performance site slope generally south-southeast toward Prairie Creek.

According to Google Earth Pro, the site is relatively flat with minor changes in elevation. The center of the site is approximately 1,025 feet above the mean sea level.

6.1.2 Probable Points of Entry

The site has one (1) PPE. The PPE is located on the southeast corner of the site, where Prairie Creek flows east off-site.

6.1.3 Surface Water Flow Path

Surface water runoff flows directly into Prairie Creek along the south site boundary and into unnamed drainage that runs throughout the site eventually flowing into Prairie Creek. Prairie Creek flows east along the south site boundary, eventually reaching the Ouachita River approximately 5.51 miles downstream from the Street & Performance site. The 15-mile Target Distance Limit (TDL) is estimated to occur in the Ouachita River. These surface water features are illustrated on **Figure 6-1** following the text of this section.

6.2 Likelihood of Release

Important factors related to the likelihood of a release from a source of hazardous substances at the site to surface water are presented in the following subsections. Relevant analytical data from the surface water pathway is provided as evidence of the presence of contamination.

6.2.1 Distance to Surface Water

Two (2) AOCs were identified during the PA investigation and were included in the SI TWP: the Manufacturing Area (AOC 1) and Drainage Ditches and Prairie Creek

(AOC 2). AOC 2 encompasses a portion of Prairie Creek, which is also the closest eligible surface water body. Therefore, for the purpose of this SI Report, the shortest distance from a known or potential source of hazardous substances at the site calculated from a PPE to an HRS eligible surface water body is 0 feet.

6.2.2 Flood Frequency

A portion of the Street & Performance site is situated within the 100-year floodplain.

6.2.3 2-Year 24-Hour Rainfall

The 2-Year 24-Hour Rainfall for the vicinity of the site is approximately 4.0 to 4.5 inches (Ref. 6).

6.2.4 Flood Containment

Based on the results of DEQ's on-site reconnaissance and field sampling activities, the site and potential sources at the site are not contained against floods.

6.2.5 Analytical Results from Previous Investigations

Surface water migration pathways have not been previously investigated at this site; therefore, there were no historical analytical results to consider during this SI.

6.2.6 SI Sediment Sampling and Analytical Results

As described in Section 4.3.3, a judgmental, or biased, sampling design was used to select the sediment sampling locations. The PA identified multiple potential sources, and the SI TWP designated two (2) AOCs. All sediment samples were collected in one (1) of the two (2) AOCs.

A total of eleven (11) sediment samples, including one (1) background sample and one (1) QA duplicate samples, were collected to address AOC 2 – Drainage Ditches and Prairie Creek, as described in Section 4.3.3. The background sediment sample (SDBK-01) was collected approximately 0.1 miles west and upgradient from the Street & Performance site along Prairie Creek. In SDBK-01, arsenic exceeds the residential soil and industrial soil RSLs, but does not exceed the mean concentration for arsenic recorded by the USGS within Polk County. In addition, the concentration of barium in SDBK-01 exceeds the sediment ecological screening level.

Sediment sample SD-01 was collected from an area along Prairie Creek in the southeast portion of the site. SD-02 was collected from an area along Prairie Creek in the south portion of the site. SD-03 was collected from an area along Prairie Creek in the southwest portion of the site. SD-04 was collected from an area along Prairie Creek near the west site boundary. SD-05 and SD-06 were collected from separate areas along the drainage ditch at the west site boundary. SD-07 is a duplicate of SD-

06 and was also collected from an area along the drainage ditch at the west site boundary.

Of the ten (10) site characterization sediment samples, one (1) field duplicate sample was collected for QA/QC purposes. The field duplicate sediment sample was not assigned ID prefixes or otherwise made distinguishable to the laboratory as a duplicate sample. In all cases, the sediment samples were collected from depths ranging from zero (0) to six (6) inches bgs. The SI sediment sample stations are shown on Figure 3-1 and Figure 3-2, following the text of Section 3.0.

Laboratory analytical data revealed the presence of metals in various sediment samples.

Analytes detected at concentrations exceeding three (3) times the maximum background concentrations are as follows:

- Chromium
- Copper
- Lead
- Nickel
- Zinc
- Cobalt

Analytes detected at concentrations exceeding residential soil and/or industrial soil RSLs are as follows:

- Arsenic
- Cobalt

Analytes detected at concentrations exceeding sediment ecological screening levels are as follows:

- Chromium
- Copper
- Lead
- Nickel
- Zinc
- Barium
- Iron
- Manganese

All of the site characterization sediment samples have arsenic concentrations above the residential soil RSL, with seven (7) of these sediment samples (SD-01, SD-03, SD-04, SD-05, SD-06, SD-07, and SD-09) also exceeding the industrial soil RSL. However, none of the sediment sample arsenic concentrations exceeded the maximum concentration for arsenic recorded by the USGS within Polk County.

Six (6) site characterization sediment samples (SD-05, SD-06, SD-07, SD-08, SD-09 and SD-10) exceed the maximum concentration for copper recorded by the USGS within Polk County. Four (4) site characterization sediment samples (SD-05, SD-06, SD-07, and SD-08) exceed the maximum concentration for lead recorded by the USGS within Polk County. One (1) site characterization sediment sample (SD-05) exceeds the maximum concentration for zinc recorded by the USGS within Polk

County. One (1) site characterization sediment sample (SD-05) exceeds the maximum concentration for manganese recorded by the USGS within Polk County.

Concentrations of beryllium, cadmium, and calcium were detected in site characterization sediment samples, but were not detected in the background sediment sample. These analytes being detected in site characterization sediment samples but not in the background sediment sample indicates an observed release.

The remainder of this subsection summarizes significant results by analyte type.

Priority Pollutant Metals

Arsenic exceeds the residential and/or industrial soil RSLs in the following sediment samples:

AOC 2 – SD-01; SD-02; SD-03; SD-04; SD-05; SD-06; SD-07; SD-08; SD-09; SD-10

Chromium exceeds three (3) times the maximum background concentration in the following sediment samples:

AOC 2 – SD-08; SD-10

Chromium exceeds the sediment ecological screening level in the following sediment samples:

AOC 2 – SD-08; SD-10

Copper exceeds three (3) times the maximum background concentration in the following sediment samples:

AOC 2 – SD-05; SD06; SD-07; SD-08; SD-09; SD-10

Copper exceeds the sediment ecological screening level in the following sediment samples:

AOC 2 – SD-05; SD06; SD-07; SD-08; SD-09; SD-10

Lead exceeds three (3) times the maximum background concentration in the following sediment samples:

AOC 2 – SD-05; SD-06; SD-07; SD-08

Lead exceeds the sediment ecological screening level in the following sediment samples:

AOC 2 – SD-05; SD-06; SD-07; SD-08

Nickel exceeds three (3) times the maximum background concentration in the following sediment samples:

AOC 2 – SD-08; SD-10

Nickel exceeds the sediment ecological screening level in the following sediment samples:

AOC 2 – SD-05; SD-08; SD-10

Zinc exceeds three (3) times the maximum background concentration in the following sediment samples:

AOC 2 – SD-05; SD-07; SD-10

Zinc exceeds the sediment ecological screening level in the following sediment samples:

AOC 2 – SD-05; SD-06; SD-07; SD-10

Other TAL Metals

Barium exceeds the sediment ecological screening level in the following sediment samples:

AOC 2 – SD-01; SD-02; SD-03; SD-04; SD-05; SD-06; SD-07; SD-08; SD-09; SD-10

Cobalt exceeds three (3) times the maximum background concentration in the following sediment sample:

AOC 2 – SD-10

Cobalt exceeds the residential soil RSLs in the following sediment samples:

AOC 2 – SD-10

Iron exceeds sediment ecological screening level in the following sediment samples:

AOC 2 – SD-01; SD-03; SD-04; SD-10

Manganese exceeds sediment ecological screening level in the following sediment samples:

AOC 2 – SD-03; SD-04; SD-05; SD-06; SD-07

Table 6-1 provides the sediment sample analytical results. For comparison purposes, soil RSLs, sediment ecological screening levels, and three (3) times the maximum background concentrations are also included in the table.

6.2.7 SI Surface Water Sampling and Analytical Results

As described in Section 4.3.3, a judgmental, or biased, sampling design was used to select the surface water sampling locations. The PA identified multiple potential sources, and the SI TWP designated two AOCs. All surface water samples were collected in one (1) of the two (2) AOCs.

A total of three (3) surface water samples, including one (1) background sample and one (1) QA duplicate sample, were collected to address AOC 2 – Drainage Ditches and Prairie Creek, as described in Section 4.3.3. The background surface water sample (SWBK-01) was collected approximately 0.1 miles west and upgradient of the Street & Performance site, along Prairie Creek. Surface water samples SW-02 and SW-03 are duplicates and were collected along Prairie Creek near the west site boundary.

Of the three (3) site characterization surface water samples, one (1) field duplicate sample was collected for QA/QC purposes. The surface water sample was not assigned an ID prefix or otherwise made distinguishable to the laboratory as a duplicate sample. In all cases, the surface water samples were collected directly into the sample containers. The SI surface water sample stations are shown on Figure 3-1 following the text of Section 3.0.

Laboratory analytical data revealed the presence of metals in surface water samples, but no concentrations exceeded three (3) times the maximum background concentrations or the freshwater RSL.

Table 6-2 provides the surface water sample analytical results. For comparison purposes, fresh water RSLs, water ecological screening levels, and three (3) times the background concentrations are also included in the table.

6.3 Surface Water Migration Pathway Targets

The surface water pathway targets are summarized in the following subsections.

6.3.1 Drinking Water Intakes

The residents of Mena are served by Mena Water Utilities. Mena Water Utilities gets its water from surface water; however, the intake is located in Irons Fork Reservoir

which is approximately 7.3 miles northeast and upstream of the Street & Performance site.

6.3.2 Wetlands and Other Sensitive Environments

According to the file review conducted by the Arkansas Natural Heritage Commission (ANHC) for the Street & Performance site, no occurrences of an element of special concern have been recorded within a 1-mile radius of the site. Thirty-eight (38) occurrences of elements of special concern have been recorded within a 4-mile radius of the site. The Ozark Pigtoe, Arkansas Fatmucket, Mena Crayfish, Purple Lilliput, Lilliput, Tapered Pondhorn, little spectaclecase, Ringed Salamander, and Wolf's spikerush are aquatic elements of special concern within a 4-mile radius of the site. A total of 530 occurrences of elements of special concern have been recorded within a 15-mile radius of the site.

The EPA National Environmental Policy Act (NEPA) website (Ref. 7), NEPAssist, was accessed to obtain surface water migration target information. According to NEPAssist, the nearest wetland area is Prairie Creek, which is classified as a lower perennial riverine wetland. After Prairie Creek flows into the Ouachita River approximately 5.51 miles downstream, there are several Freshwater Emergent Wetland areas and numerous Freshwater Forested/Shrub Wetland areas along Ouachita River and within the site's 15-mile TDL.

6.3.3 Fisheries

No public fishing areas are located within the site's 15-mile TDL.

6.3.4 Resources

According to DEQ's 2018 Integrated Water Quality Monitoring Assessment Report, the Street & Performance site is located in Segment 2F.

The Street & Performance site is located in the Ouachita River Headwaters watershed. Prairie Creek is designated as suitable for primary and secondary contact recreation, and for public, industrial, and agricultural water supplies. However, a 10-mile stretch of Prairie Creek located downstream from the Street & Performance site is designated as impaired and is not suitable for the propagation of fish and wildlife. Impairment is due to high turbidity from surface erosion. The portion of the Ouachita River located within the site's 15-mile TDL is suitable for the propagation of fish and wildlife, for primary and secondary contact recreation, and for public, industrial, and agricultural water supplies.

6.4 Surface Water Migration Pathway Conclusions

A release of hazardous substances to the surface water pathway has been documented in sediment analytical results.

Chromium, copper, lead, nickel, zinc, and cobalt are present in sediment in concentrations exceeding three (3) times the background concentrations.

Arsenic is present in sediment in concentrations exceeding the residential soil and industrial soil RSLs. Cobalt is present in one (1) sediment sample at a concentration exceeding the residential soil RSL.

Chromium, copper, lead, nickel, zinc, barium, iron, and manganese are present in sediment in concentrations exceeding sediment ecological screening levels.

Six (6) site characterization sediment samples exceed the maximum concentration for copper recorded by the USGS within Polk County. Four (4) site characterization sediment samples exceed the maximum concentration for lead recorded by the USGS within Polk County. One (1) site characterization sediment sample (SD-05) exceeds the maximum concentration for zinc recorded by the USGS within Polk County. One (1) site characterization sediment sample (SD-05) exceeds the maximum concentration for manganese recorded by the USGS within Polk County.

Concentrations of beryllium, cadmium, and calcium were not detected in the background sediment sample, but were detected in site characterization sediment samples.

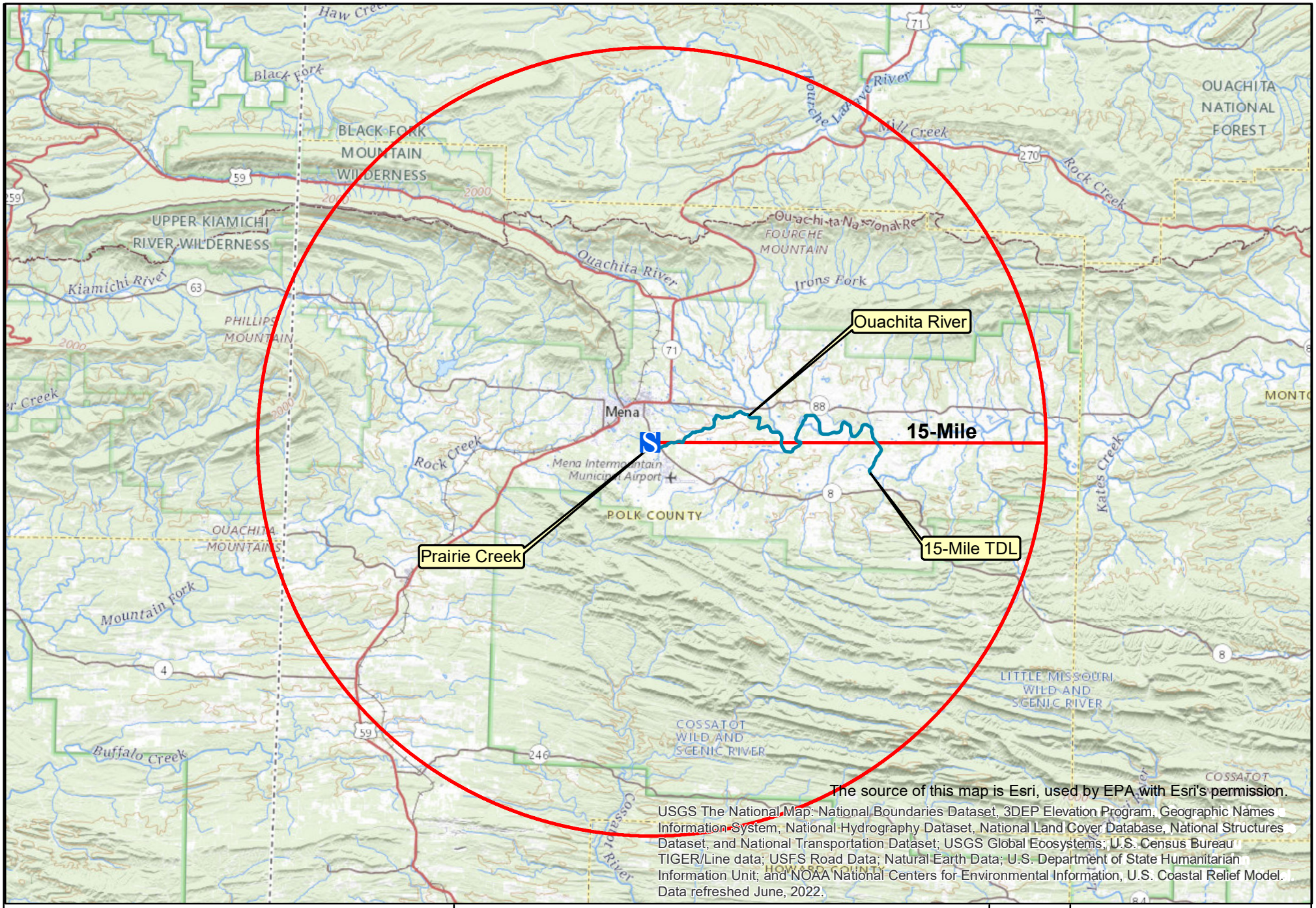
Table 6-1. Contaminants Detected in Sediment Samples

Analyte	SD-01	SD-02	SD-03	SD-04	SD-05	SD-06	SD-07	SD-08	SD-09	SD-10	Residential Soil RSL	Industrial Soil RSL	3X BKND Level	Sediment Ecological Screening Level
Priority Pollutant Metals:														
Arsenic	**7.70	*2.80	**5.10	**8.50	**4.80	**6.10	**5.50	*2.50	**5.50	*2.60	0.68	3.0	16.8	9.79
Beryllium	0.940	U	0.930	0.960	U	U	U	U	U	1.00	160	2,300	U	ND
Cadmium	U	U	U	U	U	U	U	0.590	U	U	71.1	980	U	0.990
Chromium	29.0	10.0	24.0	24.0	23.0	22.0	20.0	^120	32.0	^71.0	ND	ND	42.0	43.4
Copper	11.0	4.70	6.90	14.0	^57.0	^54.0	^56.0	^990	^100	^980	3,100	47,000	24.6	31.6
Lead	17.0	11.0	14.0	19.0	^40.0	^100	^89.0	^62.0	9.10	30.0	400	800	48.0	35.8
Nickel	15.0	6.40	11.0	21.0	^24.0	20.0	21.0	^260	21.0	^250	1,500	22,000	26.4	22.7
Zinc	66.0	21.0	29.0	77.0	^360	^150	^170	76.0	21.0	^250	23,000	350,000	153	121
Other TAL Metals:														
Aluminum	9,500	6,300	11,000	12,000	9,400	9,600	9,000	6,700	4,700	12,000	77,000	1,100,000	21,000	25,000
Barium	^58.0	^40.0	^66.0	^87.0	^130	^120	^120	^23.0	^29.0	^110	15,000	220,000	174	20.0
Calcium	590	U	U	1,400	2,900	2,400	3000	U	U	840	ND	ND	U	ND
Cobalt	9.20	U	8.30	13.0	11.0	8.80	7.70	5.70	U	*23.0	23.0	350	19.5	50.0
Iron	^29,000	13,000	^24,000	^29,000	17,000	18,000	15,000	18,000	15,000	^23,000	55,000	820,000	48,000	20,000
Magnesium	2,100	860	1,500	3,000	1,400	1,200	1,100	1,400	U	2,400	ND	ND	3,300	ND
Manganese	410	330	^520	^630	^1,500	^1,100	^860	310	170	440	1,800	26,000	1,530	460
Potassium	750	U	U	830	970	920	910	U	U	1,200	ND	ND	1,860	ND
Vanadium	22.0	12.0	21.0	20.0	19.0	22.0	20.0	12.0	21.0	18.0	390	5,800	45.0	ND

Notes: All concentration values provided in mg/kg
Shading = Concentration equals or exceeds three times the maximum background level
ND = value has not been determined
U = Undetected
* = Concentration equals or exceeds the residential RSL (Region VI November 2021)
** = Concentration equals or exceeds the residential and industrial RSLs (Region VI November 2021)
^ = Concentration equals or exceeds sediment ecological screening level (Region IV March 2018)
SD-06 and SD-07 are duplicates.

Table 6-2. Contaminants Detected in Surface Water Samples						
Analyte	**SW-01**	**SW-02**	**SW-03**	**Freshwater RSL**	**3X BKND Level**	**Freshwater Ecological Screening Level**
Other TAL Metals:						
Calcium	5,500	5,300	5,300	116,000	16,200	ND
Iron	430	390	410	1,000	1,260	ND
Manganese	16.0	20.0	17.0	120	48.0	ND

Notes: All concentration values provided in μg/L
Shading = Concentration equals or exceeds three times the background level
ND = Value has not been determined
U = Undetected
* = Concentration equals or exceeds the fresh water RSL (Region III July 2006)
^ = Concentration equals or exceeds water ecological screening level (Region V August 2003)
SW-02 and SW-03 are duplicates



The source of this map is Esri, used by EPA with Esri's permission.

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road Data; Natural Earth Data; U.S. Department of State Humanitarian Information Unit; and NOAA National Centers for Environmental Information, U.S. Coastal Relief Model. Data refreshed June, 2022.

Street & Performance
15-Mile Radius and 15-Mile TDL
Figure 3-2

Legend:

Site Location

0 1.25 2.5 5 Miles

N

AFIN: 57-00259

15-Mile Radius and 15-Mile TDL	
Location:	*Mena, Arkansas*
County:	*Polk*
Date:	*September 2023*

7.0 SOIL EXPOSURE AND SUBSURFACE INTRUSION PATHWAY

The SESSI pathway is the third of four (4) pathways of potential hazardous waste migration assessed for the site. The discussion in this section focuses on soil exposure factors such as soil type, area of contamination, accessibility and the likelihood of exposure, and potential targets. Except as otherwise referenced, information for all subsections other than 7.2.4 was obtained from the PA and the SI TWP.

7.1 Surficial Conditions

Information regarding the surficial conditions at the site is summarized in this subsection.

7.1.1 Soil Type

According to the Natural Resources Conservation Service (NRCS) Web Soil Survey for Polk County, Arkansas, the soil map unit composition for the Street & Performance site is comprised primarily of the following soils:

Kenn-Ceda complex, zero (0) to three (3) percent slopes, frequently flooded; and
Wetsaw Loam, one (1) to six (6) percent slopes.

Descriptions of these soils are summarized below:

Kenn-Ceda complex, zero (0) to three (3) percent slopes, frequently flooded

This well-drained soil is found in narrow flood plains in mountainous areas. Most areas are long and narrow in shape, and limited in acreage. These areas are predominantly used for woodlands and wildlife. This soil is comprised of approximately sixty (60) percent Kenn and similar soils, thirty (30) percent Ceda and similar soils, and ten (10) percent minor soils. The typical profile of Kenn soils is as follows: the surface layer is typically dark yellowish brown cobbly fine sandy loam approximately zero (0) to eight (8) inches thick; the subsoil consists of strong brown clay loam that extends to approximately thirty-nine (39) inches bgs, and brown very gravelly clay loam that extends to approximately fifty-one (51) inches bgs; and the underlying material is brown extremely cobbly loam that extends to approximately seventy-two (72) inches bgs. The typical profile of Ceda soils is as follows: the surface layer is typically dark brown very cobbly fine sandy loam approximately zero (0) to six (6) inches thick; the subsoil consists of brown very gravelly fine sandy loam that extends to approximately (20) inches bgs, dark yellowish brown extremely gravelly loam that extends to approximately thirty-nine (39) inches bgs, and dark yellowish brown extremely cobbly fine sandy loam that extends to approximately sixty-five (65) inches bgs. Available water capacity is high for Kenn soils and low for Ceda soils. Permeability is moderate for Kenn soils and rapid for Ceda soils. Surface runoff ranges from negligible to medium. The soil ranges from slightly acidic to very strongly acidic.

Wetsaw Loam, one (1) to six (6) percent slopes

This soil is found on stream terraces, mainly in the northern part of the county. Areas of this soil are predominantly used for pasture and hayland. The surface layer is typically brown loam approximately (0) to (6) inches thick. The subsurface layer consists of yellowish brown loam that extends to approximately fourteen (14) inches bgs. The subsoil consists of yellowish brown loam that extends to approximately twenty (20) inches bgs, yellowish brown mottled clay loam that extends to approximately thirty-four (34) inches bgs, yellowish brown and light brownish gray mottled clay loam that extends to approximately forty-four (44) inches bgs, and yellowish brown and light gray mottled gravelly clay loam that extends to approximately seventy (70) inches bgs. Available water capacity is very high and permeability is slow. Surface runoff ranges from low to medium. This soil ranges from moderately acidic to very strongly acidic, except for areas where amendments have been applied.

7.1.2 Areas of Contamination

Based on the analytical results presented in Section 4.0 and later discussed in Section 7.2.4 and Section 7.2.5, areas of surface and subsurface soil contamination have been identified.

7.2 Likelihood of Release

Important factors related to the likelihood of exposure to an area of contaminated soil at the site are presented in the following subsections.

7.2.1 Attractiveness of the Site

No recreational areas are located on or near the site.

7.2.2 Site Accessibility

The Street & Performance site is situated in a mixed residential and commercial area on an approximate 4.96-acre lot in Mena, Polk County, Arkansas. The site is bordered by an open vegetated field to the north; a wooded area to the east; Prairie Creek, a residence and an unidentified commercial facility to the south; and Highway 375 and an open vegetated field to the west.

The Street & Performance site is not fenced, making it easily accessible to trespassers. A concrete entrance driveway is located on the west side of the site.

7.2.3 Soil Analytical Results from Previous Investigations

Soil and sediment sampling was conducted at the site in 2010 pursuant to CAO LIS 08-040, which was issued based on the violations described in Section 2.3.1 of this report. Agreement #15 in the CAO required Street & Performance to perform sampling to determine the horizontal and vertical extent, rate of migration, type and

concentration of any hazardous substance or pollutant present in the environment at or near locations identified in the 2007 CEI report.

The sampling event was conducted on March 9, 2010 and consisted of four surface soil samples collected from 0" to 6" bgs, four subsurface soil samples collected from 6" to 24" bgs, and one sediment sample collected from Prairie Creek at the downstream property boundary. Samples were analyzed for RCRA metals, zinc, copper, nickel, and cyanide. Surface soil and sediment sample results were compared industrial soil screening levels. Subsurface soil sample results were compared to PGSSLs. Results of the sampling event showed exceedances of arsenic in both surface soil and subsurface soil, as well as exceedances of copper and lead in subsurface soil samples.

The CAO was closed on June 14, 2011.

7.2.4 SI Surface Soil Sampling and Analytical Results

As described in Section 4.3.3, a judgmental, or biased, sampling design was used to select the surface soil sampling locations. The PA identified multiple potential sources, and the SI TWP designated two AOCs. All surface soil samples were collected in one of the two AOCs.

A total of ten (10) surface soil samples, including one (1) duplicate and one (1) background sample, were collected at the Street & Performance site to address AOC 1 – Manufacturing Area, as described in Section 4.3.3. The background surface soil sample (SSBK-01) was collected approximately 0.3 miles southwest and upgradient of the site in an open vegetated field south of Polk Rd 298. In SSBK-01, arsenic exceeds the residential soil and industrial soil RSLs.

All of the site characterization surface soil samples were collected from on-site stations. The locations of surface soil samples were selected to determine the horizontal extent and source concentrations of hazardous substances on-site.

Surface soil sample SS-01 was collected from a low-lying area on the southwest portion of the site. SS-02 was collected near the small metal-sided shed. SS-03 was within two feet of the southeast portion of South Building. SS-04 was collected from a low-lying area between South Building and Prairie Creek. SS-05 and SS-06 are duplicates and were collected in a low-lying area on the southeast portion of the site between the former waste pile and Prairie Creek. SS-07 was collected in in an area east of the former waste pile on the east portion of the site. SS-08 was collected within two feet of the north side of North Building. SS-09 was collected from the northwest portion of the site, near the former trailer.

Of the nine (9) site characterization surface soil samples, one (1) field duplicate sample was collected for QA/QC purposes. This sample was not assigned ID prefixes or otherwise made distinguishable to the laboratory as a duplicate sample. In all

cases, the surface soil samples were collected from depths ranging from zero (0) to six (6) inches bgs. The SI surface soil site characterization sample stations are shown on Figure 3-1.

Laboratory analytical data revealed the presence of metals and SVOCs in various surface soil samples.

Analytes detected at concentrations exceeding three (3) times the maximum background concentrations were as follows:

- Chromium
- Copper
- Lead
- Nickel
- Zinc
- Calcium
- Cobalt
- Iron
- Magnesium
- Manganese

Arsenic was detected in all site characterization surface soil samples at concentrations exceeding the residential soil and/or industrial soil RSLs. Cobalt exceeds the residential soil RSL in one (1) site characterization surface soil sample (SD-07).

Seven (7) site characterization surface soil samples exceed the maximum concentration for copper recorded by the USGS within Polk County. Two (2) site characterization surface soil samples (SS-03 and SS-08) exceed the maximum concentration for lead recorded by the USGS within Polk County. Two (2) site characterization surface soil samples (SS-03 and SS-08 exceed the maximum concentration for zinc recorded by the USGS within Polk County. One (1) site characterization surface soil sample (SS-03) exceeds the maximum concentration for calcium recorded by the USGS within Polk County. One (1) site characterization surface soil sample (SS-07) exceeds the maximum iron concentration recorded by the USGS within Polk County. One (1) site characterization surface soil sample (SS-01) exceeds the maximum concentration for manganese recorded by the USGS within Polk County.

Concentrations of antimony, selenium, thallium, 1,4-Dioxane, 4-Chloroaniline, 2-Nitroaniline, 2,4-Dinitrophenol, 3-Nitroaniline, 4-Nitroaniline, 4-Nitrophenol, 4,6-Dinitro-2-methylphenol, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Bis(2-ethylhexyl)phthalate, Dibenzo(a,h)anthracene, Di-n-octylphthalate, Indeno[1,2,3-cd]pyrene, Hexachlorocyclopentadiene, N-Nitroso-di-n propylamine were detected in site characterization surface soil samples, but were not detected in background surface soil samples. These analytes being detected in site characterization surface soil samples but not in the background surface soil sample indicates an observed release.

The remainder of this subsection summarizes significant results by analyte type.

Priority Pollutant Metals

Arsenic exceeds the residential soil and/or industrial soil RSLs in the following surface soil samples:

AOC 1 – SS-01; SS-02; SS-03; SS-04; SS-05; SS-06; SS-07; SS-08; SS-09

Chromium exceeds three (3) times the maximum background concentration in the following surface soil samples:

AOC 1 – SS-03; SS-05; SS-07; SS-08

Copper exceeds three (3) times the maximum background concentration in the following surface soil samples:

AOC 1 – SS-01; SS-03; SS-04; SS-05; SS-06; SS-07; SS-08

Copper exceeds the residential soil RSL in the following surface soil sample:

AOC 1 – SS-08

Lead exceeds three (3) times the maximum background concentration in the following surface soil sample:

AOC 1 – SS-08

Nickel exceeds three (3) times the maximum background concentration in the following surface soil samples:

AOC 1 – SS-03; SS-04; SS-05; SS-06; SS-07; SS-08

Nickel exceeds the residential soil RSL in the following surface soil sample:

AOC 1 – SS-08

Zinc exceeds three (3) times the maximum background concentration in the following surface soil samples:

AOC 1 – SS-03; SS-08

Other TAL Metals

Calcium exceeds three (3) times the maximum background concentration in the following surface soil samples:

AOC 1 – SS-03; SS-04

Cobalt exceeds three (3) times the maximum background concentration in the following surface soil samples:

AOC 1 – SS-01; SS-04; SS-06; SS-07; SS-08

Cobalt exceeds the residential soil RSL in the following surface soil sample:

AOC 1 – SS-07

Iron exceeds three (3) times the maximum background concentration in the following surface soil sample:

AOC 1 – SS-07

Magnesium exceeds three (3) times the maximum background concentration in the following surface soil sample:

AOC 1 – SS-07

Manganese exceeds three (3) times the maximum background concentration in the following surface soil samples:

AOC 1 – SS-01; SS-04

Table 7-1 summarizes the analytes detected in surface soil samples. For comparison purposes, soil RSLs and three (3) times the background concentrations are also included in the table.

7.2.5 SI Subsurface Soil Sampling and Analytical Results

As described in Section 4.3.3, a judgmental, or biased, sampling design was used to select the subsurface soil sampling locations. The PA identified multiple potential sources, and the SI TWP designated two AOCs. All subsurface soil samples were collected in one of the two AOCs.

A total of seven (7) subsurface soil samples, including one (1) duplicate and one (1) background, were collected at the Street & Performance site to address AOC 1 – Manufacturing Area, as described in Section 4.3.3. The background subsurface soil sample (SBSBK-01) was collected approximately 0.3 miles southwest and upgradient of the Street & Performance site in an open vegetated field. In SBSBK-01, arsenic exceeds the residential soil and industrial soil RSLs. In addition, the concentrations of arsenic, lead, and iron in SBSBK-01 exceed their respective PGSSLs.

All of the subsurface soil samples were collected from on-site stations. The locations of subsurface soil samples were selected to determine the vertical extent and source concentrations of hazardous substances on-site.

SBS-01 was collected near the small metal-sided shed. SBS-02 was collected within two (2) feet of the southeast portion of the South Building. SBS-03 was collected from a low-lying area on the southeast portion of the site between a former waste pile and Prairie Creek. SBS-04 and SBS-05 are duplicates and were collected from east of the former waste pile on the east portion of the site. SBS-06 was collected within two (2) feet of the north side of the North Building.

Of the six (6) site characterization subsurface soil samples, one (1) field duplicate sample was collected for QA/QC purposes. This sample was not assigned an ID prefix or otherwise made distinguishable to the laboratory as a duplicate sample. In all cases, the subsurface soil samples were collected from depths ranging from six (6) to eighteen (18) inches bgs. The SI site characterization subsurface soil sample stations are shown on Figure 3-1, following the text of Section 3.0.

Laboratory analytical data revealed the presence of metals and SVOCs in various subsurface soil samples.

Analytes detected at concentrations exceeding three (3) times the maximum background concentrations were as follows:

- Chromium
- Copper
- Lead
- Nickel
- Zinc
- Barium
- Calcium
- Cobalt
- Magnesium
- Sodium

Arsenic was detected in all site characterization subsurface soils samples at concentrations exceeding residential soil and/or industrial soil RSLs. Additionally, copper exceeded the residential soil RSL in one (1) site characterization subsurface soil sample, and cobalt exceeded the residential soil RSL in one (1) site characterization subsurface soil sample.

Two (2) site characterization subsurface soil samples (SBS-05 and SBS-06) exceed the maximum concentration for copper recorded by the USGS within Polk County. One (1) site characterization subsurface soil sample (SBS-06) exceeds the maximum concentration of lead recorded by the USGS within Polk County. Two (2) site characterization subsurface soil samples (SBS-05 and SBS-06) exceed the maximum concentration for iron recorded by the USGS within Polk County.

Concentrations of selenium, silver, thallium, 1,4-Dioxane, and 4-Chloroaniline were detected in site characterization subsurface soil samples, but were not detected in background subsurface soil samples.

The remainder of this subsection summarizes significant results by analyte type.

Priority Pollutant Metals

Arsenic exceeds the residential soil and/or industrial soil RSLs in the following subsurface soil samples:

AOC 1 – SBS-01; SBS-02; SBS-03; SBS-04; SBS-05; SBS-06

Copper exceeds three (3) times the maximum background concentration in the following subsurface soil samples:

AOC 1 – SBS-02; SBS-03; SBS-04; SBS-05; SBS-06

Copper exceeds the residential soil RSL in the following subsurface soil sample:

AOC 1 – SBS-06

Lead exceeds three (3) times the maximum background concentration in the following subsurface soil sample:

AOC 1 – SBS-06

Nickel exceeds three (3) times the maximum background concentration in the following subsurface soil samples:

AOC 1 – SBS-04; SBS-05; SBS-06

Zinc exceeds three (3) times the maximum background concentration in the following subsurface soil samples:

AOC 1 – SBS-05; SBS-06

Other TAL Metals

Barium exceeds three (3) times the maximum background concentration in the following subsurface soil sample:

AOC 1 – SBS-04

Calcium exceeds three (3) times the maximum background concentration in the following subsurface soil sample:

AOC 1 – SBS-02

Cobalt exceeds three (3) times the maximum background concentration in the following subsurface soil sample:

AOC 1 – SBS-02

Cobalt exceeds the residential soil RSL in the following subsurface soil sample:

AOC 1 – SBS-06

Magnesium exceeds three (3) times the maximum background concentration in the following subsurface soil sample:

AOC 1 – SBS-05

Sodium exceeds three (3) times the maximum background concentration in the following subsurface soil sample:

AOC 1 – SBS-04

Table 5-1, found at the end of Section 5.0, Groundwater Migration Pathway, summarizes the analytes detected in subsurface soil samples. For comparison purposes, PGSSLs, soil RSLs, and three (3) times the background concentrations are also included in the table.

7.3 Soil Exposure and Subsurface Intrusion Pathway Targets

The resident population living or working in an area of soil contamination, the population living near areas of soil contamination, designated recreational areas, and terrestrial resources such as agriculture are potential targets of soil exposure. In addition, there is the potential for subsurface intrusion into the Main Facility and other buildings on or near the site. The SESSI targets identified are summarized in the following subsections.

7.3.1 Resident Population

The resident population is defined as those persons living or attending school or daycare on a property where site-attributable soil contamination has been documented and whose residence, school, or day care center is within 200 feet of that contamination. There is a school located within a 1-mile radius of the Street & Performance site. In addition, a residential area is located approximately 0.20 miles east of the site, across Highway 8. The approximate distances to the closest residence, school, church, and daycare were obtained from Google Earth Pro and are as follows:

Residence – 160 feet to the south
Mena High School – 1.00 mile to the north
Bible Believers Baptist Church – 1.05 miles to the northwest
Jump Start Daycare – 1.20 miles to the northwest

7.3.2 Worker Population

The worker population is defined as those persons working on a property with an area

of site-related sources or soil contamination and whose workplace is on or within 200 feet of an area of observed contamination.

According to DEQ records and ARDOT historical aerial photographs, the original building was constructed and Street & Performance is presumed to have commenced operations on February 10, 1987, when the facility became a hazardous waste operator. Due to market changes, Street & Performance ceased all operations on-site on October 28, 2016. The site is currently owned by Street & Performance, certified to the State of Arkansas.

7.3.3 Nearby Population

The Street & Performance site is situated in a mixed residential and commercial area. The site is bordered by an open vegetated field to the north; a wooded area to the east; Prairie Creek, a residence, and an unidentified commercial facility to the south; and Highway 375 and an open vegetated field to the west. The nearest residence is located approximately 160 feet to the south of the site. **Table 7-2** provides total population estimates within a 4-mile radius of the site.

7.3.4 Sensitive Environments

As stated in Section 6.3.2, a file review was conducted by the ANHC for the Street & Performance site and indicated that no occurrences of Elements of Special Concern have been recorded within a 1-mile radius of the site. Thirty-eight (38) occurrences of elements of special concern have been recorded within a 4-mile radius of the site. The Ozark Pigtoe, Arkansas Fatmucket, Mena Crayfish, Purple Lilliput, Lilliput, Tapered Pondhorn, little spectaclecase, Ringed Salamander, and Wolf's spikerush are aquatic elements of special concern within a 4-mile radius of the site. A total of 530 occurrences of elements of special concern have been recorded within a 15-mile radius of the site.

According to NEPAssist (Ref. 7), the nearest wetland area is Prairie Creek, which is classified as a lower perennial riverine wetland. After Prairie Creek flows into the Ouachita River approximately 5.51 miles downstream, there are several Freshwater Emergent Wetland areas and numerous Freshwater Forested/Shrub Wetland areas along Ouachita River and within the site's 15-mile TDL.

7.3.5 Resources

Resources associated with the SESSI pathway may include commercial agriculture, commercial silviculture, commercial livestock production or grazing, and major or designated recreational areas within 0.5 miles of a source at a site.

The Mena Elks Lodge, a fraternal organization, is located approximately 0.12 miles to the south-southeast. Vegetated fields located to the north and northeast are used for the cultivation of hay for livestock.

7.4 Soil Exposure and Subsurface Intrusion Pathway Conclusions

A release of hazardous substances to the SESSI pathway has been documented in surface and subsurface soil analytical results.

Chromium, copper, lead, nickel, zinc, calcium, cobalt, iron, magnesium, and sodium are present in surface soil in concentrations exceeding three (3) times the maximum background concentrations. Chromium, copper, lead, nickel, zinc, barium, calcium, cobalt, magnesium, and sodium are present in subsurface soil in concentrations exceeding three (3) times the maximum background concentrations.

Arsenic is present in surface and subsurface soil in concentrations exceeding residential soil and industrial soil RSLs.

Seven (7) site characterization surface soil samples exceed the maximum concentration for copper recorded by the USGS within Polk County. Two (2) site characterization surface soil samples exceed the maximum concentration for lead recorded by the USGS within Polk County. Two (2) site characterization surface soil samples exceed the maximum concentration for zinc recorded by the USGS within Polk County. One (1) site characterization surface soil sample exceeds the maximum concentration for calcium recorded by the USGS within Polk County. One (1) site characterization surface soil sample exceeds the maximum iron concentration recorded by the USGS within Polk County. One (1) site characterization surface soil sample exceeds the maximum concentration for manganese recorded by the USGS within Polk County.

Two (2) site characterization subsurface soil samples exceed the maximum concentration for copper recorded by the USGS within Polk County. One (1) site characterization subsurface soil sample exceeds the maximum concentration of lead recorded by the USGS within Polk County. Two (2) site characterization subsurface soil samples exceed the maximum concentration for iron recorded by the USGS within Polk County.

Concentrations of antimony, selenium, thallium, 1,4-Dioxane, 4-Chloroaniline, 2-Nitroaniline, 2,4-Dinitrophenol, 3-Nitroaniline, 4-Nitroaniline, 4-Nitrophenol, 4,6-Dinitro-2-methylphenol, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Bis(2-ethylhexyl)phthalate, Dibenzo(a,h)anthracene, Di-n-octylphthalate, Indeno[1,2,3-cd]pyrene, Hexachlorocyclopentadiene, and N-Nitroso-di-n propylamine were not detected in the background surface soil sample, but were detected in site characterization surface soil samples. Concentrations of selenium, silver, thallium, 1,4-Dioxane, and 4-Chloroaniline were not detected in the background subsurface soil sample, but were detected in site characterization subsurface soil samples.

The following contaminants are of the most concern in the soil exposure pathway at the Street & Performance site due to them being present at concentrations over three (3) times the maximum background concentrations: chromium, copper, lead, nickel, zinc, barium, calcium, cobalt, magnesium, manganese, and sodium.

Table 7-1. Contaminants Detected in Surface Soil Samples

Analyte	SS-01	SS-02	SS-03	SS-04	SS-05	SS-06	SS-07	SS-08	SS-09	Residential Soil RSL	Industrial Soil RSL	3X BKND Level
Priority Pollutant Metals:												
Antimony	U	U	2.20	U	U	U	0.370	U	U	31.0	470	U
Arsenic	**6.00	**3.60	**3.40	**4.90	**4.70	**5.20	**8.30	**5.30	**4.20	0.68	3.0	12.6
Beryllium	0.710	0.520	0.340	0.890	0.680	0.750	1.50	1.20	0.540	160	2,300	1.71
Chromium	20.0	8.80	**49.0**	23.0	**24.0**	22.0	**29.0**	**80.0**	23.0	ND	ND	23.1
Copper	**37.0**	4.40	**230**	**45.0**	**36.0**	**57.0**	**47.0**	*9,700	4.50	3,100	47,000	13.5
Lead	27.0	14.0	38.0	28.0	19.0	22.0	24.0	**99.0**	7.80	400	800	45.0
Nickel	14.0	5.90	**56.0**	**26.0**	**26.0**	**32.0**	**60.0**	*1,800	4.50	1,500	22,000	15.6
Selenium	0.800	U	0.670	0.630	0.810	1.00	1.00	0.900	U	390	5,800	U
Thallium	*0.840	U	U	U	0.310	U	0.370	U	U	0.780	12.0	U
Zinc	44.0	25.0	**420**	86.0	61.0	74.0	120	**350**	13.0	23,000	350,000	135
Other TAL Metals:												
Aluminum	13,000	8,100	8,700	9,400	9,500	10,000	18,000	15,000	4,000	77,000	1,100,000	24,000
Barium	130	59.0	45.0	74.0	63.0	67.0	63.0	52.0	42.0	15,000	220,000	159
Calcium	170	150	**4,200**	**630**	340	440	230	560	97.0	ND	ND	630
Cobalt	**15.0**	5.50	4.20	**9.60**	8.50	**11.0**	*24.0	**19.0**	4.10	23.0	350	9.00
Iron	19,000	9,500	12,000	17,000	19,000	20,000	**42,000**	31,000	11,000	55,000	820,000	39,000
Magnesium	1,200	560	1,100	1,300	1,500	1,600	**3,000**	2,000	220	ND	ND	2,160
Manganese	**1,600**	440	260	**530**	420	440	340	250	410	1,800	26,000	510
Sodium	25.0	20.0	55.0	54.0	24.0	25.0	42.0	41.0	U	ND	ND	75.0
Potassium	890	530	540	890	770	900	1,300	1,300	210	ND	ND	1,650
Vanadium	24.0	14.0	13.0	17.0	17.0	17.0	21.0	21.0	16.0	390	5,800	39.0
SVOCs:												
1,4-Dioxane	0.0730	U	U	0.0740	U	0.0740	U	U	0.0740	5.30	24.0	U
4-Chloroaniline	0.360	U	0.410	0.370	0.360	U	0.370	U	0.370	2.70	11.0	U
2-Nitroaniline	U	U	U	U	U	0.190	U	U	0.190	630	8000	U
2,4-Dinitrophenol	0.360	0.360	0.410	0.370	0.360	0.370	0.370	0.390	0.370	130	1600	U
3-Nitroaniline	U	U	U	U	U	0.370	U	U	0.370	U	U	U
4-Nitroaniline	U	U	U	U	U	0.370	U	U	0.370	27.0	110	U
4-Nitrophenol	U	U	U	U	U	0.370	U	U	0.370	U	U	U
4,6-Dinitro-2-methylphenol	0.360	U	0.410	0.370	0.360	0.370	0.370	0.390	U	5.10	66.0	U
Benzo(g,h,i)perylene	U	U	0.210	U	U	U	U	U	U	ND	ND	U
Benzo(k)fluoranthene	U	U	0.210	U	U	U	U	U	U	11.0	210	U
Bis(2-ethylhexyl)phthalate	U	U	U	U	U	U	0.270	0.270	U	39.0	160	U
Dibenzo(a,h)anthracene	U	U	0.210	U	U	U	U	U	U	0.110	2.10	U
Di-n-octylphthalate	U	U	0.410	U	U	U	U	U	U	ND	ND	U
Indeno[1,2,3-cd]pyrene	U	U	0.210	U	U	U	U	U	U	1.10	21.0	U
Hexachlorocyclopentadiene	U	0.360	0.410	0.370	0.360	0.370	0.370	0.390	U	1.80	7.50	U
N-Nitroso-di-n propylamine	U	U	U	U	U	U	U	U	0.190	0.0780	0.330	U

Notes: All concentration values provided in mg/kg
Shading = Concentration equals or exceeds three times the maximum background level
ND = Value has not been determined
U = Undetected
* = Concentration equals or exceeds the residential RSL (Region VI May 2021)
** = Concentration equals or exceeds the residential and industrial RSLs (Region VI May 2021)
SS-05 and SS-06 are duplicates.

Table 7-2
Nearby Population

Population Between	Population Within
0 - 0.25 miles = 2	0.25 miles = 2
0.25 - 0.50 miles = 206	0.50 miles = 208
0.50 - 1 miles = 455	1 mile = 663
1 - 2 miles = 3,121	2 miles = 3,754
2 - 3 miles = 3,365	3 miles = 7,119
3 - 4 miles = 1,394	4 miles = 8,513

Source: Marplot software

8.0 AIR MIGRATION PATHWAY

The discussion in this section focuses on the air migration pathway, another potential route of hazardous substance migration from the site. Atmospheric conditions, likelihood of release to air, and potential air pathways are identified below.

8.1 Meteorological Information

Information concerning rainfall in the region is presented in Section 5.2.3 of this report.

8.2 Likelihood of a Release

No release of hazardous substances to the air pathway was observed by DEQ's field sampling team.

8.2.1 Air Sampling Results from Previous Investigation

No air analytical data from previous investigations was used for this SI.

8.2.2 SI Air Quality Sampling and Analytical Results

Quantitative air sampling was not completed as part of the SI investigation.

8.3 Air Migration Pathways Targets

The population, resources, and sensitive environments within a 4-mile radius of the site are potential targets of a release of hazardous constituents to the air pathway. The targets identified for the air pathway are discussed in the following sections.

8.3.1 Population Within Four Miles

Approximately 8,513 persons reside within a 4-mile radius of the Street & performance site. Table 7-2 provided at the end of Section 7.0 provides a breakdown of the population within a 4-mile radius of the site.

8.3.2 Sensitive Environments

Sensitive environments have been previously discussed in Section 6.3.2 and 7.3.4. Elements of Special Concern have been identified.

8.3.3 Resources

Resources associated with the air pathway include commercial agriculture, and may include commercial silviculture and major or designated recreational areas within 0.5 miles of a source at the site.

The Mena Elks Lodge, a fraternal organization, is located approximately 0.12 miles to the south-southeast of the Street & Performance site. Vegetated fields located to the north and northeast are used for the cultivation of hay for livestock.

8.4 Air Migration Pathway Conclusions

No release of hazardous substances to the air migration pathway has been documented. A release to air is not suspected as there are no identified sources and no current activities being conducted at this site that would constitute a release to the air migration pathway.

9.0 SUMMARY AND CONCLUSIONS

The Street & Performance site is situated on an approximately 4.96-acre lot in Mena, Polk County, Arkansas. The site is situated in a mixed residential and commercial area. The site is bordered by an open vegetated field to the north; a wooded area to the east; Prairie Creek, a residence, and an unidentified commercial facility to the south; and Highway 375 and an open vegetated field to the west.

According to DEQ records and ARDOT historical aerial photographs, the original building was constructed by February 1987, and Street & Performance is presumed to have commenced operations on-site on February 10, 1987, when the facility became a hazardous waste operator. While in operation, Street & Performance manufactured and plated custom automotive parts and automobile engines. Manufacturing processes at the site included: aluminum casting and milling, spray coating, buffing, polishing, electroplating, and thermo-coating. Due to market changes, Street & Performance ceased all operations on-site on October 28, 2016. According to Polk County property records, the site is currently owned by Street & Performance, certified to the State of Arkansas. Plans for any future operations at the Street & Performance site could not be determined.

The areas surrounding the Street & Performance site slope generally south-southeast toward Prairie Creek. According to Google Earth Pro, the site is relatively flat with minor changes in elevation. The center of the site is approximately 1,025 feet above the mean sea level.

Surface water runoff flows directly into Prairie Creek along the south site boundary and into unnamed drainage that runs throughout the site eventually flowing into Prairie Creek. Prairie Creek flows east along the south site boundary, eventually reaching the Ouachita River approximately 5.51 miles downstream from the Street & Performance site. The 15-mile TDL is estimated to occur in the Ouachita River. These surface water features are illustrated on **Figure 6-1** following the text of this section. The site has one (1) PPE. The PPE is located on the southeast corner of the site, where Prairie Creek flows east off-site.

Concerns associated with the migration and exposure pathways are summarized as follows:

- As stated in Section 4.0, definitive source characterization was limited to analytical results. The specific dimensions of contamination could not be estimated based on analytical results.

- As discussed in Section 5.0, a release to the groundwater pathway has not been documented.

- As discussed in Section 5.0, arsenic, copper, lead, nickel, selenium, thallium, barium, cobalt, iron, and manganese are present in concentrations exceeding PGSSLs.

- Contamination is present throughout the site. Surface and subsurface soil samples show relatively evenly distributed contamination levels across AOC 1 – Manufacturing Area. Sediment samples show the highest contamination levels tended

to be located in the site drainage ditches in AOC 2 – Drainage Ditches and Prairie Creek. The surface water samples showed no elevated contaminant levels.

- As discussed in Section 6.0, a release to the surface water pathway has been documented via sediment analytical data. Metals were detected in sediment samples at concentrations exceeding screening levels and exceeding three (3) times the maximum background concentrations. Three (3) metals were detected in surface water samples; however, none of the metals in the surface water samples exceeded any applicable screening levels.

- As discussed in Section 6.0, chromium, copper, lead, nickel, zinc, and cobalt are present in sediment at concentrations exceeding three (3) times the maximum background concentrations.

- As discussed in Section 6.0, arsenic is present in sediment in concentrations exceeding the residential soil and industrial soil RSLs.

- As discussed in Section 6.0, chromium, copper, lead, nickel, zinc, barium, iron, and manganese are present in sediment in concentrations above sediment ecological screening levels.

- As discussed in Section 6.0, concentrations of beryllium, cadmium, and calcium were not detected in the background sediment sample, but were detected in site characterization sediment samples.

- As discussed in Section 6.0, six (6) site characterization sediment samples exceed the maximum concentration for copper recorded by the USGS within Crawford County. Four (4) site characterization sediment samples exceed the maximum concentration for lead recorded by the USGS within Polk County. One (1) site characterization sediment sample exceeds the maximum concentration for zinc recorded by the USGS within Polk County. One (1) site characterization sediment sample (SD-05) exceeds the maximum concentration for manganese recorded by the USGS within Polk County.

- As discussed in Section 7.0, areas of contaminated surface and subsurface soils have been identified. Metals and SVOCs were detected in surface soil and subsurface soil samples.

- As discussed in Section 7.0, chromium, copper, lead, nickel, zinc, calcium, cobalt, iron, magnesium, and manganese are present in surface soil in concentrations exceeding three (3) times the maximum background concentrations. Chromium, Copper, lead, nickel, zinc, barium, calcium, cobalt, magnesium, and sodium are present in subsurface soil in concentrations exceeding three (3) times the maximum background concentrations.

- As discussed in Section 7.0, arsenic is present in surface and subsurface soil in concentrations exceeding residential soil and industrial soil RSLs. In all the subsurface soil samples, arsenic concentrations also exceeded the PGSSL.

- As discussed in Section 7.0, concentrations of beryllium, cadmium, and calcium were not detected in the background surface soil sample, but were detected in site characterization surface soil samples. Concentrations of antimony, selenium, thallium, 1,4-Dioxane, 4-Chloroaniline, 2-Nitroaniline, 2,4-Dinitrophenol, 3-Nitroaniline, 4-Nitroaniline, 4-Nitrophenol, 4,6-Dinitro-2-methylphenol, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Bis(2-ethylhexyl)phthalate, Dibenzo(a,h)anthracene, Di-n-octylphthalate, Indeno[1,2,3-cd]pyrene, Hexachlorocyclopentadiene, N-Nitroso-di-n propylaminewere not detected in the background subsurface soil sample, but were detected in site characterization subsurface soil samples.

- As discussed in Section 7.0, seven (7) site characterization surface soil samples exceed the maximum concentration for copper recorded by the USGS within Polk County. Two (2) site characterization surface soil samples exceed the maximum concentration for lead recorded by the USGS within Polk County. Two (2) site characterization surface soil samples exceed the maximum concentration for zinc recorded by the USGS within Polk County. One (1) site characterization surface soil sample exceeds the maximum concentration for calcium recorded by the USGS within Polk County. One (1) site characterization surface soil sample exceeds the maximum iron concentration recorded by the USGS within Polk County. One (1) site characterization surface soil sample exceeds the maximum concentration for manganese recorded by the USGS within Polk County.

- As discussed in Section 7.0, two (2) site characterization subsurface soil samples exceed the maximum concentration for copper recorded by the USGS within Polk County. One (1) site characterization subsurface soil sample exceeds the maximum concentration of lead recorded by the USGS within Polk County. Two (2) site characterization subsurface soil samples exceed the maximum concentration for iron recorded by the USGS within Polk County.

- As discussed in Section 8.0, a release to the air pathway has not been documented.

A pre-score package was conducted on the Street & Performance site and a site score of 6.99 was obtained. Since the site score is less than the required score of 28.50, which is used to assess the relative potential of a site to pose a threat to human health or the environment, DEQ recommends no further investigation at this time.

10.0 REFERENCES

1. Arkansas Division of Environmental Quality. (September 2017). *Preliminary Assessment for Street & Performance, Inc., EPA SEMS ID: ARR000006957, Mena, Polk County, Arkansas*.

2. Arkansas Division of Environmental Quality. (January 2020, Revised June 2021). *Task Work Plan for Street & Performance, Inc., EPA SEMS ID: ARR000006957, Mena, Polk County, Arkansas*.

3. United States Environmental Protection Agency (May 1991). *Management of Investigation-Derived Wastes During Site Inspections.*

4. United States Geological Survey. (Accessed June 2022). Available online at https://mrdata.usgs.gov/geochem/county.php?place=f05113&el=Cu&rf=south-central

5. Cornell University Law School Legal Information Institute. 40 CFR Appendix to Part 300, The Hazard Ranking System (Accessed June 2022). Available online at https://www.law.cornell.edu/cfr/text/40/appendix-A_to_part_300

6. U.S. Department of Commerce. (May 1961; Reprinted January 1963). *Weather Bureau Technical Paper No. 40, Rainfall Frequency Atlas of the United States for Durations from 30 Minutes to 24 Hours and Return Periods from 1 to 100 Years*.

7. Environmental Protection Agency. National Environmental Policy Act database. (Accessed June 2022). Available online at http://nepassisttool.epa.gov/nepassist/entry.aspx

APPENDIX A

EPA CLP FINAL ANALYTICAL REPORT AND CHAIN-OF-CUSTODY FORMS

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE RD.
HOUSTON, TEXAS 77099

August 16, 2021

MEMORANDUM

SUBJECT: Contract Laboratory Program Data Review

FROM: Raymond Flores, ESAT Regional Project Officer
Laboratory Services and Applied Science Division (6LASBE)

TO: Philip Ofosu, Superfund Project Manager (6SEDAS)

Site: **STREET & PERFORMANCE**

Case#: **49551**

SDG#: **F3B59**

The EPA Region 6 Environmental Services Branch ESAT data review team has completed a review of the submitted Contract Laboratory Program (CLP) data package for the referenced site. The samples analyzed and reviewed are detailed in the attached Regional data review report.

The data package is acceptable for regional use. Problems, if any, are listed in the report narrative. If you have any questions regarding the data review report, please contact me at (281) 983-2139.

ENVIRONMENTAL SERVICES ASSISTANCE TEAM

ESAT Region 6
10625 Fallstone Road
Houston, TX 77099

Serco, Inc.

MEMORANDUM

DATE: August 12, 2021

TO: Raymond Flores, ESAT PO, Region 6 EPA

FROM: Sonya Meekins, Data Reviewer, ESAT SM

THRU: Dominic G. Jarecki, ESAT Program Manager, ESAT DGJ

SUBJECT: CLP Data Review

Contract No.:	68HE0121D0003
TO No.:	001
Task/Sub-Task:	2-6
ESAT Doc. No.:	0001-206-0017
TDF No.:	6-21-051A
ESAT File No.:	I-0803

Attached is the data review summary for Case # 49551
SDG # F3B59
Site Street & Performance, Inc.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE ROAD
HOUSTON, TEXAS 77099

INORGANIC REGIONAL DATA ASSESSMENT

CASE NO.	49551	SITE	Street & Performance, Inc.
LABORATORY	ETB	NO. OF SAMPLES	16
CONTRACT#	68HERH20D0013	MATRIX	Sediment (12), Water (4)
SDG#	F3B59	REVIEWER (IF NOT ESB)	ESAT
SOW#	SFAM01.1	REVIEWER'S NAME	Sonya Meekins
SF#	303DD2A6PY	COMPLETION DATE	August 12, 2021

SAMPLE NO.	F3B59	F3D20	F3D24	F3D28	
	F3D17	F3D21	F3D25	F3D29	
	F3D18	F3D22	F3D26	F3D30	
	F3D19	F3D23	F3D27	F3D31	

DATA ASSESSMENT SUMMARY

	ICP-AES	HG
1. HOLDING TIMES	O	O
2. CALIBRATIONS	O	O
3. BLANKS	O	O
4. MATRIX SPIKES	M	O
5. DUPLICATE ANALYSIS	O	O
6. ICP QC	M	
7. LCS	O	
8. SAMPLE VERIFICATION	O	O
9. OTHER QC	N/A	N/A
10. OVERALL ASSESSMENT	M	O

O = Data had no problems.
M = Data qualified due to major or minor problems.
Z = Data unacceptable.
NA = Not applicable.

ACTION ITEMS:

AREAS OF CONCERN: ICP-AES: The soil antimony matrix spike recovery was below the QC limit for sediments. The zinc serial dilution difference exceeded the expanded QC limit for sediments.

COMMENTS/CLARIFICATIONS
REGION 6 CLP QA REVIEW

CASE 49551 **SDG** F3B59 **SITE** Street & Performance, Inc. **LAB** ETB

COMMENTS: This SDG consisted of 12 sediment samples and 4 water samples for ICP-AES and mercury analyses following SOW SFAM01.1. The sampler designated samples F3D19 and F3D28 as the QC samples. However, instead of sample F3D19, the laboratory chose sample F3B59 as the sediment QC sample.

The SOW requires that the sediment sample results be adjusted for moisture content, which raised adjusted QLs above the CRQLs specified in the SOW. The adjusted CRQLs were reported by the laboratory.

S4VEM was performed for this package as requested by the Region. Several target analytes were reported at concentrations above the CRQLs in all samples.

OVERALL ASSESSMENT: Some sediment results were qualified because of problems with a matrix spike recovery and a serial dilution difference. ESAT's final data qualifiers in the DST indicate the technical usability of all reported sample results. An Evidence Audit was conducted for the CSF, and the audit results were reported on the Evidence Inventory Checklist. The DST included in this report is the final version.

INORGANIC ACRONYMS

CCB	Continuing Calibration Blank
CCS	Contract Compliance Screening
CCV	Continuing Calibration Verification
CN	Cyanide
CRQL	Contract Required Quantitation Limit
CSF	Complete SDG File
DST	Data Summary Table
EDM	EXES Data Manager
HG	Mercury
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma
ICP-AES	Inductively Coupled Plasma-Atomic Emission Spectroscopy
ICP-MS	Inductively Coupled Plasma-Mass Spectrometry
ICS	Interference Check Sample
ICV	Initial Calibration Verification
IS	Internal Standard
LCS	Laboratory Control Sample
MDL	Method Detection Limit
NFG	National Functional Guidelines
PE	Performance Evaluation
%D	Percent Difference
%R	Percent Recovery
%RI	Percent Relative Intensity
%RSD	Percent Relative Standard Deviation
QA	Quality Assurance
QC	Quality Control
QL	Quantitation Limit
RPD	Relative Percent Difference
RSCC	Regional Sample Control Center
S3VEM	Stage 3 Validation Electronic and Manual (previously called Modified CADRE Review)
S4VEM	Stage 4 Validation Electronic and Manual (previously called Standard Review)
SDG	Sample Delivery Group
SMO	Sample Management Office
SOW	Statement of Work
SQL	Sample Quantitation Limit
TAL	Target Analyte List

HEADER DEFINITIONS FOR INORGANIC EXCEL DST

CASE: Case Number
SDG: SDG Number
EPASAMP: EPA Sample Number
LABID: Laboratory File/Sample ID
MATRIX: Sample Matrix
QCCOD: Sample QC Code
SMPQUAL: Sample Qualifier
ANDATE: Sample Analysis Date
ANTIME: Sample Analysis Time
CASNUM: Compound CAS Number
ANALYTE: Compound Name
CONC: Compound Concentration
VALDQAL: Region 6 Inorganic Data Validation Qualifier (see Inorganic Data Qualifier Definitions on the next page)
UNITS: Concentration Units
ADJCRQL: Adjusted Contract Required Quantitation Limit Value
SMPDATE: Sampling Date
PRPDATE: Sample Preparation Date
LRDATE: Laboratory Receipt Date
LEVEL: Sample Level
PERSOLD: Sample Percent Solids
SMPWTVL: Sample Weight (Soil Samples)/Initial Sample Volume (Water Samples)
FINLVOL: Final Sample Volume
METHOD: Method of Analysis
STATLOC: Station Location
DVLEV: Data Validation Level

Disclaimer: **ESAT verified the accuracy of the information reported in the Excel DST only for the following data fields: CASE, SDG, EPASAMP, MATRIX, ANALYTE, CONC, UNITS, ADJCRQL, VALDQAL, and PERSOLD. The data qualifiers in the VALDQAL column indicate the technical usability of the reported results.**

INORGANIC DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the ESAT-Region 6 qualifiers assigned to results in the Data Summary Table.

U Not detected at reported quantitation limit.

L Reported concentration is between the MDL and the CRQL.

J Result is estimated because of outlying quality control parameters such as matrix spike, serial dilution, etc., or the result is below the CRQL.

R Result is unusable.

F A possibility of a false negative exists.

UC Reported concentration should be used as a raised quantitation limit because of blank effects and/or laboratory or field contamination.

+ High biased. Actual concentration may be lower than the concentration reported.

- Low biased. Actual concentration may be higher than the concentration reported.

W The result should be used with caution. The result was reported on a dry weight basis although the sample did not conform to the EPA Office of Water definition of a soil sample because of its high water content (>70% moisture).

CASE	SDG	EPASAMP	LABID	MATRIX	QCCODE	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	PRPDATE	LRDATE	PERSOLD	SMPWTVL	FINVOL	METHOD	STATLOC	DVLEV
49551	F3B59	F3B59	200-59285-1	Sediment	Field_Sample	07/20/2021	19:16:02	7429-90-5	Aluminum	11000		mg/kg	21	07/13/2021	07/16/2021	07/15/2021	88.2	1.06	100.00	P	SD-03	S4VEM
49551	F3B59	F3B59	200-59285-1	Sediment	Field_Sample	07/20/2021	19:16:02	7440-36-0	Antimony	6.4	UJ	mg/kg	6.4	07/13/2021	07/16/2021	07/15/2021	88.2	1.06	100.00	P	SD-03	S4VEM
49551	F3B59	F3B59	200-59285-1	Sediment	Field_Sample	07/20/2021	19:16:02	7440-38-2	Arsenic	3.3		mg/kg	1.1	07/13/2021	07/16/2021	07/15/2021	88.2	1.06	100.00	P	SD-03	S4VEM
49551	F3B59	F3B59	200-59285-1	Sediment	Field_Sample	07/22/2021	17:53:44	7440-39-3	Barium	85		mg/kg	21	07/13/2021	07/16/2021	07/15/2021	88.2	1.06	100.00	P	SD-03	S4VEM
49551	F3B59	F3B59	200-59285-1	Sediment	Field_Sample	07/20/2021	19:16:02	7440-41-7	Beryllium	0.83		mg/kg	0.53	07/13/2021	07/16/2021	07/15/2021	88.2	1.06	100.00	P	SD-03	S4VEM
49551	F3B59	F3B59	200-59285-1	Sediment	Field_Sample	07/20/2021	19:16:02	7440-43-9	Cadmium	0.53	U	mg/kg	0.53	07/13/2021	07/16/2021	07/15/2021	88.2	1.06	100.00	P	SD-03	S4VEM
49551	F3B59	F3B59	200-59285-1	Sediment	Field_Sample	07/22/2021	17:53:44	7440-70-2	Calcium	370	LJ	mg/kg	530	07/13/2021	07/16/2021	07/15/2021	88.2	1.06	100.00	P	SD-03	S4VEM
49551	F3B59	F3B59	200-59285-1	Sediment	Field_Sample	07/20/2021	19:16:02	7440-47-3	Chromium	14		mg/kg	1.1	07/13/2021	07/16/2021	07/15/2021	88.2	1.06	100.00	P	SD-03	S4VEM
49551	F3B59	F3B59	200-59285-1	Sediment	Field_Sample	07/20/2021	19:16:02	7440-48-4	Cobalt	8.3		mg/kg	5.3	07/13/2021	07/16/2021	07/15/2021	88.2	1.06	100.00	P	SD-03	S4VEM
49551	F3B59	F3B59	200-59285-1	Sediment	Field_Sample	07/20/2021	19:16:02	7440-50-8	Copper	6.3		mg/kg	2.7	07/13/2021	07/16/2021	07/15/2021	88.2	1.06	100.00	P	SD-03	S4VEM
49551	F3B59	F3B59	200-59285-1	Sediment	Field_Sample	07/20/2021	19:16:02	7439-89-6	Iron	17000		mg/kg	11	07/13/2021	07/16/2021	07/15/2021	88.2	1.06	100.00	P	SD-03	S4VEM
49551	F3B59	F3B59	200-59285-1	Sediment	Field_Sample	07/20/2021	19:16:02	7439-92-1	Lead	18		mg/kg	1.1	07/13/2021	07/16/2021	07/15/2021	88.2	1.06	100.00	P	SD-03	S4VEM
49551	F3B59	F3B59	200-59285-1	Sediment	Field_Sample	07/22/2021	17:53:44	7439-95-4	Magnesium	1300		mg/kg	530	07/13/2021	07/16/2021	07/15/2021	88.2	1.06	100.00	P	SD-03	S4VEM
49551	F3B59	F3B59	200-59285-1	Sediment	Field_Sample	07/20/2021	19:16:02	7439-96-5	Manganese	640		mg/kg	1.6	07/13/2021	07/16/2021	07/15/2021	88.2	1.06	100.00	P	SD-03	S4VEM
49551	F3B59	F3B59	200-59285-1	Sediment	Field_Sample	07/20/2021	19:16:02	7440-02-0	Nickel	10		mg/kg	4.3	07/13/2021	07/16/2021	07/15/2021	88.2	1.06	100.00	P	SD-03	S4VEM
49551	F3B59	F3B59	200-59285-1	Sediment	Field_Sample	07/20/2021	19:16:02	7440-09-7	Potassium	560		mg/kg	530	07/13/2021	07/16/2021	07/15/2021	88.2	1.06	100.00	P	SD-03	S4VEM
49551	F3B59	F3B59	200-59285-1	Sediment	Field_Sample	07/20/2021	19:16:02	7782-49-2	Selenium	0.81	LJ	mg/kg	3.7	07/13/2021	07/16/2021	07/15/2021	88.2	1.06	100.00	P	SD-03	S4VEM
49551	F3B59	F3B59	200-59285-1	Sediment	Field_Sample	07/22/2021	17:53:44	7440-22-4	Silver	1.1	U	mg/kg	1.1	07/13/2021	07/16/2021	07/15/2021	88.2	1.06	100.00	P	SD-03	S4VEM
49551	F3B59	F3B59	200-59285-1	Sediment	Field_Sample	07/20/2021	19:16:02	7440-23-5	Sodium	32	LJ	mg/kg	530	07/13/2021	07/16/2021	07/15/2021	88.2	1.06	100.00	P	SD-03	S4VEM
49551	F3B59	F3B59	200-59285-1	Sediment	Field_Sample	07/20/2021	19:16:02	7440-28-0	Thallium	2.7	U	mg/kg	2.7	07/13/2021	07/16/2021	07/15/2021	88.2	1.06	100.00	P	SD-03	S4VEM
49551	F3B59	F3B59	200-59285-1	Sediment	Field_Sample	07/20/2021	19:16:02	7440-62-2	Vanadium	17		mg/kg	5.3	07/13/2021	07/16/2021	07/15/2021	88.2	1.06	100.00	P	SD-03	S4VEM
49551	F3B59	F3B59	200-59285-1	Sediment	Field_Sample	07/20/2021	19:16:02	7440-66-6	Zinc	29	J	mg/kg	6.4	07/13/2021	07/16/2021	07/15/2021	88.2	1.06	100.00	P	SD-03	S4VEM
49551	F3B59	F3D17	200-59285-2	Sediment	Field_Sample	07/20/2021	19:52:10	7429-90-5	Aluminum	9500		mg/kg	21	07/13/2021	07/16/2021	07/15/2021	80.5	1.16	100.00	P	SD-01	S4VEM
49551	F3B59	F3D17	200-59285-2	Sediment	Field_Sample	07/20/2021	19:52:10	7440-36-0	Antimony	6.4	UJ	mg/kg	6.4	07/13/2021	07/16/2021	07/15/2021	80.5	1.16	100.00	P	SD-01	S4VEM
49551	F3B59	F3D17	200-59285-2	Sediment	Field_Sample	07/20/2021	19:52:10	7440-38-2	Arsenic	7.7		mg/kg	1.1	07/13/2021	07/16/2021	07/15/2021	80.5	1.16	100.00	P	SD-01	S4VEM
49551	F3B59	F3D17	200-59285-2	Sediment	Field_Sample	07/22/2021	18:29:44	7440-39-3	Barium	58		mg/kg	21	07/13/2021	07/16/2021	07/15/2021	80.5	1.16	100.00	P	SD-01	S4VEM
49551	F3B59	F3D17	200-59285-2	Sediment	Field_Sample	07/20/2021	19:52:10	7440-41-7	Beryllium	0.94		mg/kg	0.54	07/13/2021	07/16/2021	07/15/2021	80.5	1.16	100.00	P	SD-01	S4VEM
49551	F3B59	F3D17	200-59285-2	Sediment	Field_Sample	07/20/2021	19:52:10	7440-43-9	Cadmium	0.54	U	mg/kg	0.54	07/13/2021	07/16/2021	07/15/2021	80.5	1.16	100.00	P	SD-01	S4VEM
49551	F3B59	F3D17	200-59285-2	Sediment	Field_Sample	07/22/2021	18:29:44	7440-70-2	Calcium	590		mg/kg	540	07/13/2021	07/16/2021	07/15/2021	80.5	1.16	100.00	P	SD-01	S4VEM
49551	F3B59	F3D17	200-59285-2	Sediment	Field_Sample	07/20/2021	19:52:10	7440-47-3	Chromium	29		mg/kg	1.1	07/13/2021	07/16/2021	07/15/2021	80.5	1.16	100.00	P	SD-01	S4VEM
49551	F3B59	F3D17	200-59285-2	Sediment	Field_Sample	07/20/2021	19:52:10	7440-48-4	Cobalt	9.2		mg/kg	5.4	07/13/2021	07/16/2021	07/15/2021	80.5	1.16	100.00	P	SD-01	S4VEM
49551	F3B59	F3D17	200-59285-2	Sediment	Field_Sample	07/20/2021	19:52:10	7440-50-8	Copper	11		mg/kg	2.7	07/13/2021	07/16/2021	07/15/2021	80.5	1.16	100.00	P	SD-01	S4VEM
49551	F3B59	F3D17	200-59285-2	Sediment	Field_Sample	07/20/2021	19:52:10	7439-89-6	Iron	29000		mg/kg	11	07/13/2021	07/16/2021	07/15/2021	80.5	1.16	100.00	P	SD-01	S4VEM
49551	F3B59	F3D17	200-59285-2	Sediment	Field_Sample	07/20/2021	19:52:10	7439-92-1	Lead	17		mg/kg	1.1	07/13/2021	07/16/2021	07/15/2021	80.5	1.16	100.00	P	SD-01	S4VEM
49551	F3B59	F3D17	200-59285-2	Sediment	Field_Sample	07/22/2021	18:29:44	7439-95-4	Magnesium	2100		mg/kg	540	07/13/2021	07/16/2021	07/15/2021	80.5	1.16	100.00	P	SD-01	S4VEM
49551	F3B59	F3D17	200-59285-2	Sediment	Field_Sample	07/20/2021	19:52:10	7439-96-5	Manganese	410		mg/kg	1.6	07/13/2021	07/16/2021	07/15/2021	80.5	1.16	100.00	P	SD-01	S4VEM
49551	F3B59	F3D17	200-59285-2	Sediment	Field_Sample	07/20/2021	19:52:10	7440-02-0	Nickel	15		mg/kg	4.3	07/13/2021	07/16/2021	07/15/2021	80.5	1.16	100.00	P	SD-01	S4VEM
49551	F3B59	F3D17	200-59285-2	Sediment	Field_Sample	07/20/2021	19:52:10	7440-09-7	Potassium	750		mg/kg	540	07/13/2021	07/16/2021	07/15/2021	80.5	1.16	100.00	P	SD-01	S4VEM
49551	F3B59	F3D17	200-59285-2	Sediment	Field_Sample	07/20/2021	19:52:10	7782-49-2	Selenium	1.0	LJ	mg/kg	3.7	07/13/2021	07/16/2021	07/15/2021	80.5	1.16	100.00	P	SD-01	S4VEM
49551	F3B59	F3D17	200-59285-2	Sediment	Field_Sample	07/22/2021	18:29:44	7440-22-4	Silver	0.089	LJ	mg/kg	1.1	07/13/2021	07/16/2021	07/15/2021	80.5	1.16	100.00	P	SD-01	S4VEM
49551	F3B59	F3D17	200-59285-2	Sediment	Field_Sample	07/20/2021	19:52:10	7440-23-5	Sodium	29	LJ	mg/kg	540	07/13/2021	07/16/2021	07/15/2021	80.5	1.16	100.00	P	SD-01	S4VEM
49551	F3B59	F3D17	200-59285-2	Sediment	Field_Sample	07/20/2021	19:52:10	7440-28-0	Thallium	2.7	U	mg/kg	2.7	07/13/2021	07/16/2021	07/15/2021	80.5	1.16	100.00	P	SD-01	S4VEM
49551	F3B59	F3D17	200-59285-2	Sediment	Field_Sample	07/20/2021	19:52:10	7440-62-2	Vanadium	22		mg/kg	5.4	07/13/2021	07/16/2021	07/15/2021	80.5	1.16	100.00	P	SD-01	S4VEM
49551	F3B59	F3D17	200-59285-2	Sediment	Field_Sample	07/20/2021	19:52:10	7440-66-6	Zinc	66	J	mg/kg	6.4	07/13/2021	07/16/2021	07/15/2021	80.5	1.16	100.00	P	SD-01	S4VEM
49551	F3B59	F3D18	200-59285-3	Sediment	Field_Sample	07/20/2021	19:57:20	7429-90-5	Aluminum	6300		mg/kg	23	07/13/2021	07/16/2021	07/15/2021	87.2	1.01	100.00	P	SD-02	S4VEM
49551	F3B59	F3D18	200-59285-3	Sediment	Field_Sample	07/20/2021	19:57:20	7440-36-0	Antimony	6.8	UJ	mg/kg	6.8	07/13/2021	07/16/2021	07/15/2021	87.2	1.01	100.00	P	SD-02	S4VEM
49551	F3B59	F3D18	200-59285-3	Sediment	Field_Sample	07/20/2021	19:57:20	7440-38-2	Arsenic	2.8		mg/kg	1.1	07/13/2021	07/16/2021	07/15/2021	87.2	1.01	100.00	P	SD-02	S4VEM
49551	F3B59	F3D18	200-59285-3	Sediment	Field_Sample	07/22/2021	18:34:53	7440-39-3	Barium	40		mg/kg	23	07/13/2021	07/16/2021	07/15/2021	87.2	1.01	100.00	P	SD-02	S4VEM
49551	F3B59	F3D18	200-59285-3	Sediment	Field_Sample	07/20/2021	19:57:20	7440-41-7	Beryllium	0.47	LJ	mg/kg	0.57	07/13/2021	07/16/2021	07/15/2021	87.2	1.01	100.00	P	SD-02	S4VEM
49551	F3B59	F3D18	200-59285-3	Sediment	Field_Sample	07/20/2021	19:57:20	7440-43-9	Cadmium	0.57	U	mg/kg	0.57	07/13/2021	07/16/2021	07/15/2021	87.2	1.01	100.00	P	SD-02	S4VEM
49551	F3B59	F3D18	200-59285-3	Sediment	Field_Sample	07/22/2021	18:34:53	7440-70-2	Calcium	280	LJ	mg/kg	570	07/13/2021	07/16/2021	07/15/2021	87.2	1.01	100.00	P	SD-02	S4VEM
49551	F3B59	F3D18	200-59285-3	Sediment	Field_Sample	07/20/2021	19:57:20	7440-47-3	Chromium	10		mg/kg	1.1	07/13/2021	07/16/2021	07/15/2021	87.2	1.01	100.00	P	SD-02	S4VEM
49551	F3B59	F3D18	200-59285-3	Sediment	Field_Sample	07/20/2021	19:57:20	7440-48-4	Cobalt	5.4	LJ	mg/kg	5.7	07/13/2021	07/16/2021	07/15/2021	87.2	1.01	100.00	P	SD-02	S4VEM
49551	F3B59	F3D18	200-59285-3	Sediment	Field_Sample	07/20/2021	19:57:20	7440-50-8	Copper	4.7		mg/kg	2.8	07/13/2021	07/16/2021	07/15/2021	87.2	1.01	100.00	P	SD-02	S4VEM
49551	F3B59	F3D18	200-59285-3	Sediment	Field_Sample	07/20/2021	19:57:20	7439-89-6	Iron	13000		mg/kg	11	07/13/2021	07/16/2021	07/15/2021	87.2	1.01	100.00	P	SD-02	S4VEM
49551	F3B59	F3D18	200-59285-3	Sediment	Field_Sample	07/20/2021	19:57:20	7439-92-1	Lead	11		mg/kg	1.1	07/13/2021	07/16/2021	07/15/2021	87.2	1.01	100.00	P	SD-02	S4VEM
49551	F3B59	F3D18	200-59285-3	Sediment	Field_Sample	07/22/2021	18:34:53	7439-95-4	Magnesium	860		mg/kg	570	07/13/2021	07/16/2021	07/15/2021	87.2	1.01	100.00	P	SD-02	S4VEM
49551	F3B59	F3D18	200-59285-3	Sediment	Field_Sample	07/20/2021	19:57:20	7439-96-5	Manganese	330		mg/kg	1.7	07/13/2021	07/16/2021	07/15/2021	87.2	1.01	100.00	P	SD-02	S4VEM
49551	F3B59	F3D18	200-59285-3	Sediment	Field_Sample	07/20/2021	19:57:20	7440-02-0	Nickel	6.4		mg/kg	4.5	07/13/2021	07/16/2021	07/15/2021	87.2	1.01	100.00	P	SD-02	S4VEM
49551	F3B59	F3D18	200-59285-3	Sediment	Field_Sample	07/20/2021	19:57:20	7440-09-7	Potassium	470	LJ	mg/kg	570	07/13/2021	07/16/2021	07/15/2021	87.2	1.01	100.00	P	SD-02	S4VEM
49551	F3B59	F3D18	200-59285-3	Sediment	Field_Sample	07/20/2021	19:57:20	7782-49-2	Selenium	0.46	LJ	mg/kg	4.0	07/13/2021	07/16/2021	07/15/2021	87.2	1.01	100.00	P	SD-02	S4VEM
49551	F3B59	F3D18	200-59285-3	Sediment	Field_Sample	07/22/2021	18:34:53	7440-22-4	Silver	1.1	U	mg/kg	1.1	07/13/2021	07/16/2021	07/15/2021	87.2	1.01	100.00	P	SD-02	S4VEM
49551	F3B59	F3D18	200-59285-3	Sediment	Field_Sample	07/20/2021	19:57:20	7440-23-5	Sodium	31	LJ	mg/kg	570	07/13/2021	07/16/2021	07/15/2021	87.2	1.01	100.00	P	SD-02	S4VEM
49551	F3B59	F3D18	200-59285-3	Sediment	Field_Sample	07/20/2021	19:57:20	7440-28-0	Thallium	2.8	U	mg/kg	2.8	07/13/2021	07/16/2021	07/15/2021	87.2	1.01	100.00	P	SD-02	S4VEM
49551	F3B59	F3D18	200-59285-3	Sediment	Field_Sample	07/20/2021	19:57:20	7440-62-2	Vanadium	12		mg/kg	5.7	07/13/2021	07/16/2021	07/15/2021	87.2	1.01	100.00	P	SD-02	S4VEM
49551	F3B59	F3D18	200-59285-3	Sediment	Field_Sample	07/20/2021	19:57:20	7440-66-6	Zinc	21	J	mg/kg	6.8	07/13/2021	07/16/2021	07/15/2021	87.2	1.01	100.00	P	SD-02	S4VEM
49551	F3B59	F3D19	200-59285-4	Sediment	Field_Sample	07/20/2021	20:02:24	7429-90-5	Aluminum	11000		mg/kg	22	07/13/2021	07/16/2021	07/15/2021	88.8	1.03	100.00	P	SD-03	S4VEM
49551	F3B59	F3D19	200-59285-4	Sediment	Field_Sample	07/20/2021	20:02:24	7440-36-0	Antimony	6.6	UJ	mg/kg	6.6	07/13/2021	07/16/2021	07/15/2021	88.8	1.03	100.00	P	SD-03	S4VEM
49551	F3B59	F3D19	200-59285-4	Sediment	Field_Sample	07/20/2021	20:02:24	7440-38-2	Arsenic	5.1		mg/kg	1.1	07/13/2021	07/16/2021	07/15/2021	88.8	1.03	100.00	P	SD-03	S4VEM
49551	F3B59	F3D19	200-59285-4	Sediment	Field_Sample	07/22/2021	18:40:03	7440-39-3	Barium	66		mg/kg	22	07/13/2021	07/16/2021	07/15/2021	88.8	1.03	100.00	P	SD-03	S4VEM

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49551	F3B59	F3D19	200-59285-4	Sediment	Field_Sample	07/20/2021	20:02:24	7440-41-7	Beryllium	0.93		mg/kg	0.55	07/13/2021	07/16/2021	07/15/2021	88.8	1.03	100.00	P	SD-03	S4VEM
49551	F3B59	F3D19	200-59285-4	Sediment	Field_Sample	07/20/2021	20:02:24	7440-43-9	Cadmium	0.55	U	mg/kg	0.55	07/13/2021	07/16/2021	07/15/2021	88.8	1.03	100.00	P	SD-03	S4VEM
49551	F3B59	F3D19	200-59285-4	Sediment	Field_Sample	07/22/2021	18:40:03	7440-70-2	Calcium	270	LJ	mg/kg	550	07/13/2021	07/16/2021	07/15/2021	88.8	1.03	100.00	P	SD-03	S4VEM
49551	F3B59	F3D19	200-59285-4	Sediment	Field_Sample	07/20/2021	20:02:24	7440-47-3	Chromium	24		mg/kg	1.1	07/13/2021	07/16/2021	07/15/2021	88.8	1.03	100.00	P	SD-03	S4VEM
49551	F3B59	F3D19	200-59285-4	Sediment	Field_Sample	07/20/2021	20:02:24	7440-48-4	Cobalt	8.3		mg/kg	5.5	07/13/2021	07/16/2021	07/15/2021	88.8	1.03	100.00	P	SD-03	S4VEM
49551	F3B59	F3D19	200-59285-4	Sediment	Field_Sample	07/20/2021	20:02:24	7440-50-8	Copper	6.9		mg/kg	2.7	07/13/2021	07/16/2021	07/15/2021	88.8	1.03	100.00	P	SD-03	S4VEM
49551	F3B59	F3D19	200-59285-4	Sediment	Field_Sample	07/20/2021	20:02:24	7439-89-6	Iron	24000		mg/kg	11	07/13/2021	07/16/2021	07/15/2021	88.8	1.03	100.00	P	SD-03	S4VEM
49551	F3B59	F3D19	200-59285-4	Sediment	Field_Sample	07/20/2021	20:02:24	7439-92-1	Lead	14		mg/kg	1.1	07/13/2021	07/16/2021	07/15/2021	88.8	1.03	100.00	P	SD-03	S4VEM
49551	F3B59	F3D19	200-59285-4	Sediment	Field_Sample	07/22/2021	18:40:03	7439-95-4	Magnesium	1500		mg/kg	550	07/13/2021	07/16/2021	07/15/2021	88.8	1.03	100.00	P	SD-03	S4VEM
49551	F3B59	F3D19	200-59285-4	Sediment	Field_Sample	07/20/2021	20:02:24	7439-96-5	Manganese	520		mg/kg	1.6	07/13/2021	07/16/2021	07/15/2021	88.8	1.03	100.00	P	SD-03	S4VEM
49551	F3B59	F3D19	200-59285-4	Sediment	Field_Sample	07/20/2021	20:02:24	7440-02-0	Nickel	11		mg/kg	4.4	07/13/2021	07/16/2021	07/15/2021	88.8	1.03	100.00	P	SD-03	S4VEM
49551	F3B59	F3D19	200-59285-4	Sediment	Field_Sample	07/20/2021	20:02:24	7440-09-7	Potassium	540	LJ	mg/kg	550	07/13/2021	07/16/2021	07/15/2021	88.8	1.03	100.00	P	SD-03	S4VEM
49551	F3B59	F3D19	200-59285-4	Sediment	Field_Sample	07/20/2021	20:02:24	7782-49-2	Selenium	0.82	LJ	mg/kg	3.8	07/13/2021	07/16/2021	07/15/2021	88.8	1.03	100.00	P	SD-03	S4VEM
49551	F3B59	F3D19	200-59285-4	Sediment	Field_Sample	07/22/2021	18:40:03	7440-22-4	Silver	1.1	U	mg/kg	1.1	07/13/2021	07/16/2021	07/15/2021	88.8	1.03	100.00	P	SD-03	S4VEM
49551	F3B59	F3D19	200-59285-4	Sediment	Field_Sample	07/20/2021	20:02:24	7440-23-5	Sodium	32	LJ	mg/kg	550	07/13/2021	07/16/2021	07/15/2021	88.8	1.03	100.00	P	SD-03	S4VEM
49551	F3B59	F3D19	200-59285-4	Sediment	Field_Sample	07/20/2021	20:02:24	7440-28-0	Thallium	2.7	U	mg/kg	2.7	07/13/2021	07/16/2021	07/15/2021	88.8	1.03	100.00	P	SD-03	S4VEM
49551	F3B59	F3D19	200-59285-4	Sediment	Field_Sample	07/20/2021	20:02:24	7440-62-2	Vanadium	21		mg/kg	5.5	07/13/2021	07/16/2021	07/15/2021	88.8	1.03	100.00	P	SD-03	S4VEM
49551	F3B59	F3D19	200-59285-4	Sediment	Field_Sample	07/20/2021	20:02:24	7440-66-6	Zinc	29	J	mg/kg	6.6	07/13/2021	07/16/2021	07/15/2021	88.8	1.03	100.00	P	SD-03	S4VEM
49551	F3B59	F3D20	200-59285-5	Sediment	Field_Sample	07/20/2021	20:07:33	7429-90-5	Aluminum	12000		mg/kg	21	07/13/2021	07/16/2021	07/15/2021	80.7	1.19	100.00	P	SD-04	S4VEM
49551	F3B59	F3D20	200-59285-5	Sediment	Field_Sample	07/20/2021	20:07:33	7440-36-0	Antimony	6.2	UJ	mg/kg	6.2	07/13/2021	07/16/2021	07/15/2021	80.7	1.19	100.00	P	SD-04	S4VEM
49551	F3B59	F3D20	200-59285-5	Sediment	Field_Sample	07/20/2021	20:07:33	7440-38-2	Arsenic	8.5		mg/kg	1.0	07/13/2021	07/16/2021	07/15/2021	80.7	1.19	100.00	P	SD-04	S4VEM
49551	F3B59	F3D20	200-59285-5	Sediment	Field_Sample	07/22/2021	18:45:15	7440-39-3	Barium	87		mg/kg	21	07/13/2021	07/16/2021	07/15/2021	80.7	1.19	100.00	P	SD-04	S4VEM
49551	F3B59	F3D20	200-59285-5	Sediment	Field_Sample	07/20/2021	20:07:33	7440-41-7	Beryllium	0.96		mg/kg	0.52	07/13/2021	07/16/2021	07/15/2021	80.7	1.19	100.00	P	SD-04	S4VEM
49551	F3B59	F3D20	200-59285-5	Sediment	Field_Sample	07/20/2021	20:07:33	7440-43-9	Cadmium	0.52	U	mg/kg	0.52	07/13/2021	07/16/2021	07/15/2021	80.7	1.19	100.00	P	SD-04	S4VEM
49551	F3B59	F3D20	200-59285-5	Sediment	Field_Sample	07/22/2021	18:45:15	7440-70-2	Calcium	1400		mg/kg	520	07/13/2021	07/16/2021	07/15/2021	80.7	1.19	100.00	P	SD-04	S4VEM
49551	F3B59	F3D20	200-59285-5	Sediment	Field_Sample	07/20/2021	20:07:33	7440-47-3	Chromium	24		mg/kg	1.0	07/13/2021	07/16/2021	07/15/2021	80.7	1.19	100.00	P	SD-04	S4VEM
49551	F3B59	F3D20	200-59285-5	Sediment	Field_Sample	07/20/2021	20:07:33	7440-48-4	Cobalt	13		mg/kg	5.2	07/13/2021	07/16/2021	07/15/2021	80.7	1.19	100.00	P	SD-04	S4VEM
49551	F3B59	F3D20	200-59285-5	Sediment	Field_Sample	07/20/2021	20:07:33	7440-50-8	Copper	14		mg/kg	2.6	07/13/2021	07/16/2021	07/15/2021	80.7	1.19	100.00	P	SD-04	S4VEM
49551	F3B59	F3D20	200-59285-5	Sediment	Field_Sample	07/20/2021	20:07:33	7439-89-6	Iron	29000		mg/kg	10	07/13/2021	07/16/2021	07/15/2021	80.7	1.19	100.00	P	SD-04	S4VEM
49551	F3B59	F3D20	200-59285-5	Sediment	Field_Sample	07/20/2021	20:07:33	7439-92-1	Lead	19		mg/kg	1.0	07/13/2021	07/16/2021	07/15/2021	80.7	1.19	100.00	P	SD-04	S4VEM
49551	F3B59	F3D20	200-59285-5	Sediment	Field_Sample	07/22/2021	18:45:15	7439-95-4	Magnesium	3000		mg/kg	520	07/13/2021	07/16/2021	07/15/2021	80.7	1.19	100.00	P	SD-04	S4VEM
49551	F3B59	F3D20	200-59285-5	Sediment	Field_Sample	07/20/2021	20:07:33	7439-96-5	Manganese	630		mg/kg	1.6	07/13/2021	07/16/2021	07/15/2021	80.7	1.19	100.00	P	SD-04	S4VEM
49551	F3B59	F3D20	200-59285-5	Sediment	Field_Sample	07/20/2021	20:07:33	7440-02-0	Nickel	21		mg/kg	4.2	07/13/2021	07/16/2021	07/15/2021	80.7	1.19	100.00	P	SD-04	S4VEM
49551	F3B59	F3D20	200-59285-5	Sediment	Field_Sample	07/20/2021	20:07:33	7440-09-7	Potassium	830		mg/kg	520	07/13/2021	07/16/2021	07/15/2021	80.7	1.19	100.00	P	SD-04	S4VEM
49551	F3B59	F3D20	200-59285-5	Sediment	Field_Sample	07/20/2021	20:07:33	7782-49-2	Selenium	1.4	LJ	mg/kg	3.6	07/13/2021	07/16/2021	07/15/2021	80.7	1.19	100.00	P	SD-04	S4VEM
49551	F3B59	F3D20	200-59285-5	Sediment	Field_Sample	07/22/2021	18:45:15	7440-22-4	Silver	1.0	U	mg/kg	1.0	07/13/2021	07/16/2021	07/15/2021	80.7	1.19	100.00	P	SD-04	S4VEM
49551	F3B59	F3D20	200-59285-5	Sediment	Field_Sample	07/20/2021	20:07:33	7440-23-5	Sodium	36	LJ	mg/kg	520	07/13/2021	07/16/2021	07/15/2021	80.7	1.19	100.00	P	SD-04	S4VEM
49551	F3B59	F3D20	200-59285-5	Sediment	Field_Sample	07/20/2021	20:07:33	7440-28-0	Thallium	0.35	LJ	mg/kg	2.6	07/13/2021	07/16/2021	07/15/2021	80.7	1.19	100.00	P	SD-04	S4VEM
49551	F3B59	F3D20	200-59285-5	Sediment	Field_Sample	07/20/2021	20:07:33	7440-62-2	Vanadium	20		mg/kg	5.2	07/13/2021	07/16/2021	07/15/2021	80.7	1.19	100.00	P	SD-04	S4VEM
49551	F3B59	F3D20	200-59285-5	Sediment	Field_Sample	07/20/2021	20:07:33	7440-66-6	Zinc	77	J	mg/kg	6.2	07/13/2021	07/16/2021	07/15/2021	80.7	1.19	100.00	P	SD-04	S4VEM
49551	F3B59	F3D21	200-59285-6	Sediment	Field_Sample	07/20/2021	20:12:40	7429-90-5	Aluminum	9400		mg/kg	28	07/13/2021	07/16/2021	07/15/2021	71.7	1.00	100.00	P	SD-05	S4VEM
49551	F3B59	F3D21	200-59285-6	Sediment	Field_Sample	07/20/2021	20:12:40	7440-36-0	Antimony	8.4	UJ	mg/kg	8.4	07/13/2021	07/16/2021	07/15/2021	71.7	1.00	100.00	P	SD-05	S4VEM
49551	F3B59	F3D21	200-59285-6	Sediment	Field_Sample	07/20/2021	20:12:40	7440-38-2	Arsenic	4.8		mg/kg	1.4	07/13/2021	07/16/2021	07/15/2021	71.7	1.00	100.00	P	SD-05	S4VEM
49551	F3B59	F3D21	200-59285-6	Sediment	Field_Sample	07/22/2021	18:50:21	7440-39-3	Barium	130		mg/kg	28	07/13/2021	07/16/2021	07/15/2021	71.7	1.00	100.00	P	SD-05	S4VEM
49551	F3B59	F3D21	200-59285-6	Sediment	Field_Sample	07/20/2021	20:12:40	7440-41-7	Beryllium	0.63	LJ	mg/kg	0.70	07/13/2021	07/16/2021	07/15/2021	71.7	1.00	100.00	P	SD-05	S4VEM
49551	F3B59	F3D21	200-59285-6	Sediment	Field_Sample	07/20/2021	20:12:40	7440-43-9	Cadmium	0.70	U	mg/kg	0.70	07/13/2021	07/16/2021	07/15/2021	71.7	1.00	100.00	P	SD-05	S4VEM
49551	F3B59	F3D21	200-59285-6	Sediment	Field_Sample	07/22/2021	18:50:21	7440-70-2	Calcium	2900		mg/kg	700	07/13/2021	07/16/2021	07/15/2021	71.7	1.00	100.00	P	SD-05	S4VEM
49551	F3B59	F3D21	200-59285-6	Sediment	Field_Sample	07/20/2021	20:12:40	7440-47-3	Chromium	23		mg/kg	1.4	07/13/2021	07/16/2021	07/15/2021	71.7	1.00	100.00	P	SD-05	S4VEM
49551	F3B59	F3D21	200-59285-6	Sediment	Field_Sample	07/20/2021	20:12:40	7440-48-4	Cobalt	11		mg/kg	7.0	07/13/2021	07/16/2021	07/15/2021	71.7	1.00	100.00	P	SD-05	S4VEM
49551	F3B59	F3D21	200-59285-6	Sediment	Field_Sample	07/20/2021	20:12:40	7440-50-8	Copper	57		mg/kg	3.5	07/13/2021	07/16/2021	07/15/2021	71.7	1.00	100.00	P	SD-05	S4VEM
49551	F3B59	F3D21	200-59285-6	Sediment	Field_Sample	07/20/2021	20:12:40	7439-89-6	Iron	17000		mg/kg	14	07/13/2021	07/16/2021	07/15/2021	71.7	1.00	100.00	P	SD-05	S4VEM
49551	F3B59	F3D21	200-59285-6	Sediment	Field_Sample	07/20/2021	20:12:40	7439-92-1	Lead	40		mg/kg	1.4	07/13/2021	07/16/2021	07/15/2021	71.7	1.00	100.00	P	SD-05	S4VEM
49551	F3B59	F3D21	200-59285-6	Sediment	Field_Sample	07/22/2021	18:50:21	7439-95-4	Magnesium	1400		mg/kg	700	07/13/2021	07/16/2021	07/15/2021	71.7	1.00	100.00	P	SD-05	S4VEM
49551	F3B59	F3D21	200-59285-6	Sediment	Field_Sample	07/20/2021	20:12:40	7439-96-5	Manganese	1500		mg/kg	2.1	07/13/2021	07/16/2021	07/15/2021	71.7	1.00	100.00	P	SD-05	S4VEM
49551	F3B59	F3D21	200-59285-6	Sediment	Field_Sample	07/20/2021	20:12:40	7440-02-0	Nickel	24		mg/kg	5.6	07/13/2021	07/16/2021	07/15/2021	71.7	1.00	100.00	P	SD-05	S4VEM
49551	F3B59	F3D21	200-59285-6	Sediment	Field_Sample	07/20/2021	20:12:40	7440-09-7	Potassium	970		mg/kg	700	07/13/2021	07/16/2021	07/15/2021	71.7	1.00	100.00	P	SD-05	S4VEM
49551	F3B59	F3D21	200-59285-6	Sediment	Field_Sample	07/20/2021	20:12:40	7782-49-2	Selenium	1.0	LJ	mg/kg	4.9	07/13/2021	07/16/2021	07/15/2021	71.7	1.00	100.00	P	SD-05	S4VEM
49551	F3B59	F3D21	200-59285-6	Sediment	Field_Sample	07/22/2021	18:50:21	7440-22-4	Silver	0.11	LJ	mg/kg	1.4	07/13/2021	07/16/2021	07/15/2021	71.7	1.00	100.00	P	SD-05	S4VEM
49551	F3B59	F3D21	200-59285-6	Sediment	Field_Sample	07/20/2021	20:12:40	7440-23-5	Sodium	37	LJ	mg/kg	700	07/13/2021	07/16/2021	07/15/2021	71.7	1.00	100.00	P	SD-05	S4VEM
49551	F3B59	F3D21	200-59285-6	Sediment	Field_Sample	07/20/2021	20:12:40	7440-28-0	Thallium	0.51	LJ	mg/kg	3.5	07/13/2021	07/16/2021	07/15/2021	71.7	1.00	100.00	P	SD-05	S4VEM
49551	F3B59	F3D21	200-59285-6	Sediment	Field_Sample	07/20/2021	20:12:40	7440-62-2	Vanadium	19		mg/kg	7.0	07/13/2021	07/16/2021	07/15/2021	71.7	1.00	100.00	P	SD-05	S4VEM
49551	F3B59	F3D21	200-59285-6	Sediment	Field_Sample	07/20/2021	20:12:40	7440-66-6	Zinc	360	J	mg/kg	8.4	07/13/2021	07/16/2021	07/15/2021	71.7	1.00	100.00	P	SD-05	S4VEM
49551	F3B59	F3D22	200-59285-7	Sediment	Field_Sample	07/20/2021	20:17:58	7429-90-5	Aluminum	9600		mg/kg	30	07/13/2021	07/16/2021	07/15/2021	67.5	1.00	100.00	P	SD-06	S4VEM
49551	F3B59	F3D22	200-59285-7	Sediment	Field_Sample	07/20/2021	20:17:58	7440-36-0	Antimony	0.63	LJ	mg/kg	8.9	07/13/2021	07/16/2021	07/15/2021	67.5	1.00	100.00	P	SD-06	S4VEM
49551	F3B59	F3D22	200-59285-7	Sediment	Field_Sample	07/20/2021	20:17:58	7440-38-2	Arsenic	6.1		mg/kg	1.5	07/13/2021	07/16/2021	07/15/2021	67.5	1.00	100.00	P	SD-06	S4VEM
49551	F3B59	F3D22	200-59285-7	Sediment	Field_Sample	07/22/2021	18:55:39	7440-39-3	Barium	120		mg/kg	30	07/13/2021	07/16/2021	07/15/2021	67.5	1.00	100.00	P	SD-06	S4VEM
49551	F3B59	F3D22	200-59285-7	Sediment	Field_Sample	07/20/2021	20:17:58	7440-41-7	Beryllium	0.58	LJ	mg/kg	0.74	07/13/2021	07/16/2021	07/15/2021	67.5	1.00	100.00	P	SD-06	S4VEM
49551	F3B59	F3D22	200-59285-7	Sediment	Field_Sample	07/20/2021	20:17:58	7440-43-9	Cadmium	0.74	U	mg/kg	0.74	07/13/2021	07/16/2021	07/15/2021	67.5	1.00	100.00	P	SD-06	S4VEM
49551	F3B59	F3D22	200-59285-7	Sediment	Field_Sample	07/22/2021	18:55:39	7440-70-2	Calcium	2400		mg/kg	740	07/13/2021	07/16/2021	07/15/2021	67.5	1.00	100.00	P	SD-06	S4VEM
49551	F3B59	F3D22	200-59285-7	Sediment	Field_Sample	07/20/2021	20:17:58	7440-47-3	Chromium	22		mg/kg	1.5	07/13/2021	07/16/2021	07/15/2021	67.5	1.00	100.00	P	SD-06	S4VEM
49551	F3B59	F3D22	200-59285-7	Sediment	Field_Sample	07/20/2021	20:17:58	7440-48-4	Cobalt	8.8		mg/kg	7.4	07/13/2021	07/16/2021	07/15/2021	67.5	1.00	100.00	P	SD-06	S4VEM

Pag

49551	F3B59	F3D22	200-59285-7	Sediment	Field_Sample	07/20/2021	20:17:58	7440-50-8	Copper	54		mg/kg	3.7	07/13/2021	07/16/2021	07/15/2021	67.5	1.00	100.00	P	SD-06	S4VEM
49551	F3B59	F3D22	200-59285-7	Sediment	Field_Sample	07/20/2021	20:17:58	7439-89-6	Iron	18000		mg/kg	15	07/13/2021	07/16/2021	07/15/2021	67.5	1.00	100.00	P	SD-06	S4VEM
49551	F3B59	F3D22	200-59285-7	Sediment	Field_Sample	07/20/2021	20:17:58	7439-92-1	Lead	100		mg/kg	1.5	07/13/2021	07/16/2021	07/15/2021	67.5	1.00	100.00	P	SD-06	S4VEM
49551	F3B59	F3D22	200-59285-7	Sediment	Field_Sample	07/22/2021	18:55:39	7439-95-4	Magnesium	1200		mg/kg	740	07/13/2021	07/16/2021	07/15/2021	67.5	1.00	100.00	P	SD-06	S4VEM
49551	F3B59	F3D22	200-59285-7	Sediment	Field_Sample	07/20/2021	20:17:58	7439-96-5	Manganese	1100		mg/kg	2.2	07/13/2021	07/16/2021	07/15/2021	67.5	1.00	100.00	P	SD-06	S4VEM
49551	F3B59	F3D22	200-59285-7	Sediment	Field_Sample	07/20/2021	20:17:58	7440-02-0	Nickel	20		mg/kg	5.9	07/13/2021	07/16/2021	07/15/2021	67.5	1.00	100.00	P	SD-06	S4VEM
49551	F3B59	F3D22	200-59285-7	Sediment	Field_Sample	07/20/2021	20:17:58	7440-09-7	Potassium	920		mg/kg	740	07/13/2021	07/16/2021	07/15/2021	67.5	1.00	100.00	P	SD-06	S4VEM
49551	F3B59	F3D22	200-59285-7	Sediment	Field_Sample	07/20/2021	20:17:58	7782-49-2	Selenium	1.2	LJ	mg/kg	5.2	07/13/2021	07/16/2021	07/15/2021	67.5	1.00	100.00	P	SD-06	S4VEM
49551	F3B59	F3D22	200-59285-7	Sediment	Field_Sample	07/22/2021	18:55:39	7440-22-4	Silver	0.20	LJ	mg/kg	1.5	07/13/2021	07/16/2021	07/15/2021	67.5	1.00	100.00	P	SD-06	S4VEM
49551	F3B59	F3D22	200-59285-7	Sediment	Field_Sample	07/20/2021	20:17:58	7440-23-5	Sodium	35	LJ	mg/kg	740	07/13/2021	07/16/2021	07/15/2021	67.5	1.00	100.00	P	SD-06	S4VEM
49551	F3B59	F3D22	200-59285-7	Sediment	Field_Sample	07/20/2021	20:17:58	7440-28-0	Thallium	0.49	LJ	mg/kg	3.7	07/13/2021	07/16/2021	07/15/2021	67.5	1.00	100.00	P	SD-06	S4VEM
49551	F3B59	F3D22	200-59285-7	Sediment	Field_Sample	07/20/2021	20:17:58	7440-62-2	Vanadium	22		mg/kg	7.4	07/13/2021	07/16/2021	07/15/2021	67.5	1.00	100.00	P	SD-06	S4VEM
49551	F3B59	F3D22	200-59285-7	Sediment	Field_Sample	07/20/2021	20:17:58	7440-66-6	Zinc	150	J	mg/kg	8.9	07/13/2021	07/16/2021	07/15/2021	67.5	1.00	100.00	P	SD-06	S4VEM
49551	F3B59	F3D23	200-59285-8	Sediment	Field_Sample	07/20/2021	20:23:08	7429-90-5	Aluminum	9000		mg/kg	28	07/13/2021	07/16/2021	07/15/2021	63.9	1.11	100.00	P	SD-07	S4VEM
49551	F3B59	F3D23	200-59285-8	Sediment	Field_Sample	07/20/2021	20:23:08	7440-36-0	Antimony	0.67	LJ	mg/kg	8.5	07/13/2021	07/16/2021	07/15/2021	63.9	1.11	100.00	P	SD-07	S4VEM
49551	F3B59	F3D23	200-59285-8	Sediment	Field_Sample	07/20/2021	20:23:08	7440-38-2	Arsenic	5.5		mg/kg	1.4	07/13/2021	07/16/2021	07/15/2021	63.9	1.11	100.00	P	SD-07	S4VEM
49551	F3B59	F3D23	200-59285-8	Sediment	Field_Sample	07/22/2021	19:00:48	7440-39-3	Barium	120		mg/kg	28	07/13/2021	07/16/2021	07/15/2021	63.9	1.11	100.00	P	SD-07	S4VEM
49551	F3B59	F3D23	200-59285-8	Sediment	Field_Sample	07/20/2021	20:23:08	7440-41-7	Beryllium	0.57	LJ	mg/kg	0.70	07/13/2021	07/16/2021	07/15/2021	63.9	1.11	100.00	P	SD-07	S4VEM
49551	F3B59	F3D23	200-59285-8	Sediment	Field_Sample	07/20/2021	20:23:08	7440-43-9	Cadmium	0.70	U	mg/kg	0.70	07/13/2021	07/16/2021	07/15/2021	63.9	1.11	100.00	P	SD-07	S4VEM
49551	F3B59	F3D23	200-59285-8	Sediment	Field_Sample	07/22/2021	19:00:48	7440-70-2	Calcium	3000		mg/kg	700	07/13/2021	07/16/2021	07/15/2021	63.9	1.11	100.00	P	SD-07	S4VEM
49551	F3B59	F3D23	200-59285-8	Sediment	Field_Sample	07/20/2021	20:23:08	7440-47-3	Chromium	20		mg/kg	1.4	07/13/2021	07/16/2021	07/15/2021	63.9	1.11	100.00	P	SD-07	S4VEM
49551	F3B59	F3D23	200-59285-8	Sediment	Field_Sample	07/20/2021	20:23:08	7440-48-4	Cobalt	7.7		mg/kg	7.0	07/13/2021	07/16/2021	07/15/2021	63.9	1.11	100.00	P	SD-07	S4VEM
49551	F3B59	F3D23	200-59285-8	Sediment	Field_Sample	07/20/2021	20:23:08	7440-50-8	Copper	56		mg/kg	3.5	07/13/2021	07/16/2021	07/15/2021	63.9	1.11	100.00	P	SD-07	S4VEM
49551	F3B59	F3D23	200-59285-8	Sediment	Field_Sample	07/20/2021	20:23:08	7439-89-6	Iron	15000		mg/kg	14	07/13/2021	07/16/2021	07/15/2021	63.9	1.11	100.00	P	SD-07	S4VEM
49551	F3B59	F3D23	200-59285-8	Sediment	Field_Sample	07/20/2021	20:23:08	7439-92-1	Lead	89		mg/kg	1.4	07/13/2021	07/16/2021	07/15/2021	63.9	1.11	100.00	P	SD-07	S4VEM
49551	F3B59	F3D23	200-59285-8	Sediment	Field_Sample	07/22/2021	19:00:48	7439-95-4	Magnesium	1100		mg/kg	700	07/13/2021	07/16/2021	07/15/2021	63.9	1.11	100.00	P	SD-07	S4VEM
49551	F3B59	F3D23	200-59285-8	Sediment	Field_Sample	07/20/2021	20:23:08	7439-96-5	Manganese	860		mg/kg	2.1	07/13/2021	07/16/2021	07/15/2021	63.9	1.11	100.00	P	SD-07	S4VEM
49551	F3B59	F3D23	200-59285-8	Sediment	Field_Sample	07/20/2021	20:23:08	7440-02-0	Nickel	21		mg/kg	5.6	07/13/2021	07/16/2021	07/15/2021	63.9	1.11	100.00	P	SD-07	S4VEM
49551	F3B59	F3D23	200-59285-8	Sediment	Field_Sample	07/20/2021	20:23:08	7440-09-7	Potassium	910		mg/kg	700	07/13/2021	07/16/2021	07/15/2021	63.9	1.11	100.00	P	SD-07	S4VEM
49551	F3B59	F3D23	200-59285-8	Sediment	Field_Sample	07/20/2021	20:23:08	7782-49-2	Selenium	0.95	LJ	mg/kg	4.9	07/13/2021	07/16/2021	07/15/2021	63.9	1.11	100.00	P	SD-07	S4VEM
49551	F3B59	F3D23	200-59285-8	Sediment	Field_Sample	07/22/2021	19:00:48	7440-22-4	Silver	0.13	LJ	mg/kg	1.4	07/13/2021	07/16/2021	07/15/2021	63.9	1.11	100.00	P	SD-07	S4VEM
49551	F3B59	F3D23	200-59285-8	Sediment	Field_Sample	07/20/2021	20:23:08	7440-23-5	Sodium	34	LJ	mg/kg	700	07/13/2021	07/16/2021	07/15/2021	63.9	1.11	100.00	P	SD-07	S4VEM
49551	F3B59	F3D23	200-59285-8	Sediment	Field_Sample	07/20/2021	20:23:08	7440-28-0	Thallium	3.5	U	mg/kg	3.5	07/13/2021	07/16/2021	07/15/2021	63.9	1.11	100.00	P	SD-07	S4VEM
49551	F3B59	F3D23	200-59285-8	Sediment	Field_Sample	07/20/2021	20:23:08	7440-62-2	Vanadium	20		mg/kg	7.0	07/13/2021	07/16/2021	07/15/2021	63.9	1.11	100.00	P	SD-07	S4VEM
49551	F3B59	F3D23	200-59285-8	Sediment	Field_Sample	07/20/2021	20:23:08	7440-66-6	Zinc	170	J	mg/kg	8.5	07/13/2021	07/16/2021	07/15/2021	63.9	1.11	100.00	P	SD-07	S4VEM
49551	F3B59	F3D24	200-59285-9	Sediment	Field_Sample	07/20/2021	20:28:27	7429-90-5	Aluminum	6700		mg/kg	23	07/13/2021	07/16/2021	07/15/2021	81.6	1.07	100.00	P	SD-08	S4VEM
49551	F3B59	F3D24	200-59285-9	Sediment	Field_Sample	07/20/2021	20:28:27	7440-36-0	Antimony	6.9	UJ	mg/kg	6.9	07/13/2021	07/16/2021	07/15/2021	81.6	1.07	100.00	P	SD-08	S4VEM
49551	F3B59	F3D24	200-59285-9	Sediment	Field_Sample	07/20/2021	20:28:27	7440-38-2	Arsenic	2.5		mg/kg	1.1	07/13/2021	07/16/2021	07/15/2021	81.6	1.07	100.00	P	SD-08	S4VEM
49551	F3B59	F3D24	200-59285-9	Sediment	Field_Sample	07/22/2021	19:06:00	7440-39-3	Barium	23		mg/kg	23	07/13/2021	07/16/2021	07/15/2021	81.6	1.07	100.00	P	SD-08	S4VEM
49551	F3B59	F3D24	200-59285-9	Sediment	Field_Sample	07/20/2021	20:28:27	7440-41-7	Beryllium	0.31	LJ	mg/kg	0.57	07/13/2021	07/16/2021	07/15/2021	81.6	1.07	100.00	P	SD-08	S4VEM
49551	F3B59	F3D24	200-59285-9	Sediment	Field_Sample	07/20/2021	20:28:27	7440-43-9	Cadmium	0.59		mg/kg	0.57	07/13/2021	07/16/2021	07/15/2021	81.6	1.07	100.00	P	SD-08	S4VEM
49551	F3B59	F3D24	200-59285-9	Sediment	Field_Sample	07/22/2021	19:06:00	7440-70-2	Calcium	530	LJ	mg/kg	570	07/13/2021	07/16/2021	07/15/2021	81.6	1.07	100.00	P	SD-08	S4VEM
49551	F3B59	F3D24	200-59285-9	Sediment	Field_Sample	07/20/2021	20:28:27	7440-47-3	Chromium	120		mg/kg	1.1	07/13/2021	07/16/2021	07/15/2021	81.6	1.07	100.00	P	SD-08	S4VEM
49551	F3B59	F3D24	200-59285-9	Sediment	Field_Sample	07/20/2021	20:28:27	7440-48-4	Cobalt	5.7		mg/kg	5.7	07/13/2021	07/16/2021	07/15/2021	81.6	1.07	100.00	P	SD-08	S4VEM
49551	F3B59	F3D24	200-59285-9	Sediment	Field_Sample	07/20/2021	20:28:27	7440-50-8	Copper	990		mg/kg	2.9	07/13/2021	07/16/2021	07/15/2021	81.6	1.07	100.00	P	SD-08	S4VEM
49551	F3B59	F3D24	200-59285-9	Sediment	Field_Sample	07/20/2021	20:28:27	7439-89-6	Iron	18000		mg/kg	11	07/13/2021	07/16/2021	07/15/2021	81.6	1.07	100.00	P	SD-08	S4VEM
49551	F3B59	F3D24	200-59285-9	Sediment	Field_Sample	07/20/2021	20:28:27	7439-92-1	Lead	62		mg/kg	1.1	07/13/2021	07/16/2021	07/15/2021	81.6	1.07	100.00	P	SD-08	S4VEM
49551	F3B59	F3D24	200-59285-9	Sediment	Field_Sample	07/22/2021	19:06:00	7439-95-4	Magnesium	1400		mg/kg	570	07/13/2021	07/16/2021	07/15/2021	81.6	1.07	100.00	P	SD-08	S4VEM
49551	F3B59	F3D24	200-59285-9	Sediment	Field_Sample	07/20/2021	20:28:27	7439-96-5	Manganese	310		mg/kg	1.7	07/13/2021	07/16/2021	07/15/2021	81.6	1.07	100.00	P	SD-08	S4VEM
49551	F3B59	F3D24	200-59285-9	Sediment	Field_Sample	07/20/2021	20:28:27	7440-02-0	Nickel	260		mg/kg	4.6	07/13/2021	07/16/2021	07/15/2021	81.6	1.07	100.00	P	SD-08	S4VEM
49551	F3B59	F3D24	200-59285-9	Sediment	Field_Sample	07/20/2021	20:28:27	7440-09-7	Potassium	460	LJ	mg/kg	570	07/13/2021	07/16/2021	07/15/2021	81.6	1.07	100.00	P	SD-08	S4VEM
49551	F3B59	F3D24	200-59285-9	Sediment	Field_Sample	07/20/2021	20:28:27	7782-49-2	Selenium	0.82	LJ	mg/kg	4.0	07/13/2021	07/16/2021	07/15/2021	81.6	1.07	100.00	P	SD-08	S4VEM
49551	F3B59	F3D24	200-59285-9	Sediment	Field_Sample	07/22/2021	19:06:00	7440-22-4	Silver	1.1	U	mg/kg	1.1	07/13/2021	07/16/2021	07/15/2021	81.6	1.07	100.00	P	SD-08	S4VEM
49551	F3B59	F3D24	200-59285-9	Sediment	Field_Sample	07/20/2021	20:28:27	7440-23-5	Sodium	570	U	mg/kg	570	07/13/2021	07/16/2021	07/15/2021	81.6	1.07	100.00	P	SD-08	S4VEM
49551	F3B59	F3D24	200-59285-9	Sediment	Field_Sample	07/20/2021	20:28:27	7440-28-0	Thallium	2.9	U	mg/kg	2.9	07/13/2021	07/16/2021	07/15/2021	81.6	1.07	100.00	P	SD-08	S4VEM
49551	F3B59	F3D24	200-59285-9	Sediment	Field_Sample	07/20/2021	20:28:27	7440-62-2	Vanadium	12		mg/kg	5.7	07/13/2021	07/16/2021	07/15/2021	81.6	1.07	100.00	P	SD-08	S4VEM
49551	F3B59	F3D24	200-59285-9	Sediment	Field_Sample	07/20/2021	20:28:27	7440-66-6	Zinc	76	J	mg/kg	6.9	07/13/2021	07/16/2021	07/15/2021	81.6	1.07	100.00	P	SD-08	S4VEM
49551	F3B59	F3D25	200-59285-10	Sediment	Field_Sample	07/20/2021	20:33:26	7429-90-5	Aluminum	4700		mg/kg	24	07/13/2021	07/16/2021	07/15/2021	82.5	1.03	100.00	P	SD-09	S4VEM
49551	F3B59	F3D25	200-59285-10	Sediment	Field_Sample	07/20/2021	20:33:26	7440-36-0	Antimony	7.1	UJ	mg/kg	7.1	07/13/2021	07/16/2021	07/15/2021	82.5	1.03	100.00	P	SD-09	S4VEM
49551	F3B59	F3D25	200-59285-10	Sediment	Field_Sample	07/20/2021	20:33:26	7440-38-2	Arsenic	5.5		mg/kg	1.2	07/13/2021	07/16/2021	07/15/2021	82.5	1.03	100.00	P	SD-09	S4VEM
49551	F3B59	F3D25	200-59285-10	Sediment	Field_Sample	07/22/2021	19:11:09	7440-39-3	Barium	29		mg/kg	24	07/13/2021	07/16/2021	07/15/2021	82.5	1.03	100.00	P	SD-09	S4VEM
49551	F3B59	F3D25	200-59285-10	Sediment	Field_Sample	07/20/2021	20:33:26	7440-41-7	Beryllium	0.48	LJ	mg/kg	0.59	07/13/2021	07/16/2021	07/15/2021	82.5	1.03	100.00	P	SD-09	S4VEM
49551	F3B59	F3D25	200-59285-10	Sediment	Field_Sample	07/20/2021	20:33:26	7440-43-9	Cadmium	0.59	U	mg/kg	0.59	07/13/2021	07/16/2021	07/15/2021	82.5	1.03	100.00	P	SD-09	S4VEM
49551	F3B59	F3D25	200-59285-10	Sediment	Field_Sample	07/22/2021	19:11:09	7440-70-2	Calcium	140	LJ	mg/kg	590	07/13/2021	07/16/2021	07/15/2021	82.5	1.03	100.00	P	SD-09	S4VEM
49551	F3B59	F3D25	200-59285-10	Sediment	Field_Sample	07/20/2021	20:33:26	7440-47-3	Chromium	32		mg/kg	1.2	07/13/2021	07/16/2021	07/15/2021	82.5	1.03	100.00	P	SD-09	S4VEM
49551	F3B59	F3D25	200-59285-10	Sediment	Field_Sample	07/20/2021	20:33:26	7440-48-4	Cobalt	4.9	LJ	mg/kg	5.9	07/13/2021	07/16/2021	07/15/2021	82.5	1.03	100.00	P	SD-09	S4VEM
49551	F3B59	F3D25	200-59285-10	Sediment	Field_Sample	07/20/2021	20:33:26	7440-50-8	Copper	100		mg/kg	2.9	07/13/2021	07/16/2021	07/15/2021	82.5	1.03	100.00	P	SD-09	S4VEM
49551	F3B59	F3D25	200-59285-10	Sediment	Field_Sample	07/20/2021	20:33:26	7439-89-6	Iron	15000		mg/kg	12	07/13/2021	07/16/2021	07/15/2021	82.5	1.03	100.00	P	SD-09	S4VEM
49551	F3B59	F3D25	200-59285-10	Sediment	Field_Sample	07/20/2021	20:33:26	7439-92-1	Lead	9.1		mg/kg	1.2	07/13/2021	07/16/2021	07/15/2021	82.5	1.03	100.00	P	SD-09	S4VEM
49551	F3B59	F3D25	200-59285-10	Sediment	Field_Sample	07/22/2021	19:11:09	7439-95-4	Magnesium	360	LJ	mg/kg	590	07/13/2021	07/16/2021	07/15/2021	82.5	1.03	100.00	P	SD-09	S4VEM
49551	F3B59	F3D25	200-59285-10	Sediment	Field_Sample	07/20/2021	20:33:26	7439-96-5	Manganese	170		mg/kg	1.8	07/13/2021	07/16/2021	07/15/2021	82.5	1.03	100.00	P	SD-09	S4VEM

49551	F3B59	F3D25	200-59285-10	Sediment	Field_Sample	07/20/2021	20:33:26	7440-02-0	Nickel	21		mg/kg	4.7	07/13/2021	07/16/2021	07/15/2021	82.5	1.03	100.00	P	SD-09	S4VEM
49551	F3B59	F3D25	200-59285-10	Sediment	Field_Sample	07/20/2021	20:33:26	7440-09-7	Potassium	290	LJ	mg/kg	590	07/13/2021	07/16/2021	07/15/2021	82.5	1.03	100.00	P	SD-09	S4VEM
49551	F3B59	F3D25	200-59285-10	Sediment	Field_Sample	07/20/2021	20:33:26	7782-49-2	Selenium	0.46	LJ	mg/kg	4.1	07/13/2021	07/16/2021	07/15/2021	82.5	1.03	100.00	P	SD-09	S4VEM
49551	F3B59	F3D25	200-59285-10	Sediment	Field_Sample	07/22/2021	19:11:09	7440-22-4	Silver	1.2	U	mg/kg	1.2	07/13/2021	07/16/2021	07/15/2021	82.5	1.03	100.00	P	SD-09	S4VEM
49551	F3B59	F3D25	200-59285-10	Sediment	Field_Sample	07/20/2021	20:33:26	7440-23-5	Sodium	590	U	mg/kg	590	07/13/2021	07/16/2021	07/15/2021	82.5	1.03	100.00	P	SD-09	S4VEM
49551	F3B59	F3D25	200-59285-10	Sediment	Field_Sample	07/20/2021	20:33:26	7440-28-0	Thallium	2.9	U	mg/kg	2.9	07/13/2021	07/16/2021	07/15/2021	82.5	1.03	100.00	P	SD-09	S4VEM
49551	F3B59	F3D25	200-59285-10	Sediment	Field_Sample	07/20/2021	20:33:26	7440-62-2	Vanadium	21		mg/kg	5.9	07/13/2021	07/16/2021	07/15/2021	82.5	1.03	100.00	P	SD-09	S4VEM
49551	F3B59	F3D25	200-59285-10	Sediment	Field_Sample	07/20/2021	20:33:26	7440-66-6	Zinc	21	J	mg/kg	7.1	07/13/2021	07/16/2021	07/15/2021	82.5	1.03	100.00	P	SD-09	S4VEM
49551	F3B59	F3D26	200-59285-11	Sediment	Field_Sample	07/20/2021	20:48:55	7429-90-5	Aluminum	12000		mg/kg	27	07/13/2021	07/16/2021	07/15/2021	69.0	1.09	100.00	P	SD-10	S4VEM
49551	F3B59	F3D26	200-59285-11	Sediment	Field_Sample	07/20/2021	20:48:55	7440-36-0	Antimony	0.45	LJ	mg/kg	8.0	07/13/2021	07/16/2021	07/15/2021	69.0	1.09	100.00	P	SD-10	S4VEM
49551	F3B59	F3D26	200-59285-11	Sediment	Field_Sample	07/20/2021	20:48:55	7440-38-2	Arsenic	2.6		mg/kg	1.3	07/13/2021	07/16/2021	07/15/2021	69.0	1.09	100.00	P	SD-10	S4VEM
49551	F3B59	F3D26	200-59285-11	Sediment	Field_Sample	07/22/2021	19:26:36	7440-39-3	Barium	110		mg/kg	27	07/13/2021	07/16/2021	07/15/2021	69.0	1.09	100.00	P	SD-10	S4VEM
49551	F3B59	F3D26	200-59285-11	Sediment	Field_Sample	07/20/2021	20:48:55	7440-41-7	Beryllium	1.0		mg/kg	0.66	07/13/2021	07/16/2021	07/15/2021	69.0	1.09	100.00	P	SD-10	S4VEM
49551	F3B59	F3D26	200-59285-11	Sediment	Field_Sample	07/20/2021	20:48:55	7440-43-9	Cadmium	0.66	U	mg/kg	0.66	07/13/2021	07/16/2021	07/15/2021	69.0	1.09	100.00	P	SD-10	S4VEM
49551	F3B59	F3D26	200-59285-11	Sediment	Field_Sample	07/22/2021	19:26:36	7440-70-2	Calcium	840		mg/kg	660	07/13/2021	07/16/2021	07/15/2021	69.0	1.09	100.00	P	SD-10	S4VEM
49551	F3B59	F3D26	200-59285-11	Sediment	Field_Sample	07/20/2021	20:48:55	7440-47-3	Chromium	71		mg/kg	1.3	07/13/2021	07/16/2021	07/15/2021	69.0	1.09	100.00	P	SD-10	S4VEM
49551	F3B59	F3D26	200-59285-11	Sediment	Field_Sample	07/20/2021	20:48:55	7440-48-4	Cobalt	23		mg/kg	6.6	07/13/2021	07/16/2021	07/15/2021	69.0	1.09	100.00	P	SD-10	S4VEM
49551	F3B59	F3D26	200-59285-11	Sediment	Field_Sample	07/20/2021	20:48:55	7440-50-8	Copper	980		mg/kg	3.3	07/13/2021	07/16/2021	07/15/2021	69.0	1.09	100.00	P	SD-10	S4VEM
49551	F3B59	F3D26	200-59285-11	Sediment	Field_Sample	07/20/2021	20:48:55	7439-89-6	Iron	23000		mg/kg	13	07/13/2021	07/16/2021	07/15/2021	69.0	1.09	100.00	P	SD-10	S4VEM
49551	F3B59	F3D26	200-59285-11	Sediment	Field_Sample	07/20/2021	20:48:55	7439-92-1	Lead	30		mg/kg	1.3	07/13/2021	07/16/2021	07/15/2021	69.0	1.09	100.00	P	SD-10	S4VEM
49551	F3B59	F3D26	200-59285-11	Sediment	Field_Sample	07/22/2021	19:26:36	7439-95-4	Magnesium	2400		mg/kg	660	07/13/2021	07/16/2021	07/15/2021	69.0	1.09	100.00	P	SD-10	S4VEM
49551	F3B59	F3D26	200-59285-11	Sediment	Field_Sample	07/20/2021	20:48:55	7439-96-5	Manganese	440		mg/kg	2.0	07/13/2021	07/16/2021	07/15/2021	69.0	1.09	100.00	P	SD-10	S4VEM
49551	F3B59	F3D26	200-59285-11	Sediment	Field_Sample	07/20/2021	20:48:55	7440-02-0	Nickel	250		mg/kg	5.3	07/13/2021	07/16/2021	07/15/2021	69.0	1.09	100.00	P	SD-10	S4VEM
49551	F3B59	F3D26	200-59285-11	Sediment	Field_Sample	07/20/2021	20:48:55	7440-09-7	Potassium	1200		mg/kg	660	07/13/2021	07/16/2021	07/15/2021	69.0	1.09	100.00	P	SD-10	S4VEM
49551	F3B59	F3D26	200-59285-11	Sediment	Field_Sample	07/20/2021	20:48:55	7782-49-2	Selenium	0.79	LJ	mg/kg	4.7	07/13/2021	07/16/2021	07/15/2021	69.0	1.09	100.00	P	SD-10	S4VEM
49551	F3B59	F3D26	200-59285-11	Sediment	Field_Sample	07/22/2021	19:26:36	7440-22-4	Silver	1.3	U	mg/kg	1.3	07/13/2021	07/16/2021	07/15/2021	69.0	1.09	100.00	P	SD-10	S4VEM
49551	F3B59	F3D26	200-59285-11	Sediment	Field_Sample	07/20/2021	20:48:55	7440-23-5	Sodium	39	LJ	mg/kg	660	07/13/2021	07/16/2021	07/15/2021	69.0	1.09	100.00	P	SD-10	S4VEM
49551	F3B59	F3D26	200-59285-11	Sediment	Field_Sample	07/20/2021	20:48:55	7440-28-0	Thallium	3.3	U	mg/kg	3.3	07/13/2021	07/16/2021	07/15/2021	69.0	1.09	100.00	P	SD-10	S4VEM
49551	F3B59	F3D26	200-59285-11	Sediment	Field_Sample	07/20/2021	20:48:55	7440-62-2	Vanadium	18		mg/kg	6.6	07/13/2021	07/16/2021	07/15/2021	69.0	1.09	100.00	P	SD-10	S4VEM
49551	F3B59	F3D26	200-59285-11	Sediment	Field_Sample	07/20/2021	20:48:55	7440-66-6	Zinc	250	J	mg/kg	8.0	07/13/2021	07/16/2021	07/15/2021	69.0	1.09	100.00	P	SD-10	S4VEM
49551	F3B59	F3D27	200-59285-12	Sediment	Field_Sample	07/20/2021	20:54:02	7429-90-5	Aluminum	7000		mg/kg	25	07/13/2021	07/16/2021	07/15/2021	77.7	1.03	100.00	P	SDBK-01	S4VEM
49551	F3B59	F3D27	200-59285-12	Sediment	Field_Sample	07/20/2021	20:54:02	7440-36-0	Antimony	7.5	UJ	mg/kg	7.5	07/13/2021	07/16/2021	07/15/2021	77.7	1.03	100.00	P	SDBK-01	S4VEM
49551	F3B59	F3D27	200-59285-12	Sediment	Field_Sample	07/20/2021	20:54:02	7440-38-2	Arsenic	5.6		mg/kg	1.2	07/13/2021	07/16/2021	07/15/2021	77.7	1.03	100.00	P	SDBK-01	S4VEM
49551	F3B59	F3D27	200-59285-12	Sediment	Field_Sample	07/22/2021	19:31:43	7440-39-3	Barium	58		mg/kg	25	07/13/2021	07/16/2021	07/15/2021	77.7	1.03	100.00	P	SDBK-01	S4VEM
49551	F3B59	F3D27	200-59285-12	Sediment	Field_Sample	07/20/2021	20:54:02	7440-41-7	Beryllium	0.54	LJ	mg/kg	0.62	07/13/2021	07/16/2021	07/15/2021	77.7	1.03	100.00	P	SDBK-01	S4VEM
49551	F3B59	F3D27	200-59285-12	Sediment	Field_Sample	07/20/2021	20:54:02	7440-43-9	Cadmium	0.62	U	mg/kg	0.62	07/13/2021	07/16/2021	07/15/2021	77.7	1.03	100.00	P	SDBK-01	S4VEM
49551	F3B59	F3D27	200-59285-12	Sediment	Field_Sample	07/22/2021	19:31:43	7440-70-2	Calcium	540	LJ	mg/kg	620	07/13/2021	07/16/2021	07/15/2021	77.7	1.03	100.00	P	SDBK-01	S4VEM
49551	F3B59	F3D27	200-59285-12	Sediment	Field_Sample	07/20/2021	20:54:02	7440-47-3	Chromium	14		mg/kg	1.2	07/13/2021	07/16/2021	07/15/2021	77.7	1.03	100.00	P	SDBK-01	S4VEM
49551	F3B59	F3D27	200-59285-12	Sediment	Field_Sample	07/20/2021	20:54:02	7440-48-4	Cobalt	6.5		mg/kg	6.2	07/13/2021	07/16/2021	07/15/2021	77.7	1.03	100.00	P	SDBK-01	S4VEM
49551	F3B59	F3D27	200-59285-12	Sediment	Field_Sample	07/20/2021	20:54:02	7440-50-8	Copper	8.2		mg/kg	3.1	07/13/2021	07/16/2021	07/15/2021	77.7	1.03	100.00	P	SDBK-01	S4VEM
49551	F3B59	F3D27	200-59285-12	Sediment	Field_Sample	07/20/2021	20:54:02	7439-89-6	Iron	16000		mg/kg	12	07/13/2021	07/16/2021	07/15/2021	77.7	1.03	100.00	P	SDBK-01	S4VEM
49551	F3B59	F3D27	200-59285-12	Sediment	Field_Sample	07/20/2021	20:54:02	7439-92-1	Lead	16		mg/kg	1.2	07/13/2021	07/16/2021	07/15/2021	77.7	1.03	100.00	P	SDBK-01	S4VEM
49551	F3B59	F3D27	200-59285-12	Sediment	Field_Sample	07/22/2021	19:31:43	7439-95-4	Magnesium	1100		mg/kg	620	07/13/2021	07/16/2021	07/15/2021	77.7	1.03	100.00	P	SDBK-01	S4VEM
49551	F3B59	F3D27	200-59285-12	Sediment	Field_Sample	07/20/2021	20:54:02	7439-96-5	Manganese	510		mg/kg	1.9	07/13/2021	07/16/2021	07/15/2021	77.7	1.03	100.00	P	SDBK-01	S4VEM
49551	F3B59	F3D27	200-59285-12	Sediment	Field_Sample	07/20/2021	20:54:02	7440-02-0	Nickel	8.8		mg/kg	5.0	07/13/2021	07/16/2021	07/15/2021	77.7	1.03	100.00	P	SDBK-01	S4VEM
49551	F3B59	F3D27	200-59285-12	Sediment	Field_Sample	07/20/2021	20:54:02	7440-09-7	Potassium	620		mg/kg	620	07/13/2021	07/16/2021	07/15/2021	77.7	1.03	100.00	P	SDBK-01	S4VEM
49551	F3B59	F3D27	200-59285-12	Sediment	Field_Sample	07/20/2021	20:54:02	7782-49-2	Selenium	4.4	U	mg/kg	4.4	07/13/2021	07/16/2021	07/15/2021	77.7	1.03	100.00	P	SDBK-01	S4VEM
49551	F3B59	F3D27	200-59285-12	Sediment	Field_Sample	07/22/2021	19:31:43	7440-22-4	Silver	1.2	U	mg/kg	1.2	07/13/2021	07/16/2021	07/15/2021	77.7	1.03	100.00	P	SDBK-01	S4VEM
49551	F3B59	F3D27	200-59285-12	Sediment	Field_Sample	07/20/2021	20:54:02	7440-23-5	Sodium	24	LJ	mg/kg	620	07/13/2021	07/16/2021	07/15/2021	77.7	1.03	100.00	P	SDBK-01	S4VEM
49551	F3B59	F3D27	200-59285-12	Sediment	Field_Sample	07/20/2021	20:54:02	7440-28-0	Thallium	3.1	U	mg/kg	3.1	07/13/2021	07/16/2021	07/15/2021	77.7	1.03	100.00	P	SDBK-01	S4VEM
49551	F3B59	F3D27	200-59285-12	Sediment	Field_Sample	07/20/2021	20:54:02	7440-62-2	Vanadium	15		mg/kg	6.2	07/13/2021	07/16/2021	07/15/2021	77.7	1.03	100.00	P	SDBK-01	S4VEM
49551	F3B59	F3D27	200-59285-12	Sediment	Field_Sample	07/20/2021	20:54:02	7440-66-6	Zinc	51	J	mg/kg	7.5	07/13/2021	07/16/2021	07/15/2021	77.7	1.03	100.00	P	SDBK-01	S4VEM
49551	F3B59	F3D28	200-59285-13	W	Field_Sample	07/20/2021	21:09:22	7429-90-5	Aluminum	78	LJ	ug/L	200	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-01	S4VEM
49551	F3B59	F3D28	200-59285-13	W	Field_Sample	07/20/2021	21:09:22	7440-36-0	Antimony	60	U	ug/L	60	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-01	S4VEM
49551	F3B59	F3D28	200-59285-13	W	Field_Sample	07/20/2021	21:09:22	7440-38-2	Arsenic	10	U	ug/L	10	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-01	S4VEM
49551	F3B59	F3D28	200-59285-13	W	Field_Sample	07/22/2021	19:47:05	7440-39-3	Barium	14	LJ	ug/L	200	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-01	S4VEM
49551	F3B59	F3D28	200-59285-13	W	Field_Sample	07/20/2021	21:09:22	7440-41-7	Beryllium	5.0	U	ug/L	5.0	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-01	S4VEM
49551	F3B59	F3D28	200-59285-13	W	Field_Sample	07/20/2021	21:09:22	7440-43-9	Cadmium	5.0	U	ug/L	5.0	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-01	S4VEM
49551	F3B59	F3D28	200-59285-13	W	Field_Sample	07/22/2021	19:47:05	7440-70-2	Calcium	5500		ug/L	5000	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-01	S4VEM
49551	F3B59	F3D28	200-59285-13	W	Field_Sample	07/20/2021	21:09:22	7440-47-3	Chromium	10	U	ug/L	10	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-01	S4VEM
49551	F3B59	F3D28	200-59285-13	W	Field_Sample	07/20/2021	21:09:22	7440-48-4	Cobalt	50	U	ug/L	50	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-01	S4VEM
49551	F3B59	F3D28	200-59285-13	W	Field_Sample	07/20/2021	21:09:22	7440-50-8	Copper	25	U	ug/L	25	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-01	S4VEM
49551	F3B59	F3D28	200-59285-13	W	Field_Sample	07/22/2021	19:47:05	7439-89-6	Iron	430		ug/L	100	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-01	S4VEM
49551	F3B59	F3D28	200-59285-13	W	Field_Sample	07/20/2021	21:09:22	7439-92-1	Lead	10	U	ug/L	10	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-01	S4VEM
49551	F3B59	F3D28	200-59285-13	W	Field_Sample	07/22/2021	19:47:05	7439-95-4	Magnesium	1900	LJ	ug/L	5000	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-01	S4VEM
49551	F3B59	F3D28	200-59285-13	W	Field_Sample	07/20/2021	21:09:22	7439-96-5	Manganese	16		ug/L	15	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-01	S4VEM
49551	F3B59	F3D28	200-59285-13	W	Field_Sample	07/20/2021	21:09:22	7440-02-0	Nickel	40	U	ug/L	40	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-01	S4VEM
49551	F3B59	F3D28	200-59285-13	W	Field_Sample	07/20/2021	21:09:22	7440-09-7	Potassium	1800	LJ	ug/L	5000	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-01	S4VEM
49551	F3B59	F3D28	200-59285-13	W	Field_Sample	07/20/2021	21:09:22	7782-49-2	Selenium	35	U	ug/L	35	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-01	S4VEM
49551	F3B59	F3D28	200-59285-13	W	Field_Sample	07/22/2021	19:47:05	7440-22-4	Silver	10	U	ug/L	10	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-01	S4VEM
49551	F3B59	F3D28	200-59285-13	W	Field_Sample	07/20/2021	21:09:22	7440-23-5	Sodium	3800	LJ	ug/L	5000	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-01	S4VEM

Page

49551	F3B59	F3D28	200-59285-13	W	Field_Sample	07/20/2021	21:09:22	7440-28-0	Thallium	25	U	ug/L	25	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-01	S4VEM
49551	F3B59	F3D28	200-59285-13	W	Field_Sample	07/20/2021	21:09:22	7440-62-2	Vanadium	50	U	ug/L	50	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-01	S4VEM
49551	F3B59	F3D28	200-59285-13	W	Field_Sample	07/20/2021	21:09:22	7440-66-6	Zinc	60	U	ug/L	60	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-01	S4VEM
49551	F3B59	F3D29	200-59285-14	W	Field_Sample	07/20/2021	21:34:45	7429-90-5	Aluminum	81	LJ	ug/L	200	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-02	S4VEM
49551	F3B59	F3D29	200-59285-14	W	Field_Sample	07/20/2021	21:34:45	7440-36-0	Antimony	60	U	ug/L	60	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-02	S4VEM
49551	F3B59	F3D29	200-59285-14	W	Field_Sample	07/20/2021	21:34:45	7440-38-2	Arsenic	10	U	ug/L	10	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-02	S4VEM
49551	F3B59	F3D29	200-59285-14	W	Field_Sample	07/22/2021	20:12:24	7440-39-3	Barium	14	LJ	ug/L	200	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-02	S4VEM
49551	F3B59	F3D29	200-59285-14	W	Field_Sample	07/20/2021	21:34:45	7440-41-7	Beryllium	5.0	U	ug/L	5.0	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-02	S4VEM
49551	F3B59	F3D29	200-59285-14	W	Field_Sample	07/20/2021	21:34:45	7440-43-9	Cadmium	5.0	U	ug/L	5.0	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-02	S4VEM
49551	F3B59	F3D29	200-59285-14	W	Field_Sample	07/22/2021	20:12:24	7440-70-2	Calcium	5300		ug/L	5000	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-02	S4VEM
49551	F3B59	F3D29	200-59285-14	W	Field_Sample	07/20/2021	21:34:45	7440-47-3	Chromium	10	U	ug/L	10	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-02	S4VEM
49551	F3B59	F3D29	200-59285-14	W	Field_Sample	07/20/2021	21:34:45	7440-48-4	Cobalt	50	U	ug/L	50	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-02	S4VEM
49551	F3B59	F3D29	200-59285-14	W	Field_Sample	07/20/2021	21:34:45	7440-50-8	Copper	25	U	ug/L	25	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-02	S4VEM
49551	F3B59	F3D29	200-59285-14	W	Field_Sample	07/22/2021	20:12:24	7439-89-6	Iron	390		ug/L	100	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-02	S4VEM
49551	F3B59	F3D29	200-59285-14	W	Field_Sample	07/20/2021	21:34:45	7439-92-1	Lead	10	U	ug/L	10	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-02	S4VEM
49551	F3B59	F3D29	200-59285-14	W	Field_Sample	07/22/2021	20:12:24	7439-95-4	Magnesium	1800	LJ	ug/L	5000	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-02	S4VEM
49551	F3B59	F3D29	200-59285-14	W	Field_Sample	07/20/2021	21:34:45	7439-96-5	Manganese	20		ug/L	15	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-02	S4VEM
49551	F3B59	F3D29	200-59285-14	W	Field_Sample	07/20/2021	21:34:45	7440-02-0	Nickel	40	U	ug/L	40	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-02	S4VEM
49551	F3B59	F3D29	200-59285-14	W	Field_Sample	07/20/2021	21:34:45	7440-09-7	Potassium	1800	LJ	ug/L	5000	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-02	S4VEM
49551	F3B59	F3D29	200-59285-14	W	Field_Sample	07/20/2021	21:34:45	7782-49-2	Selenium	35	U	ug/L	35	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-02	S4VEM
49551	F3B59	F3D29	200-59285-14	W	Field_Sample	07/22/2021	20:12:24	7440-22-4	Silver	10	U	ug/L	10	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-02	S4VEM
49551	F3B59	F3D29	200-59285-14	W	Field_Sample	07/20/2021	21:34:45	7440-23-5	Sodium	3900	LJ	ug/L	5000	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-02	S4VEM
49551	F3B59	F3D29	200-59285-14	W	Field_Sample	07/20/2021	21:34:45	7440-28-0	Thallium	25	U	ug/L	25	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-02	S4VEM
49551	F3B59	F3D29	200-59285-14	W	Field_Sample	07/20/2021	21:34:45	7440-62-2	Vanadium	50	U	ug/L	50	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-02	S4VEM
49551	F3B59	F3D29	200-59285-14	W	Field_Sample	07/20/2021	21:34:45	7440-66-6	Zinc	60	U	ug/L	60	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-02	S4VEM
49551	F3B59	F3D30	200-59285-15	W	Field_Sample	07/20/2021	21:50:21	7429-90-5	Aluminum	100	LJ	ug/L	200	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-03	S4VEM
49551	F3B59	F3D30	200-59285-15	W	Field_Sample	07/20/2021	21:50:21	7440-36-0	Antimony	60	U	ug/L	60	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-03	S4VEM
49551	F3B59	F3D30	200-59285-15	W	Field_Sample	07/20/2021	21:50:21	7440-38-2	Arsenic	10	U	ug/L	10	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-03	S4VEM
49551	F3B59	F3D30	200-59285-15	W	Field_Sample	07/22/2021	20:27:56	7440-39-3	Barium	13	LJ	ug/L	200	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-03	S4VEM
49551	F3B59	F3D30	200-59285-15	W	Field_Sample	07/20/2021	21:50:21	7440-41-7	Beryllium	5.0	U	ug/L	5.0	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-03	S4VEM
49551	F3B59	F3D30	200-59285-15	W	Field_Sample	07/20/2021	21:50:21	7440-43-9	Cadmium	5.0	U	ug/L	5.0	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-03	S4VEM
49551	F3B59	F3D30	200-59285-15	W	Field_Sample	07/22/2021	20:27:56	7440-70-2	Calcium	5300		ug/L	5000	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-03	S4VEM
49551	F3B59	F3D30	200-59285-15	W	Field_Sample	07/20/2021	21:50:21	7440-47-3	Chromium	10	U	ug/L	10	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-03	S4VEM
49551	F3B59	F3D30	200-59285-15	W	Field_Sample	07/20/2021	21:50:21	7440-48-4	Cobalt	50	U	ug/L	50	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-03	S4VEM
49551	F3B59	F3D30	200-59285-15	W	Field_Sample	07/20/2021	21:50:21	7440-50-8	Copper	25	U	ug/L	25	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-03	S4VEM
49551	F3B59	F3D30	200-59285-15	W	Field_Sample	07/20/2021	21:50:21	7439-89-6	Iron	410		ug/L	100	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-03	S4VEM
49551	F3B59	F3D30	200-59285-15	W	Field_Sample	07/20/2021	21:50:21	7439-92-1	Lead	10	U	ug/L	10	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-03	S4VEM
49551	F3B59	F3D30	200-59285-15	W	Field_Sample	07/22/2021	20:27:56	7439-95-4	Magnesium	1800	LJ	ug/L	5000	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-03	S4VEM
49551	F3B59	F3D30	200-59285-15	W	Field_Sample	07/20/2021	21:50:21	7439-96-5	Manganese	17		ug/L	15	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-03	S4VEM
49551	F3B59	F3D30	200-59285-15	W	Field_Sample	07/20/2021	21:50:21	7440-02-0	Nickel	40	U	ug/L	40	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-03	S4VEM
49551	F3B59	F3D30	200-59285-15	W	Field_Sample	07/20/2021	21:50:21	7440-09-7	Potassium	1800	LJ	ug/L	5000	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-03	S4VEM
49551	F3B59	F3D30	200-59285-15	W	Field_Sample	07/20/2021	21:50:21	7782-49-2	Selenium	35	U	ug/L	35	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-03	S4VEM
49551	F3B59	F3D30	200-59285-15	W	Field_Sample	07/22/2021	20:27:56	7440-22-4	Silver	10	U	ug/L	10	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-03	S4VEM
49551	F3B59	F3D30	200-59285-15	W	Field_Sample	07/20/2021	21:50:21	7440-23-5	Sodium	4000	LJ	ug/L	5000	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-03	S4VEM
49551	F3B59	F3D30	200-59285-15	W	Field_Sample	07/20/2021	21:50:21	7440-28-0	Thallium	25	U	ug/L	25	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-03	S4VEM
49551	F3B59	F3D30	200-59285-15	W	Field_Sample	07/20/2021	21:50:21	7440-62-2	Vanadium	50	U	ug/L	50	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-03	S4VEM
49551	F3B59	F3D30	200-59285-15	W	Field_Sample	07/20/2021	21:50:21	7440-66-6	Zinc	60	U	ug/L	60	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SW-03	S4VEM
49551	F3B59	F3D31	200-59285-16	W	Field_Sample	07/20/2021	21:55:27	7429-90-5	Aluminum	100	LJ	ug/L	200	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SWBK-01	S4VEM
49551	F3B59	F3D31	200-59285-16	W	Field_Sample	07/20/2021	21:55:27	7440-36-0	Antimony	60	U	ug/L	60	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SWBK-01	S4VEM
49551	F3B59	F3D31	200-59285-16	W	Field_Sample	07/20/2021	21:55:27	7440-38-2	Arsenic	10	U	ug/L	10	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SWBK-01	S4VEM
49551	F3B59	F3D31	200-59285-16	W	Field_Sample	07/22/2021	20:33:02	7440-39-3	Barium	14	LJ	ug/L	200	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SWBK-01	S4VEM
49551	F3B59	F3D31	200-59285-16	W	Field_Sample	07/20/2021	21:55:27	7440-41-7	Beryllium	5.0	U	ug/L	5.0	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SWBK-01	S4VEM
49551	F3B59	F3D31	200-59285-16	W	Field_Sample	07/20/2021	21:55:27	7440-43-9	Cadmium	5.0	U	ug/L	5.0	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SWBK-01	S4VEM
49551	F3B59	F3D31	200-59285-16	W	Field_Sample	07/22/2021	20:33:02	7440-70-2	Calcium	5400		ug/L	5000	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SWBK-01	S4VEM
49551	F3B59	F3D31	200-59285-16	W	Field_Sample	07/20/2021	21:55:27	7440-47-3	Chromium	10	U	ug/L	10	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SWBK-01	S4VEM
49551	F3B59	F3D31	200-59285-16	W	Field_Sample	07/20/2021	21:55:27	7440-48-4	Cobalt	50	U	ug/L	50	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SWBK-01	S4VEM
49551	F3B59	F3D31	200-59285-16	W	Field_Sample	07/20/2021	21:55:27	7440-50-8	Copper	25	U	ug/L	25	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SWBK-01	S4VEM
49551	F3B59	F3D31	200-59285-16	W	Field_Sample	07/22/2021	20:33:02	7439-89-6	Iron	420		ug/L	100	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SWBK-01	S4VEM
49551	F3B59	F3D31	200-59285-16	W	Field_Sample	07/20/2021	21:55:27	7439-92-1	Lead	10	U	ug/L	10	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SWBK-01	S4VEM
49551	F3B59	F3D31	200-59285-16	W	Field_Sample	07/22/2021	20:33:02	7439-95-4	Magnesium	1800	LJ	ug/L	5000	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SWBK-01	S4VEM
49551	F3B59	F3D31	200-59285-16	W	Field_Sample	07/20/2021	21:55:27	7439-96-5	Manganese	16		ug/L	15	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SWBK-01	S4VEM
49551	F3B59	F3D31	200-59285-16	W	Field_Sample	07/20/2021	21:55:27	7440-02-0	Nickel	40	U	ug/L	40	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SWBK-01	S4VEM
49551	F3B59	F3D31	200-59285-16	W	Field_Sample	07/20/2021	21:55:27	7440-09-7	Potassium	1900	LJ	ug/L	5000	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SWBK-01	S4VEM
49551	F3B59	F3D31	200-59285-16	W	Field_Sample	07/20/2021	21:55:27	7782-49-2	Selenium	35	U	ug/L	35	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SWBK-01	S4VEM
49551	F3B59	F3D31	200-59285-16	W	Field_Sample	07/22/2021	20:33:02	7440-22-4	Silver	10	U	ug/L	10	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SWBK-01	S4VEM
49551	F3B59	F3D31	200-59285-16	W	Field_Sample	07/20/2021	21:55:27	7440-23-5	Sodium	4000	LJ	ug/L	5000	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SWBK-01	S4VEM
49551	F3B59	F3D31	200-59285-16	W	Field_Sample	07/20/2021	21:55:27	7440-28-0	Thallium	25	U	ug/L	25	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SWBK-01	S4VEM
49551	F3B59	F3D31	200-59285-16	W	Field_Sample	07/20/2021	21:55:27	7440-62-2	Vanadium	50	U	ug/L	50	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SWBK-01	S4VEM
49551	F3B59	F3D31	200-59285-16	W	Field_Sample	07/20/2021	21:55:27	7440-66-6	Zinc	60	U	ug/L	60	07/13/2021	07/16/2021	07/15/2021	0.0	50.00	50.00	P	SWBK-01	S4VEM
49551	F3B59	F3B59	200-59285-1	Sediment	Field_Sample	07/22/2021	13:56:02	7439-97-6	Mercury	0.027	LJ	mg/kg	0.11	07/13/2021	07/22/2021	07/15/2021	88.2	0.50	100.00	CV	SD-03	S4VEM
49551	F3B59	F3D17	200-59285-2	Sediment	Field_Sample	07/22/2021	14:03:38	7439-97-6	Mercury	0.012	LJ	mg/kg	0.12	07/13/2021	07/22/2021	07/15/2021	80.5	0.54	100.00	CV	SD-01	S4VEM

49551	F3B59	F3D18	200-59285-3	Sediment	Field_Sample	07/22/2021	14:06:10	7439-97-6	Mercury	0.013	LJ	mg/kg	0.11	07/13/2021	07/22/2021	07/15/2021	87.2	0.51	100.00	CV	SD-02	S4VEM
49551	F3B59	F3D19	200-59285-4	Sediment	Field_Sample	07/22/2021	14:08:43	7439-97-6	Mercury	0.023	LJ	mg/kg	0.10	07/13/2021	07/22/2021	07/15/2021	88.8	0.54	100.00	CV	SD-03	S4VEM
49551	F3B59	F3D20	200-59285-5	Sediment	Field_Sample	07/22/2021	14:11:15	7439-97-6	Mercury	0.030	LJ	mg/kg	0.11	07/13/2021	07/22/2021	07/15/2021	80.7	0.54	100.00	CV	SD-04	S4VEM
49551	F3B59	F3D21	200-59285-6	Sediment	Field_Sample	07/22/2021	14:20:30	7439-97-6	Mercury	0.039	LJ	mg/kg	0.13	07/13/2021	07/22/2021	07/15/2021	71.7	0.53	100.00	CV	SD-05	S4VEM
49551	F3B59	F3D22	200-59285-7	Sediment	Field_Sample	07/22/2021	14:23:03	7439-97-6	Mercury	0.043	LJ	mg/kg	0.13	07/13/2021	07/22/2021	07/15/2021	67.5	0.55	100.00	CV	SD-06	S4VEM
49551	F3B59	F3D23	200-59285-8	Sediment	Field_Sample	07/22/2021	14:25:34	7439-97-6	Mercury	0.045	LJ	mg/kg	0.13	07/13/2021	07/22/2021	07/15/2021	63.9	0.59	100.00	CV	SD-07	S4VEM
49551	F3B59	F3D24	200-59285-9	Sediment	Field_Sample	07/22/2021	14:28:05	7439-97-6	Mercury	0.011	LJ	mg/kg	0.11	07/13/2021	07/22/2021	07/15/2021	81.6	0.56	100.00	CV	SD-08	S4VEM
49551	F3B59	F3D25	200-59285-10	Sediment	Field_Sample	07/22/2021	14:30:37	7439-97-6	Mercury	0.011	LJ	mg/kg	0.11	07/13/2021	07/22/2021	07/15/2021	82.5	0.56	100.00	CV	SD-09	S4VEM
49551	F3B59	F3D26	200-59285-11	Sediment	Field_Sample	07/22/2021	14:33:09	7439-97-6	Mercury	0.031	LJ	mg/kg	0.13	07/13/2021	07/22/2021	07/15/2021	69.0	0.56	100.00	CV	SD-10	S4VEM
49551	F3B59	F3D27	200-59285-12	Sediment	Field_Sample	07/22/2021	14:35:41	7439-97-6	Mercury	0.020	LJ	mg/kg	0.11	07/13/2021	07/22/2021	07/15/2021	77.7	0.58	100.00	CV	SDBK-01	S4VEM
49551	F3B59	F3D28	200-59285-13	W	Field_Sample	07/20/2021	15:21:28	7439-97-6	Mercury	0.20	U	ug/L	0.20	07/13/2021	07/20/2021	07/15/2021	0.0	50.00	50.00	CV	SW-01	S4VEM
49551	F3B59	F3D29	200-59285-14	W	Field_Sample	07/20/2021	15:29:04	7439-97-6	Mercury	0.20	U	ug/L	0.20	07/13/2021	07/20/2021	07/15/2021	0.0	50.00	50.00	CV	SW-02	S4VEM
49551	F3B59	F3D30	200-59285-15	W	Field_Sample	07/20/2021	15:31:36	7439-97-6	Mercury	0.20	U	ug/L	0.20	07/13/2021	07/20/2021	07/15/2021	0.0	50.00	50.00	CV	SW-03	S4VEM
49551	F3B59	F3D31	200-59285-16	W	Field_Sample	07/20/2021	15:40:50	7439-97-6	Mercury	0.20	U	ug/L	0.20	07/13/2021	07/20/2021	07/15/2021	0.0	50.00	50.00	CV	SWBK-01	S4VEM

INORGANIC/ORGANIC COMPLETE SDG FILE (CSF) INVENTORY CHECKLIST

Case No. 49551 SDG No. F3B59 SDG Nos. To Follow Mod. Ref No. Date Rec. 8/3/2021

EPA Lab ID: ETB

Lab Location: South Burlington, VT

Region: 6 Audit No.: 49551/F3B59

Re_Submitted CSF? Yes No X

Box No(s): 1

COMMENTS:

Item Description

14./15. Sample tags were not used for this case.

Over for additional comments.

ORIGINALS	YES	NO	N/A
CUSTODY SEALS			
1. Present on package?	X		
2. Intact upon receipt?	X		
FORM DC-2			
3. Numbering scheme accurate?	X		
4. Are enclosed documents listed?	X		
5. Are listed documents enclosed?	X		
FORM DC-1			
6. Present?	X		
7. Complete?	X		
8. Accurate?	X		
TRAFFIC REPORT /CHAIN-OF-CUSTODY RECORD(s)			
9. Signed?	X		
10. Dated?	X		
AIRBILLS/AIRBILL STICKER			
11. Present?	X		
12. Signed?	X		
13. Dated?	X		
SAMPLE TAGS			
14. Does DC-1 list tags as being included?			X
15. Present?			X
OTHER DOCUMENTS			
16. Complete?	X		
17. Legible?	X		
18. Original?		X	
18a. If "NO", does the copy indicate where original documents are located?	X		

Audited by: Sonya Meekins S. Meekins / ESAT Data Reviewer Date 8/11/2021

Audited by: Date

Signature Printed Name/Title

DC-2__

SDG: F3B59
Contract: 68HERH20D0013

USEPA CLP COC (LAB COPY)
DateShipped: 7/13/2021
CarrierName: FedEx
AirbillNo: 7742 4813 7137

CHAIN OF CUSTODY RECORD

Case # 49551
Cooler #: 6

No: 6-070621-164025-0006
Lab: Eurofins Test America Burlington
Lab Contact: Jim Madison
Lab Phone: 802-932-1028

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
SD-03	F3B59	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ICP-AES/Hg(21)	1066 (4 C) (1)	SD-03	07/13/2021 10:24	200-59385 -1
SD-01	F3D17	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ICP-AES/Hg(21)	1058 (4 C) (1)	SD-01	07/13/2021 09:33	-2
SD-02	F3D18	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ICP-AES/Hg(21)	1061 (4 C) (1)	SD-02	07/13/2021 10:15	-3
SD-03	F3D19	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ICP-AES/Hg(21)	1064 (4 C) (1)	SD-03	07/13/2021 10:24	-4
SD-04	F3D20	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ICP-AES/Hg(21)	1069 (4 C) (1)	SD-04	07/13/2021 11:01	-5
SD-05	F3D21	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ICP-AES/Hg(21)	1074 (4 C) (1)	SD-05	07/13/2021 11:30	-6
SD-06	F3D22	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ICP-AES/Hg(21)	1077 (4 C) (1)	SD-06	07/13/2021 11:44	-7

Sample(s) to be used for Lab QC: SD-03 Tag 1066 - Special Instructions: Sample(s) to be used for Lab QC: SD-03 Tag 1066- ICP- AES 11+ Metals + Hg: Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Na, Ni, Pb, Sb, Se, Tl, V, Zn analysis by SFAM01.1	**Shipment for Case Complete? N**
	Samples Transferred From Chain of Custody #
Analysis Key: ICP-AES/Hg=CLP ICP-AES 11+ Metals, + Hg	

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Samples	AGayle, DEQ	18:00	Taylor Whitehouse ETABurl	7/15/21 1030	Intact

SDG: F3359

USEPA CLP COC (LAB COPY)
DateShipped: 7/13/2021
CarrierName: FedEx
AirbillNo: 7742 4813 7137

CHAIN OF CUSTODY RECORD

Case # 49551
Cooler #: 6

No: 6-070621-164025-0006
Lab: Eurofins Test America Burlington
Lab Contact: Jim Madison
Lab Phone: 802-932-1028

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
SD-07	F3D23	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ICP-AES/Hg(21)	1080 (4 C) (1)	SD-07	07/13/2021 11:47	200-59285-8
SD-08	F3D24	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ICP-AES/Hg(21)	1083 (4 C) (1)	SD-08	07/13/2021 12:00	-9
SD-09	F3D25	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ICP-AES/Hg(21)	1086 (4 C) (1)	SD-09	07/13/2021 12:08	-10
SD-10	F3D26	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ICP-AES/Hg(21)	1089 (4 C) (1)	SD-10	07/13/2021 12:15	-11
SDBK-01	F3D27	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ICP-AES/Hg(21)	1092 (4 C) (1)	SDBK-01	07/13/2021 13:05	-12

Special Instructions: Sample(s) to be used for Lab QC: SD-03 Tag 1066- ICP- AES 11+ Metals + Hg: Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Na, Ni, Pb, Sb, Se, Tl, V, Zn analysis by SFAM01.1

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: ICP-AES/Hg=CLP ICP-AES 11+ Metals, + Hg

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
samples	agayle, DEQ	18:00	Taylor J Whitehouse ETA Burl	7/15/21 1030	Intact

SDG: F31359

USEPA CLP COC (LAB COPY)
DateShipped: 7/13/2021
CarrierName: FedEx
AirbillNo: 7742 4813 7034

CHAIN OF CUSTODY RECORD

Case # 49551
Cooler #: 7

No: 6-070621-164325-0007
Lab: Eurofins Test America Burlington
Lab Contact: Jim Madison
Lab Phone: 802-932-1028

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
SW-01	F3D28	Surface Water/ Anna Gayle Griffiths, DEQ	Grab	ICP-AES/Hg(21)	1095 (HNO3 pH<2), 1096 (HNO3 pH<2) (2)	SW-01	07/13/2021 09:30	300-59285 -13
SW-02	F3D29	Surface Water/ Anna Gayle Griffiths, DEQ	Grab	ICP-AES/Hg(21)	1098 (HNO3 pH<2) (1)	SW-02	07/13/2021 10:50	-14
SW-03	F3D30	Surface Water/ Anna Gayle Griffiths, DEQ	Grab	ICP-AES/Hg(21)	1101 (HNO3 pH<2) (1)	SW-03	07/13/2021 10:55	-15
SWBK-01	F3D31	Surface Water/ Anna Gayle Griffiths, DEQ	Grab	ICP-AES/Hg(21)	1103 (HNO3 pH<2) (1)	SWBK-01	07/13/2021 13:00	-16

Last sample in SDG

Sample(s) to be used for Lab QC: SW-01 Tag 1096 - Special Instructions: Sample(s) to be used for Lab QC: SW-01 Tag 1096- ICP- AES 11+ Metals + Hg: Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Na, Ni, Pb, Sb, Se, Tl, V, Zn analysis by SFAM01.1

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: ICP-AES/Hg=CLP ICP-AES 11+ Metals, + Hg

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Samples	Agayle, DEQ	18:00	Taylor Whitehouse EMAB	7/15/21 1030	Intact

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

Sample and Method Summary

Sample Number	Semivolatiles	Aroclors
F3B40	X	X
F3B41	X	X
F3B42	X	X
F3B43	X	X
F3B44	X	X
F3B45	X	X
F3B46	X	X
F3B47	X	X
F3B48	X	X
F3B49	X	X
F3B50	X	X
F3B51	X	X
F3B52	X	X
F3B53	X	X
F3B54	X	X
F3B55	X	X
F3B55MS	X	X
F3B55MSD	X	X
F3B56	X	X
F3B57	X	X
F3B58	X	X
F3B60	X	X
GPC19x300mm1	X	
GPC19x300mm2	X	
GPC19x300mm3	X	
SBLK01	X	
SLCS01	X	
ABLK02		X
AIBLK01		X
AIBLK03		X
AIBLK04		X
AIBLK05		X
ALCS02		X

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

Sample Number: F3B40	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 30.1	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/24/2021 01:23:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/22/2021 00:00:00	Level: Low
pH:	% Solids: 90.2	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/kg	U	74	8.3
100-52-7	Benzaldehyde	Target		ug/kg	U	360	26
108-95-2	Phenol	Target		ug/kg	U	360	26
111-44-4	Bis(2-chloroethyl)ether	Target		ug/kg	U	360	30
95-57-8	2-Chlorophenol	Target		ug/kg	U	190	30
95-48-7	2-Methylphenol	Target		ug/kg	U	360	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Target		ug/kg	U	360	33
98-86-2	Acetophenone	Target		ug/kg	U	360	30
106-44-5	4-Methylphenol	Target		ug/kg	U	360	31
621-64-7	N-Nitroso-di-n propylamine	Target		ug/kg	U	190	27
67-72-1	Hexachloroethane	Target		ug/kg	U	190	27
98-95-3	Nitrobenzene	Target		ug/kg	U	190	29
78-59-1	Isophorone	Target		ug/kg	U	190	27
88-75-5	2-Nitrophenol	Target		ug/kg	U	190	34
105-67-9	2,4-Dimethylphenol	Target		ug/kg	U	190	22
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/kg	U	190	28
120-83-2	2,4-Dichlorophenol	Target		ug/kg	U	190	29
91-20-3	Naphthalene	Target		ug/kg	U	190	32
106-47-8	4-Chloroaniline	Target		ug/kg	U	360	19
87-68-3	Hexachlorobutadiene	Target		ug/kg	U	190	30
105-60-2	Caprolactam	Target		ug/kg	U	360	25
59-50-7	4-Chloro-3-methylphenol	Target		ug/kg	U	190	26
90-12-0	1-Methylnaphthalene	Target		ug/kg	U	190	28
91-57-6	2-Methylnaphthalene	Target		ug/kg	U	190	31
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/kg	U	360	36
88-06-2	2,4,6-Trichlorophenol	Target		ug/kg	U	190	29
95-95-4	2,4,5-Trichlorophenol	Target		ug/kg	U	190	28
92-52-4	1,1'-Biphenyl	Target		ug/kg	U	190	31
91-58-7	2-Chloronaphthalene	Target		ug/kg	U	190	32
88-74-4	2-Nitroaniline	Target		ug/kg	U	190	28
131-11-3	Dimethylphthalate	Target		ug/kg	U	190	32
606-20-2	2,6-Dinitrotoluene	Target		ug/kg	U	190	28
208-96-8	Acenaphthylene	Target		ug/kg	U	190	31
99-09-2	3-Nitroaniline	Target		ug/kg	U	360	21
83-32-9	Acenaphthene	Target		ug/kg	U	190	30
51-28-5	2,4-Dinitrophenol	Target		ug/kg	U	360	23
100-02-7	4-Nitrophenol	Target		ug/kg	U	360	25
132-64-9	Dibenzofuran	Target		ug/kg	U	190	33
121-14-2	2,4-Dinitrotoluene	Target		ug/kg	U	190	34
84-66-2	Diethylphthalate	Target		ug/kg	U	190	39
86-73-7	Fluorene	Target		ug/kg	U	190	30
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/kg	U	190	34
100-01-6	4-Nitroaniline	Target		ug/kg	U	360	15
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/kg	U	360	34
86-30-6	N-Nitrosodiphenylamine	Target		ug/kg	U	190	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/kg	U	190	32
101-55-3	4-Bromophenyl-phenylether	Target		ug/kg	U	190	32
118-74-1	Hexachlorobenzene	Target		ug/kg	U	190	30
1912-24-9	Atrazine	Target		ug/kg	U	360	30
87-86-5	Pentachlorophenol	Target		ug/kg	U	360	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Target		ug/kg	U	190	34
120-12-7	Anthracene	Target		ug/kg	U	190	33
86-74-8	Carbazole	Target		ug/kg	U	360	39
84-74-2	Di-n-butylphthalate	Target		ug/kg	U	190	35
206-44-0	Fluoranthene	Target		ug/kg	U	190	30
129-00-0	Pyrene	Target		ug/kg	U	190	34
85-68-7	Butylbenzylphthalate	Target		ug/kg	U	190	29
91-94-1	3,3'-Dichlorobenzidine	Target		ug/kg	U	360	14
56-55-3	Benzo(a)anthracene	Target		ug/kg	U	190	31
218-01-9	Chrysene	Target		ug/kg	U	190	31
117-81-7	Bis(2-ethylhexyl)phthalate	Target		ug/kg	U	190	30
117-84-0	Di-n-octylphthalate	Target		ug/kg	U	360	28
205-99-2	Benzo(b)fluoranthene	Target		ug/kg	U	190	32
207-08-9	Benzo(k)fluoranthene	Target		ug/kg	U	190	32
50-32-8	Benzo(a)pyrene	Target		ug/kg	U	190	31
193-39-5	Indeno[1,2,3-cd]pyrene	Target		ug/kg	U	190	30
53-70-3	Dibenzo(a,h)anthracene	Target		ug/kg	U	190	36
191-24-2	Benzo(g,h,i)perylene	Target		ug/kg	U	190	38
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/kg	U	190	38

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

Sample Number: F3B41	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 30.5	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/24/2021 01:58:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/22/2021 00:00:00	Level: Low
pH:	% Solids: 86.3	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/kg	U	76	8.3
100-52-7	Benzaldehyde	Target		ug/kg	U	380	26
108-95-2	Phenol	Target		ug/kg	U	380	26
111-44-4	Bis(2-chloroethyl)ether	Target		ug/kg	U	380	30
95-57-8	2-Chlorophenol	Target		ug/kg	U	190	30
95-48-7	2-Methylphenol	Target		ug/kg	U	380	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Target		ug/kg	U	380	33
98-86-2	Acetophenone	Target		ug/kg	U	380	30
106-44-5	4-Methylphenol	Target		ug/kg	U	380	31
621-64-7	N-Nitroso-di-n propylamine	Target		ug/kg	U	190	27
67-72-1	Hexachloroethane	Target		ug/kg	U	190	27
98-95-3	Nitrobenzene	Target		ug/kg	U	190	29
78-59-1	Isophorone	Target		ug/kg	U	190	27
88-75-5	2-Nitrophenol	Target		ug/kg	U	190	34
105-67-9	2,4-Dimethylphenol	Target		ug/kg	U	190	22
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/kg	U	190	28
120-83-2	2,4-Dichlorophenol	Target		ug/kg	U	190	29
91-20-3	Naphthalene	Target		ug/kg	U	190	32
106-47-8	4-Chloroaniline	Target		ug/kg	U	380	19
87-68-3	Hexachlorobutadiene	Target		ug/kg	U	190	30
105-60-2	Caprolactam	Target		ug/kg	U	380	25
59-50-7	4-Chloro-3-methylphenol	Target		ug/kg	U	190	26
90-12-0	1-Methylnaphthalene	Target		ug/kg	U	190	28
91-57-6	2-Methylnaphthalene	Target		ug/kg	U	190	31
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/kg	U	380	36
88-06-2	2,4,6-Trichlorophenol	Target		ug/kg	U	190	29
95-95-4	2,4,5-Trichlorophenol	Target		ug/kg	U	190	28
92-52-4	1,1'-Biphenyl	Target		ug/kg	U	190	31
91-58-7	2-Chloronaphthalene	Target		ug/kg	U	190	32
88-74-4	2-Nitroaniline	Target		ug/kg	U	190	28
131-11-3	Dimethylphthalate	Target		ug/kg	U	190	32
606-20-2	2,6-Dinitrotoluene	Target		ug/kg	U	190	28
208-96-8	Acenaphthylene	Target		ug/kg	U	190	31
99-09-2	3-Nitroaniline	Target		ug/kg	U	380	21
83-32-9	Acenaphthene	Target		ug/kg	U	190	30
51-28-5	2,4-Dinitrophenol	Target		ug/kg	U	380	23
100-02-7	4-Nitrophenol	Target		ug/kg	U	380	25
132-64-9	Dibenzofuran	Target		ug/kg	U	190	33
121-14-2	2,4-Dinitrotoluene	Target		ug/kg	U	190	34
84-66-2	Diethylphthalate	Target		ug/kg	U	190	39
86-73-7	Fluorene	Target		ug/kg	U	190	30
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/kg	U	190	34
100-01-6	4-Nitroaniline	Target		ug/kg	U	380	15
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/kg	U	380	34
86-30-6	N-Nitrosodiphenylamine	Target		ug/kg	U	190	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/kg	U	190	32
101-55-3	4-Bromophenyl-phenylether	Target		ug/kg	U	190	32
118-74-1	Hexachlorobenzene	Target		ug/kg	U	190	30
1912-24-9	Atrazine	Target		ug/kg	U	380	30
87-86-5	Pentachlorophenol	Target		ug/kg	U	380	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Target		ug/kg	U	190	34
120-12-7	Anthracene	Target		ug/kg	U	190	33
86-74-8	Carbazole	Target		ug/kg	U	380	39
84-74-2	Di-n-butylphthalate	Target		ug/kg	U	190	35
206-44-0	Fluoranthene	Target		ug/kg	U	190	30
129-00-0	Pyrene	Target		ug/kg	U	190	34
85-68-7	Butylbenzylphthalate	Target		ug/kg	U	190	29
91-94-1	3,3'-Dichlorobenzidine	Target		ug/kg	U	380	14
56-55-3	Benzo(a)anthracene	Target		ug/kg	U	190	31
218-01-9	Chrysene	Target		ug/kg	U	190	31
117-81-7	Bis(2-ethylhexyl)phthalate	Target		ug/kg	U	190	30
117-84-0	Di-n-octylphthalate	Target		ug/kg	U	380	28
205-99-2	Benzo(b)fluoranthene	Target		ug/kg	U	190	32
207-08-9	Benzo(k)fluoranthene	Target		ug/kg	U	190	32
50-32-8	Benzo(a)pyrene	Target		ug/kg	U	190	31
193-39-5	Indeno[1,2,3-cd]pyrene	Target		ug/kg	U	190	30
53-70-3	Dibenzo(a,h)anthracene	Target		ug/kg	U	190	36
191-24-2	Benzo(g,h,i)perylene	Target		ug/kg	U	190	38
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/kg	U	190	38

Laboratory Results Report

Case: 49551 | **Contract: 68HERH20D0016** | **SDG: F3B40** | **Lab Code: SRI**

Sample Number: F3B42	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 30.5	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/24/2021 02:34:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/22/2021 00:00:00	Level: Low
pH:	% Solids: 90.2	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/kg	U	73	8.3
100-52-7	Benzaldehyde	Target		ug/kg	U	360	26
108-95-2	Phenol	Target		ug/kg	U	360	26
111-44-4	Bis(2-chloroethyl)ether	Target		ug/kg	U	360	30
95-57-8	2-Chlorophenol	Target		ug/kg	U	190	30
95-48-7	2-Methylphenol	Target		ug/kg	U	360	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Target		ug/kg	U	360	33
98-86-2	Acetophenone	Target		ug/kg	U	360	30
106-44-5	4-Methylphenol	Target		ug/kg	U	360	31
621-64-7	N-Nitroso-di-n propylamine	Target		ug/kg	U	190	27
67-72-1	Hexachloroethane	Target		ug/kg	U	190	27
98-95-3	Nitrobenzene	Target		ug/kg	U	190	29
78-59-1	Isophorone	Target		ug/kg	U	190	27
88-75-5	2-Nitrophenol	Target		ug/kg	U	190	34
105-67-9	2,4-Dimethylphenol	Target		ug/kg	U	190	22
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/kg	U	190	28
120-83-2	2,4-Dichlorophenol	Target		ug/kg	U	190	29
91-20-3	Naphthalene	Target		ug/kg	U	190	32
106-47-8	4-Chloroaniline	Target		ug/kg	U	360	19
87-68-3	Hexachlorobutadiene	Target		ug/kg	U	190	30
105-60-2	Caprolactam	Target		ug/kg	U	360	25
59-50-7	4-Chloro-3-methylphenol	Target		ug/kg	U	190	26
90-12-0	1-Methylnaphthalene	Target		ug/kg	U	190	28
91-57-6	2-Methylnaphthalene	Target		ug/kg	U	190	31
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/kg	U	360	36
88-06-2	2,4,6-Trichlorophenol	Target		ug/kg	U	190	29
95-95-4	2,4,5-Trichlorophenol	Target		ug/kg	U	190	28
92-52-4	1,1'-Biphenyl	Target		ug/kg	U	190	31
91-58-7	2-Chloronaphthalene	Target		ug/kg	U	190	32
88-74-4	2-Nitroaniline	Target		ug/kg	U	190	28
131-11-3	Dimethylphthalate	Target		ug/kg	U	190	32
606-20-2	2,6-Dinitrotoluene	Target		ug/kg	U	190	28
208-96-8	Acenaphthylene	Target		ug/kg	U	190	31
99-09-2	3-Nitroaniline	Target		ug/kg	U	360	21
83-32-9	Acenaphthene	Target		ug/kg	U	190	30
51-28-5	2,4-Dinitrophenol	Target		ug/kg	U	360	23
100-02-7	4-Nitrophenol	Target		ug/kg	U	360	25
132-64-9	Dibenzofuran	Target		ug/kg	U	190	33
121-14-2	2,4-Dinitrotoluene	Target		ug/kg	U	190	34
84-66-2	Diethylphthalate	Target		ug/kg	U	190	39
86-73-7	Fluorene	Target		ug/kg	U	190	30
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/kg	U	190	34
100-01-6	4-Nitroaniline	Target		ug/kg	U	360	15
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/kg	U	360	34
86-30-6	N-Nitrosodiphenylamine	Target		ug/kg	U	190	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/kg	U	190	32
101-55-3	4-Bromophenyl-phenylether	Target		ug/kg	U	190	32
118-74-1	Hexachlorobenzene	Target		ug/kg	U	190	30
1912-24-9	Atrazine	Target		ug/kg	U	360	30
87-86-5	Pentachlorophenol	Target		ug/kg	U	360	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Target		ug/kg	U	190	34
120-12-7	Anthracene	Target		ug/kg	U	190	33
86-74-8	Carbazole	Target		ug/kg	U	360	39
84-74-2	Di-n-butylphthalate	Target		ug/kg	U	190	35
206-44-0	Fluoranthene	Target		ug/kg	U	190	30
129-00-0	Pyrene	Target		ug/kg	U	190	34
85-68-7	Butylbenzylphthalate	Target		ug/kg	U	190	29
91-94-1	3,3'-Dichlorobenzidine	Target		ug/kg	U	360	14
56-55-3	Benzo(a)anthracene	Target		ug/kg	U	190	31
218-01-9	Chrysene	Target		ug/kg	U	190	31
117-81-7	Bis(2-ethylhexyl)phthalate	Target		ug/kg	U	190	30
117-84-0	Di-n-octylphthalate	Target		ug/kg	U	360	28
205-99-2	Benzo(b)fluoranthene	Target		ug/kg	U	190	32
207-08-9	Benzo(k)fluoranthene	Target		ug/kg	U	190	32
50-32-8	Benzo(a)pyrene	Target		ug/kg	U	190	31
193-39-5	Indeno[1,2,3-cd]pyrene	Target		ug/kg	U	190	30
53-70-3	Dibenzo(a,h)anthracene	Target		ug/kg	U	190	36
191-24-2	Benzo(g,h,i)perylene	Target		ug/kg	U	190	38
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/kg	U	190	38

Laboratory Results Report

Case: 49551 | **Contract: 68HERH20D0016** | **SDG: F3B40** | **Lab Code: SRI**

Sample Number: F3B43	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 30.7	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/24/2021 03:10:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/22/2021 00:00:00	Level: Low
pH:	% Solids: 78.2	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/kg	U	84	8.3
100-52-7	Benzaldehyde	Target		ug/kg	U	410	26
108-95-2	Phenol	Target		ug/kg	U	410	26
111-44-4	Bis(2-chloroethyl)ether	Target		ug/kg	U	410	30
95-57-8	2-Chlorophenol	Target		ug/kg	U	210	30
95-48-7	2-Methylphenol	Target		ug/kg	U	410	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Target		ug/kg	U	410	33
98-86-2	Acetophenone	Target		ug/kg	U	410	30
106-44-5	4-Methylphenol	Target		ug/kg	U	410	31
621-64-7	N-Nitroso-di-n propylamine	Target		ug/kg	U	210	27
67-72-1	Hexachloroethane	Target		ug/kg	U	210	27
98-95-3	Nitrobenzene	Target		ug/kg	U	210	29
78-59-1	Isophorone	Target		ug/kg	U	210	27
88-75-5	2-Nitrophenol	Target		ug/kg	U	210	34
105-67-9	2,4-Dimethylphenol	Target		ug/kg	U	210	22
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/kg	U	210	28
120-83-2	2,4-Dichlorophenol	Target		ug/kg	U	210	29
91-20-3	Naphthalene	Target		ug/kg	U	210	32
106-47-8	4-Chloroaniline	Target		ug/kg	U	410	19
87-68-3	Hexachlorobutadiene	Target		ug/kg	U	210	30
105-60-2	Caprolactam	Target		ug/kg	U	410	25
59-50-7	4-Chloro-3-methylphenol	Target		ug/kg	U	210	26
90-12-0	1-Methylnaphthalene	Target		ug/kg	U	210	28
91-57-6	2-Methylnaphthalene	Target		ug/kg	U	210	31
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/kg	U	410	36
88-06-2	2,4,6-Trichlorophenol	Target		ug/kg	U	210	29
95-95-4	2,4,5-Trichlorophenol	Target		ug/kg	U	210	28
92-52-4	1,1'-Biphenyl	Target		ug/kg	U	210	31
91-58-7	2-Chloronaphthalene	Target		ug/kg	U	210	32
88-74-4	2-Nitroaniline	Target		ug/kg	U	210	28
131-11-3	Dimethylphthalate	Target		ug/kg	U	210	32
606-20-2	2,6-Dinitrotoluene	Target		ug/kg	U	210	28
208-96-8	Acenaphthylene	Target		ug/kg	U	210	31
99-09-2	3-Nitroaniline	Target		ug/kg	U	410	21
83-32-9	Acenaphthene	Target		ug/kg	U	210	30
51-28-5	2,4-Dinitrophenol	Target		ug/kg	U	410	23
100-02-7	4-Nitrophenol	Target		ug/kg	U	410	25
132-64-9	Dibenzofuran	Target		ug/kg	U	210	33
121-14-2	2,4-Dinitrotoluene	Target		ug/kg	U	210	34
84-66-2	Diethylphthalate	Target		ug/kg	U	210	39
86-73-7	Fluorene	Target		ug/kg	U	210	30
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/kg	U	210	34
100-01-6	4-Nitroaniline	Target		ug/kg	U	410	15
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/kg	U	410	34
86-30-6	N-Nitrosodiphenylamine	Target		ug/kg	U	210	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/kg	U	210	32
101-55-3	4-Bromophenyl-phenylether	Target		ug/kg	U	210	32
118-74-1	Hexachlorobenzene	Target		ug/kg	U	210	30
1912-24-9	Atrazine	Target		ug/kg	U	410	30
87-86-5	Pentachlorophenol	Target		ug/kg	U	410	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Target		ug/kg	U	210	34
120-12-7	Anthracene	Target		ug/kg	U	210	33
86-74-8	Carbazole	Target		ug/kg	U	410	39
84-74-2	Di-n-butylphthalate	Target		ug/kg	U	210	35
206-44-0	Fluoranthene	Target		ug/kg	U	210	30
129-00-0	Pyrene	Target		ug/kg	U	210	34
85-68-7	Butylbenzylphthalate	Target		ug/kg	U	210	29
91-94-1	3,3'-Dichlorobenzidine	Target		ug/kg	U	410	14
56-55-3	Benzo(a)anthracene	Target		ug/kg	U	210	31
218-01-9	Chrysene	Target		ug/kg	U	210	31
117-81-7	Bis(2-ethylhexyl)phthalate	Target		ug/kg	U	210	30
117-84-0	Di-n-octylphthalate	Target		ug/kg	U	410	28
205-99-2	Benzo(b)fluoranthene	Target		ug/kg	U	210	32
207-08-9	Benzo(k)fluoranthene	Target		ug/kg	U	210	32
50-32-8	Benzo(a)pyrene	Target		ug/kg	U	210	31
193-39-5	Indeno[1,2,3-cd]pyrene	Target		ug/kg	U	210	30
53-70-3	Dibenzo(a,h)anthracene	Target		ug/kg	U	210	36
191-24-2	Benzo(g,h,i)perylene	Target		ug/kg	U	210	38
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/kg	U	210	38

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

Sample Number: F3B44	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 30.4	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/24/2021 03:46:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/22/2021 00:00:00	Level: Low
pH:	% Solids: 82.9	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/kg	U	80	8.3
100-52-7	Benzaldehyde	Target		ug/kg	U	390	26
108-95-2	Phenol	Target		ug/kg	U	390	26
111-44-4	Bis(2-chloroethyl)ether	Target		ug/kg	U	390	30
95-57-8	2-Chlorophenol	Target		ug/kg	U	200	30
95-48-7	2-Methylphenol	Target		ug/kg	U	390	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Target		ug/kg	U	390	33
98-86-2	Acetophenone	Target		ug/kg	U	390	30
106-44-5	4-Methylphenol	Target		ug/kg	U	390	31
621-64-7	N-Nitroso-di-n propylamine	Target		ug/kg	U	200	27
67-72-1	Hexachloroethane	Target		ug/kg	U	200	27
98-95-3	Nitrobenzene	Target		ug/kg	U	200	29
78-59-1	Isophorone	Target		ug/kg	U	200	27
88-75-5	2-Nitrophenol	Target		ug/kg	U	200	34
105-67-9	2,4-Dimethylphenol	Target		ug/kg	U	200	22
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/kg	U	200	28
120-83-2	2,4-Dichlorophenol	Target		ug/kg	U	200	29
91-20-3	Naphthalene	Target		ug/kg	U	200	32
106-47-8	4-Chloroaniline	Target		ug/kg	U	390	19
87-68-3	Hexachlorobutadiene	Target		ug/kg	U	200	30
105-60-2	Caprolactam	Target		ug/kg	U	390	25
59-50-7	4-Chloro-3-methylphenol	Target		ug/kg	U	200	26
90-12-0	1-Methylnaphthalene	Target		ug/kg	U	200	28
91-57-6	2-Methylnaphthalene	Target		ug/kg	U	200	31
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/kg	U	390	36
88-06-2	2,4,6-Trichlorophenol	Target		ug/kg	U	200	29
95-95-4	2,4,5-Trichlorophenol	Target		ug/kg	U	200	28
92-52-4	1,1'-Biphenyl	Target		ug/kg	U	200	31
91-58-7	2-Chloronaphthalene	Target		ug/kg	U	200	32
88-74-4	2-Nitroaniline	Target		ug/kg	U	200	28
131-11-3	Dimethylphthalate	Target		ug/kg	U	200	32
606-20-2	2,6-Dinitrotoluene	Target		ug/kg	U	200	28
208-96-8	Acenaphthylene	Target		ug/kg	U	200	31
99-09-2	3-Nitroaniline	Target		ug/kg	U	390	21
83-32-9	Acenaphthene	Target		ug/kg	U	200	30
51-28-5	2,4-Dinitrophenol	Target		ug/kg	U	390	23
100-02-7	4-Nitrophenol	Target		ug/kg	U	390	25
132-64-9	Dibenzofuran	Target		ug/kg	U	200	33
121-14-2	2,4-Dinitrotoluene	Target		ug/kg	U	200	34
84-66-2	Diethylphthalate	Target		ug/kg	U	200	39
86-73-7	Fluorene	Target		ug/kg	U	200	30
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/kg	U	200	34
100-01-6	4-Nitroaniline	Target		ug/kg	U	390	15
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/kg	U	390	34
86-30-6	N-Nitrosodiphenylamine	Target		ug/kg	U	200	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/kg	U	200	32
101-55-3	4-Bromophenyl-phenylether	Target		ug/kg	U	200	32
118-74-1	Hexachlorobenzene	Target		ug/kg	U	200	30
1912-24-9	Atrazine	Target		ug/kg	U	390	30
87-86-5	Pentachlorophenol	Target		ug/kg	U	390	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Target		ug/kg	U	200	34
120-12-7	Anthracene	Target		ug/kg	U	200	33
86-74-8	Carbazole	Target		ug/kg	U	390	39
84-74-2	Di-n-butylphthalate	Target		ug/kg	U	200	35
206-44-0	Fluoranthene	Target		ug/kg	U	200	30
129-00-0	Pyrene	Target		ug/kg	U	200	34
85-68-7	Butylbenzylphthalate	Target		ug/kg	U	200	29
91-94-1	3,3'-Dichlorobenzidine	Target		ug/kg	U	390	14
56-55-3	Benzo(a)anthracene	Target		ug/kg	U	200	31
218-01-9	Chrysene	Target		ug/kg	U	200	31
117-81-7	Bis(2-ethylhexyl)phthalate	Target		ug/kg	U	200	30
117-84-0	Di-n-octylphthalate	Target		ug/kg	U	390	28
205-99-2	Benzo(b)fluoranthene	Target		ug/kg	U	200	32
207-08-9	Benzo(k)fluoranthene	Target		ug/kg	U	200	32
50-32-8	Benzo(a)pyrene	Target		ug/kg	U	200	31
193-39-5	Indeno[1,2,3-cd]pyrene	Target		ug/kg	U	200	30
53-70-3	Dibenzo(a,h)anthracene	Target		ug/kg	U	200	36
191-24-2	Benzo(g,h,i)perylene	Target		ug/kg	U	200	38
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/kg	U	200	38

Laboratory Results Report

Case: 49551 | **Contract: 68HERH20D0016** | **SDG: F3B40** | **Lab Code: SRI**

Sample Number: F3B45	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 30.6	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/24/2021 04:22:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 85.4	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/kg	U	77	8.3
100-52-7	Benzaldehyde	Target		ug/kg	U	380	26
108-95-2	Phenol	Target		ug/kg	U	380	26
111-44-4	Bis(2-chloroethyl)ether	Target		ug/kg	U	380	30
95-57-8	2-Chlorophenol	Target		ug/kg	U	200	30
95-48-7	2-Methylphenol	Target		ug/kg	U	380	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Target		ug/kg	U	380	33
98-86-2	Acetophenone	Target		ug/kg	U	380	30
106-44-5	4-Methylphenol	Target		ug/kg	U	380	31
621-64-7	N-Nitroso-di-n propylamine	Target		ug/kg	U	200	27
67-72-1	Hexachloroethane	Target		ug/kg	U	200	27
98-95-3	Nitrobenzene	Target		ug/kg	U	200	29
78-59-1	Isophorone	Target		ug/kg	U	200	27
88-75-5	2-Nitrophenol	Target		ug/kg	U	200	34
105-67-9	2,4-Dimethylphenol	Target		ug/kg	U	200	22
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/kg	U	200	28
120-83-2	2,4-Dichlorophenol	Target		ug/kg	U	200	29
91-20-3	Naphthalene	Target		ug/kg	U	200	32
106-47-8	4-Chloroaniline	Target		ug/kg	U	380	19
87-68-3	Hexachlorobutadiene	Target		ug/kg	U	200	30
105-60-2	Caprolactam	Target		ug/kg	U	380	25
59-50-7	4-Chloro-3-methylphenol	Target		ug/kg	U	200	26
90-12-0	1-Methylnaphthalene	Target		ug/kg	U	200	28
91-57-6	2-Methylnaphthalene	Target		ug/kg	U	200	31
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/kg	U	380	36
88-06-2	2,4,6-Trichlorophenol	Target		ug/kg	U	200	29
95-95-4	2,4,5-Trichlorophenol	Target		ug/kg	U	200	28
92-52-4	1,1'-Biphenyl	Target		ug/kg	U	200	31
91-58-7	2-Chloronaphthalene	Target		ug/kg	U	200	32
88-74-4	2-Nitroaniline	Target		ug/kg	U	200	28
131-11-3	Dimethylphthalate	Target		ug/kg	U	200	32
606-20-2	2,6-Dinitrotoluene	Target		ug/kg	U	200	28
208-96-8	Acenaphthylene	Target		ug/kg	U	200	31
99-09-2	3-Nitroaniline	Target		ug/kg	U	380	21
83-32-9	Acenaphthene	Target		ug/kg	U	200	30
51-28-5	2,4-Dinitrophenol	Target		ug/kg	U	380	23
100-02-7	4-Nitrophenol	Target		ug/kg	U	380	25
132-64-9	Dibenzofuran	Target		ug/kg	U	200	33
121-14-2	2,4-Dinitrotoluene	Target		ug/kg	U	200	34
84-66-2	Diethylphthalate	Target	68	ug/kg	J	200	39
86-73-7	Fluorene	Target		ug/kg	U	200	30
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/kg	U	200	34
100-01-6	4-Nitroaniline	Target		ug/kg	U	380	15
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/kg	U	380	34
86-30-6	N-Nitrosodiphenylamine	Target		ug/kg	U	200	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/kg	U	200	32
101-55-3	4-Bromophenyl-phenylether	Target		ug/kg	U	200	32
118-74-1	Hexachlorobenzene	Target		ug/kg	U	200	30
1912-24-9	Atrazine	Target		ug/kg	U	380	30
87-86-5	Pentachlorophenol	Target		ug/kg	U	380	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Target		ug/kg	U	200	34
120-12-7	Anthracene	Target		ug/kg	U	200	33
86-74-8	Carbazole	Target		ug/kg	U	380	39
84-74-2	Di-n-butylphthalate	Target		ug/kg	U	200	35
206-44-0	Fluoranthene	Target		ug/kg	U	200	30
129-00-0	Pyrene	Target		ug/kg	U	200	34
85-68-7	Butylbenzylphthalate	Target		ug/kg	U	200	29
91-94-1	3,3'-Dichlorobenzidine	Target		ug/kg	U	380	14
56-55-3	Benzo(a)anthracene	Target		ug/kg	U	200	31
218-01-9	Chrysene	Target		ug/kg	U	200	31
117-81-7	Bis(2-ethylhexyl)phthalate	Target	42	ug/kg	J	200	30
117-84-0	Di-n-octylphthalate	Target		ug/kg	U	380	28
205-99-2	Benzo(b)fluoranthene	Target		ug/kg	U	200	32
207-08-9	Benzo(k)fluoranthene	Target		ug/kg	U	200	32
50-32-8	Benzo(a)pyrene	Target		ug/kg	U	200	31
193-39-5	Indeno[1,2,3-cd]pyrene	Target		ug/kg	U	200	30
53-70-3	Dibenzo(a,h)anthracene	Target		ug/kg	U	200	36
191-24-2	Benzo(g,h,i)perylene	Target		ug/kg	U	200	38
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/kg	U	200	38

Laboratory Results Report

Case: 49551 | **Contract: 68HERH20D0016** | **SDG: F3B40** | **Lab Code: SRI**

Sample Number: F3B46	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 30.7	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/24/2021 04:58:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/22/2021 00:00:00	Level: Low
pH:	% Solids: 85.4	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/kg	U	77	8.3
100-52-7	Benzaldehyde	Target		ug/kg	U	380	26
108-95-2	Phenol	Target		ug/kg	U	380	26
111-44-4	Bis(2-chloroethyl)ether	Target		ug/kg	U	380	30
95-57-8	2-Chlorophenol	Target		ug/kg	U	190	30
95-48-7	2-Methylphenol	Target		ug/kg	U	380	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Target		ug/kg	U	380	33
98-86-2	Acetophenone	Target		ug/kg	U	380	30
106-44-5	4-Methylphenol	Target		ug/kg	U	380	31
621-64-7	N-Nitroso-di-n propylamine	Target		ug/kg	U	190	27
67-72-1	Hexachloroethane	Target		ug/kg	U	190	27
98-95-3	Nitrobenzene	Target		ug/kg	U	190	29
78-59-1	Isophorone	Target		ug/kg	U	190	27
88-75-5	2-Nitrophenol	Target		ug/kg	U	190	34
105-67-9	2,4-Dimethylphenol	Target		ug/kg	U	190	22
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/kg	U	190	28
120-83-2	2,4-Dichlorophenol	Target		ug/kg	U	190	29
91-20-3	Naphthalene	Target		ug/kg	U	190	32
106-47-8	4-Chloroaniline	Target		ug/kg	U	380	19
87-68-3	Hexachlorobutadiene	Target		ug/kg	U	190	30
105-60-2	Caprolactam	Target		ug/kg	U	380	25
59-50-7	4-Chloro-3-methylphenol	Target		ug/kg	U	190	26
90-12-0	1-Methylnaphthalene	Target		ug/kg	U	190	28
91-57-6	2-Methylnaphthalene	Target		ug/kg	U	190	31
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/kg	U	380	36
88-06-2	2,4,6-Trichlorophenol	Target		ug/kg	U	190	29
95-95-4	2,4,5-Trichlorophenol	Target		ug/kg	U	190	28
92-52-4	1,1'-Biphenyl	Target		ug/kg	U	190	31
91-58-7	2-Chloronaphthalene	Target		ug/kg	U	190	32
88-74-4	2-Nitroaniline	Target		ug/kg	U	190	28
131-11-3	Dimethylphthalate	Target		ug/kg	U	190	32
606-20-2	2,6-Dinitrotoluene	Target		ug/kg	U	190	28
208-96-8	Acenaphthylene	Target		ug/kg	U	190	31
99-09-2	3-Nitroaniline	Target		ug/kg	U	380	21
83-32-9	Acenaphthene	Target		ug/kg	U	190	30
51-28-5	2,4-Dinitrophenol	Target		ug/kg	U	380	23
100-02-7	4-Nitrophenol	Target		ug/kg	U	380	25
132-64-9	Dibenzofuran	Target		ug/kg	U	190	33
121-14-2	2,4-Dinitrotoluene	Target		ug/kg	U	190	34
84-66-2	Diethylphthalate	Target		ug/kg	U	190	39
86-73-7	Fluorene	Target		ug/kg	U	190	30
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/kg	U	190	34
100-01-6	4-Nitroaniline	Target		ug/kg	U	380	15
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/kg	U	380	34
86-30-6	N-Nitrosodiphenylamine	Target		ug/kg	U	190	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/kg	U	190	32
101-55-3	4-Bromophenyl-phenylether	Target		ug/kg	U	190	32
118-74-1	Hexachlorobenzene	Target		ug/kg	U	190	30
1912-24-9	Atrazine	Target		ug/kg	U	380	30
87-86-5	Pentachlorophenol	Target		ug/kg	U	380	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Target		ug/kg	U	190	34
120-12-7	Anthracene	Target		ug/kg	U	190	33
86-74-8	Carbazole	Target		ug/kg	U	380	39
84-74-2	Di-n-butylphthalate	Target		ug/kg	U	190	35
206-44-0	Fluoranthene	Target		ug/kg	U	190	30
129-00-0	Pyrene	Target		ug/kg	U	190	34
85-68-7	Butylbenzylphthalate	Target		ug/kg	U	190	29
91-94-1	3,3'-Dichlorobenzidine	Target		ug/kg	U	380	14
56-55-3	Benzo(a)anthracene	Target		ug/kg	U	190	31
218-01-9	Chrysene	Target		ug/kg	U	190	31
117-81-7	Bis(2-ethylhexyl)phthalate	Target		ug/kg	U	190	30
117-84-0	Di-n-octylphthalate	Target		ug/kg	U	380	28
205-99-2	Benzo(b)fluoranthene	Target		ug/kg	U	190	32
207-08-9	Benzo(k)fluoranthene	Target		ug/kg	U	190	32
50-32-8	Benzo(a)pyrene	Target		ug/kg	U	190	31
193-39-5	Indeno[1,2,3-cd]pyrene	Target		ug/kg	U	190	30
53-70-3	Dibenzo(a,h)anthracene	Target		ug/kg	U	190	36
191-24-2	Benzo(g,h,i)perylene	Target		ug/kg	U	190	38
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/kg	U	190	38

Laboratory Results Report

Case: 49551 | **Contract: 68HERH20D0016** | **SDG: F3B40** | **Lab Code: SRI**

Sample Number: F3B47	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 30.6	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/24/2021 13:37:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 88.8	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/kg	U	74	8.3
100-52-7	Benzaldehyde	Target		ug/kg	U	360	26
108-95-2	Phenol	Target		ug/kg	U	360	26
111-44-4	Bis(2-chloroethyl)ether	Target		ug/kg	U	360	30
95-57-8	2-Chlorophenol	Target		ug/kg	U	190	30
95-48-7	2-Methylphenol	Target		ug/kg	U	360	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Target		ug/kg	U	360	33
98-86-2	Acetophenone	Target		ug/kg	U	360	30
106-44-5	4-Methylphenol	Target		ug/kg	U	360	31
621-64-7	N-Nitroso-di-n propylamine	Target		ug/kg	U	190	27
67-72-1	Hexachloroethane	Target		ug/kg	U	190	27
98-95-3	Nitrobenzene	Target		ug/kg	U	190	29
78-59-1	Isophorone	Target		ug/kg	U	190	27
88-75-5	2-Nitrophenol	Target		ug/kg	U	190	34
105-67-9	2,4-Dimethylphenol	Target		ug/kg	U	190	22
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/kg	U	190	28
120-83-2	2,4-Dichlorophenol	Target		ug/kg	U	190	29
91-20-3	Naphthalene	Target		ug/kg	U	190	32
106-47-8	4-Chloroaniline	Target		ug/kg	U	360	19
87-68-3	Hexachlorobutadiene	Target		ug/kg	U	190	30
105-60-2	Caprolactam	Target		ug/kg	U	360	25
59-50-7	4-Chloro-3-methylphenol	Target		ug/kg	U	190	26
90-12-0	1-Methylnaphthalene	Target		ug/kg	U	190	28
91-57-6	2-Methylnaphthalene	Target		ug/kg	U	190	31
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/kg	U	360	36
88-06-2	2,4,6-Trichlorophenol	Target		ug/kg	U	190	29
95-95-4	2,4,5-Trichlorophenol	Target		ug/kg	U	190	28
92-52-4	1,1'-Biphenyl	Target		ug/kg	U	190	31
91-58-7	2-Chloronaphthalene	Target		ug/kg	U	190	32
88-74-4	2-Nitroaniline	Target		ug/kg	U	190	28
131-11-3	Dimethylphthalate	Target		ug/kg	U	190	32
606-20-2	2,6-Dinitrotoluene	Target		ug/kg	U	190	28
208-96-8	Acenaphthylene	Target		ug/kg	U	190	31
99-09-2	3-Nitroaniline	Target		ug/kg	U	360	21
83-32-9	Acenaphthene	Target		ug/kg	U	190	30
51-28-5	2,4-Dinitrophenol	Target		ug/kg	U	360	23
100-02-7	4-Nitrophenol	Target		ug/kg	U	360	25
132-64-9	Dibenzofuran	Target		ug/kg	U	190	33
121-14-2	2,4-Dinitrotoluene	Target		ug/kg	U	190	34
84-66-2	Diethylphthalate	Target		ug/kg	U	190	39
86-73-7	Fluorene	Target		ug/kg	U	190	30
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/kg	U	190	34
100-01-6	4-Nitroaniline	Target		ug/kg	U	360	15
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/kg	U	360	34
86-30-6	N-Nitrosodiphenylamine	Target		ug/kg	U	190	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/kg	U	190	32
101-55-3	4-Bromophenyl-phenylether	Target		ug/kg	U	190	32
118-74-1	Hexachlorobenzene	Target		ug/kg	U	190	30
1912-24-9	Atrazine	Target		ug/kg	U	360	30
87-86-5	Pentachlorophenol	Target		ug/kg	U	360	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Target		ug/kg	U	190	34
120-12-7	Anthracene	Target		ug/kg	U	190	33
86-74-8	Carbazole	Target		ug/kg	U	360	39
84-74-2	Di-n-butylphthalate	Target		ug/kg	U	190	35
206-44-0	Fluoranthene	Target		ug/kg	U	190	30
129-00-0	Pyrene	Target		ug/kg	U	190	34
85-68-7	Butylbenzylphthalate	Target		ug/kg	U	190	29
91-94-1	3,3'-Dichlorobenzidine	Target		ug/kg	U	360	14
56-55-3	Benzo(a)anthracene	Target		ug/kg	U	190	31
218-01-9	Chrysene	Target		ug/kg	U	190	31
117-81-7	Bis(2-ethylhexyl)phthalate	Target		ug/kg	U	190	30
117-84-0	Di-n-octylphthalate	Target		ug/kg	U	360	28
205-99-2	Benzo(b)fluoranthene	Target		ug/kg	U	190	32
207-08-9	Benzo(k)fluoranthene	Target		ug/kg	U	190	32
50-32-8	Benzo(a)pyrene	Target		ug/kg	U	190	31
193-39-5	Indeno[1,2,3-cd]pyrene	Target		ug/kg	U	190	30
53-70-3	Dibenzo(a,h)anthracene	Target		ug/kg	U	190	36
191-24-2	Benzo(g,h,i)perylene	Target		ug/kg	U	190	38
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/kg	U	190	38

Laboratory Results Report

Case: 49551 | **Contract: 68HERH20D0016** | **SDG: F3B40** | **Lab Code: SRI**

Sample Number: F3B48	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 30.5	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/24/2021 14:13:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/22/2021 00:00:00	Level: Low
pH:	% Solids: 90.2	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/kg	U	73	8.3
100-52-7	Benzaldehyde	Target		ug/kg	U	360	26
108-95-2	Phenol	Target		ug/kg	U	360	26
111-44-4	Bis(2-chloroethyl)ether	Target		ug/kg	U	360	30
95-57-8	2-Chlorophenol	Target		ug/kg	U	190	30
95-48-7	2-Methylphenol	Target		ug/kg	U	360	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Target		ug/kg	U	360	33
98-86-2	Acetophenone	Target		ug/kg	U	360	30
106-44-5	4-Methylphenol	Target		ug/kg	U	360	31
621-64-7	N-Nitroso-di-n propylamine	Target		ug/kg	U	190	27
67-72-1	Hexachloroethane	Target		ug/kg	U	190	27
98-95-3	Nitrobenzene	Target		ug/kg	U	190	29
78-59-1	Isophorone	Target		ug/kg	U	190	27
88-75-5	2-Nitrophenol	Target		ug/kg	U	190	34
105-67-9	2,4-Dimethylphenol	Target		ug/kg	U	190	22
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/kg	U	190	28
120-83-2	2,4-Dichlorophenol	Target		ug/kg	U	190	29
91-20-3	Naphthalene	Target		ug/kg	U	190	32
106-47-8	4-Chloroaniline	Target		ug/kg	U	360	19
87-68-3	Hexachlorobutadiene	Target		ug/kg	U	190	30
105-60-2	Caprolactam	Target		ug/kg	U	360	25
59-50-7	4-Chloro-3-methylphenol	Target		ug/kg	U	190	26
90-12-0	1-Methylnaphthalene	Target		ug/kg	U	190	28
91-57-6	2-Methylnaphthalene	Target		ug/kg	U	190	31
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/kg	U	360	36
88-06-2	2,4,6-Trichlorophenol	Target		ug/kg	U	190	29
95-95-4	2,4,5-Trichlorophenol	Target		ug/kg	U	190	28
92-52-4	1,1'-Biphenyl	Target		ug/kg	U	190	31
91-58-7	2-Chloronaphthalene	Target		ug/kg	U	190	32
88-74-4	2-Nitroaniline	Target		ug/kg	U	190	28
131-11-3	Dimethylphthalate	Target		ug/kg	U	190	32
606-20-2	2,6-Dinitrotoluene	Target		ug/kg	U	190	28
208-96-8	Acenaphthylene	Target		ug/kg	U	190	31
99-09-2	3-Nitroaniline	Target		ug/kg	U	360	21
83-32-9	Acenaphthene	Target		ug/kg	U	190	30
51-28-5	2,4-Dinitrophenol	Target		ug/kg	U	360	23
100-02-7	4-Nitrophenol	Target		ug/kg	U	360	25
132-64-9	Dibenzofuran	Target		ug/kg	U	190	33
121-14-2	2,4-Dinitrotoluene	Target		ug/kg	U	190	34
84-66-2	Diethylphthalate	Target		ug/kg	U	190	39
86-73-7	Fluorene	Target		ug/kg	U	190	30
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/kg	U	190	34
100-01-6	4-Nitroaniline	Target		ug/kg	U	360	15
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/kg	U	360	34
86-30-6	N-Nitrosodiphenylamine	Target		ug/kg	U	190	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/kg	U	190	32
101-55-3	4-Bromophenyl-phenylether	Target		ug/kg	U	190	32
118-74-1	Hexachlorobenzene	Target		ug/kg	U	190	30
1912-24-9	Atrazine	Target		ug/kg	U	360	30
87-86-5	Pentachlorophenol	Target		ug/kg	U	360	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Target		ug/kg	U	190	34
120-12-7	Anthracene	Target		ug/kg	U	190	33
86-74-8	Carbazole	Target		ug/kg	U	360	39
84-74-2	Di-n-butylphthalate	Target		ug/kg	U	190	35
206-44-0	Fluoranthene	Target		ug/kg	U	190	30
129-00-0	Pyrene	Target		ug/kg	U	190	34
85-68-7	Butylbenzylphthalate	Target		ug/kg	U	190	29
91-94-1	3,3'-Dichlorobenzidine	Target		ug/kg	U	360	14
56-55-3	Benzo(a)anthracene	Target		ug/kg	U	190	31
218-01-9	Chrysene	Target		ug/kg	U	190	31
117-81-7	Bis(2-ethylhexyl)phthalate	Target		ug/kg	U	190	30
117-84-0	Di-n-octylphthalate	Target		ug/kg	U	360	28
205-99-2	Benzo(b)fluoranthene	Target		ug/kg	U	190	32
207-08-9	Benzo(k)fluoranthene	Target		ug/kg	U	190	32
50-32-8	Benzo(a)pyrene	Target		ug/kg	U	190	31
193-39-5	Indeno[1,2,3-cd]pyrene	Target		ug/kg	U	190	30
53-70-3	Dibenzo(a,h)anthracene	Target		ug/kg	U	190	36
191-24-2	Benzo(g,h,i)perylene	Target		ug/kg	U	190	38
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/kg	U	190	38

Laboratory Results Report

Case: 49551 | **Contract: 68HERH20D0016** | **SDG: F3B40** | **Lab Code: SRI**

Sample Number: F3B49	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 30.5	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/24/2021 14:49:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 80.1	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/kg	U	82	8.3
100-52-7	Benzaldehyde	Target	41	ug/kg	J	410	26
108-95-2	Phenol	Target		ug/kg	U	410	26
111-44-4	Bis(2-chloroethyl)ether	Target		ug/kg	U	410	30
95-57-8	2-Chlorophenol	Target		ug/kg	U	210	30
95-48-7	2-Methylphenol	Target		ug/kg	U	410	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Target	45	ug/kg	J	410	33
98-86-2	Acetophenone	Target		ug/kg	U	410	30
106-44-5	4-Methylphenol	Target		ug/kg	U	410	31
621-64-7	N-Nitroso-di-n propylamine	Target		ug/kg	U	210	27
67-72-1	Hexachloroethane	Target		ug/kg	U	210	27
98-95-3	Nitrobenzene	Target		ug/kg	U	210	29
78-59-1	Isophorone	Target		ug/kg	U	210	27
88-75-5	2-Nitrophenol	Target		ug/kg	U	210	34
105-67-9	2,4-Dimethylphenol	Target		ug/kg	U	210	22
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/kg	U	210	28
120-83-2	2,4-Dichlorophenol	Target		ug/kg	U	210	29
91-20-3	Naphthalene	Target		ug/kg	U	210	32
106-47-8	4-Chloroaniline	Target		ug/kg	U	410	19
87-68-3	Hexachlorobutadiene	Target		ug/kg	U	210	30
105-60-2	Caprolactam	Target		ug/kg	U	410	25
59-50-7	4-Chloro-3-methylphenol	Target		ug/kg	U	210	26
90-12-0	1-Methylnaphthalene	Target		ug/kg	U	210	28
91-57-6	2-Methylnaphthalene	Target		ug/kg	U	210	31
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/kg	U	410	36
88-06-2	2,4,6-Trichlorophenol	Target		ug/kg	U	210	29
95-95-4	2,4,5-Trichlorophenol	Target		ug/kg	U	210	28
92-52-4	1,1'-Biphenyl	Target		ug/kg	U	210	31
91-58-7	2-Chloronaphthalene	Target		ug/kg	U	210	32
88-74-4	2-Nitroaniline	Target		ug/kg	U	210	28
131-11-3	Dimethylphthalate	Target		ug/kg	U	210	32
606-20-2	2,6-Dinitrotoluene	Target		ug/kg	U	210	28
208-96-8	Acenaphthylene	Target		ug/kg	U	210	31
99-09-2	3-Nitroaniline	Target		ug/kg	U	410	21
83-32-9	Acenaphthene	Target		ug/kg	U	210	30
51-28-5	2,4-Dinitrophenol	Target		ug/kg	U	410	23
100-02-7	4-Nitrophenol	Target		ug/kg	U	410	25
132-64-9	Dibenzofuran	Target		ug/kg	U	210	33
121-14-2	2,4-Dinitrotoluene	Target		ug/kg	U	210	34
84-66-2	Diethylphthalate	Target		ug/kg	U	210	39
86-73-7	Fluorene	Target		ug/kg	U	210	30
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/kg	U	210	34
100-01-6	4-Nitroaniline	Target		ug/kg	U	410	15
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/kg	U	410	34
86-30-6	N-Nitrosodiphenylamine	Target		ug/kg	U	210	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/kg	U	210	32
101-55-3	4-Bromophenyl-phenylether	Target		ug/kg	U	210	32
118-74-1	Hexachlorobenzene	Target		ug/kg	U	210	30
1912-24-9	Atrazine	Target		ug/kg	U	410	30
87-86-5	Pentachlorophenol	Target		ug/kg	U	410	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Target		ug/kg	U	210	34
120-12-7	Anthracene	Target		ug/kg	U	210	33
86-74-8	Carbazole	Target		ug/kg	U	410	39
84-74-2	Di-n-butylphthalate	Target		ug/kg	U	210	35
206-44-0	Fluoranthene	Target		ug/kg	U	210	30
129-00-0	Pyrene	Target		ug/kg	U	210	34
85-68-7	Butylbenzylphthalate	Target		ug/kg	U	210	29
91-94-1	3,3'-Dichlorobenzidine	Target		ug/kg	U	410	14
56-55-3	Benzo(a)anthracene	Target		ug/kg	U	210	31
218-01-9	Chrysene	Target		ug/kg	U	210	31
117-81-7	Bis(2-ethylhexyl)phthalate	Target		ug/kg	U	210	30
117-84-0	Di-n-octylphthalate	Target		ug/kg	U	410	28
205-99-2	Benzo(b)fluoranthene	Target	84	ug/kg	J	210	32
207-08-9	Benzo(k)fluoranthene	Target		ug/kg	U	210	32
50-32-8	Benzo(a)pyrene	Target	63	ug/kg	J	210	31
193-39-5	Indeno[1,2,3-cd]pyrene	Target		ug/kg	U	210	30
53-70-3	Dibenzo(a,h)anthracene	Target		ug/kg	U	210	36
191-24-2	Benzo(g,h,i)perylene	Target		ug/kg	U	210	38
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/kg	U	210	38

Laboratory Results Report

Case: 49551 | **Contract: 68HERH20D0016** | **SDG: F3B40** | **Lab Code: SRI**

Sample Number: F3B49	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Dilution-01	Dilution Factor: 5.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 30.5	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/28/2021 16:12:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/22/3021 00:00:00	Level: Low
pH:	% Solids: 80.1	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/kg	UD	410	8.3
100-52-7	Benzaldehyde	Target		ug/kg	UD	2000	26
108-95-2	Phenol	Target		ug/kg	UD	2000	26
111-44-4	Bis(2-chloroethyl)ether	Target		ug/kg	UD	2000	30
95-57-8	2-Chlorophenol	Target		ug/kg	UD	1000	30
95-48-7	2-Methylphenol	Target		ug/kg	UD	2000	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Target		ug/kg	UD	2000	33
98-86-2	Acetophenone	Target		ug/kg	UD	2000	30
106-44-5	4-Methylphenol	Target		ug/kg	UD	2000	31
621-64-7	N-Nitroso-di-n propylamine	Target		ug/kg	UD	1000	27
67-72-1	Hexachloroethane	Target		ug/kg	UD	1000	27
98-95-3	Nitrobenzene	Target		ug/kg	UD	1000	29
78-59-1	Isophorone	Target		ug/kg	UD	1000	27
88-75-5	2-Nitrophenol	Target		ug/kg	UD	1000	34
105-67-9	2,4-Dimethylphenol	Target		ug/kg	UD	1000	22
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/kg	UD	1000	28
120-83-2	2,4-Dichlorophenol	Target		ug/kg	UD	1000	29
91-20-3	Naphthalene	Target		ug/kg	UD	1000	32
106-47-8	4-Chloroaniline	Target		ug/kg	UD	2000	19
87-68-3	Hexachlorobutadiene	Target		ug/kg	UD	1000	30
105-60-2	Caprolactam	Target		ug/kg	UD	2000	25
59-50-7	4-Chloro-3-methylphenol	Target		ug/kg	UD	1000	26
90-12-0	1-Methylnaphthalene	Target		ug/kg	UD	1000	28
91-57-6	2-Methylnaphthalene	Target		ug/kg	UD	1000	31
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/kg	UD	2000	36
88-06-2	2,4,6-Trichlorophenol	Target		ug/kg	UD	1000	29
95-95-4	2,4,5-Trichlorophenol	Target		ug/kg	UD	1000	28
92-52-4	1,1'-Biphenyl	Target		ug/kg	UD	1000	31
91-58-7	2-Chloronaphthalene	Target		ug/kg	UD	1000	32
88-74-4	2-Nitroaniline	Target		ug/kg	UD	1000	28
131-11-3	Dimethylphthalate	Target		ug/kg	UD	1000	32
606-20-2	2,6-Dinitrotoluene	Target		ug/kg	UD	1000	28
208-96-8	Acenaphthylene	Target		ug/kg	UD	1000	31
99-09-2	3-Nitroaniline	Target		ug/kg	UD	2000	21
83-32-9	Acenaphthene	Target		ug/kg	UD	1000	30
51-28-5	2,4-Dinitrophenol	Target		ug/kg	UD	2000	23
100-02-7	4-Nitrophenol	Target		ug/kg	UD	2000	25
132-64-9	Dibenzofuran	Target		ug/kg	UD	1000	33
121-14-2	2,4-Dinitrotoluene	Target		ug/kg	UD	1000	34
84-66-2	Diethylphthalate	Target		ug/kg	UD	1000	39
86-73-7	Fluorene	Target		ug/kg	UD	1000	30
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/kg	UD	1000	34
100-01-6	4-Nitroaniline	Target		ug/kg	UD	2000	15
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/kg	UD	2000	34
86-30-6	N-Nitrosodiphenylamine	Target		ug/kg	UD	1000	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/kg	UD	1000	32
101-55-3	4-Bromophenyl-phenylether	Target		ug/kg	UD	1000	32
118-74-1	Hexachlorobenzene	Target		ug/kg	UD	1000	30
1912-24-9	Atrazine	Target		ug/kg	UD	2000	30
87-86-5	Pentachlorophenol	Target		ug/kg	UD	2000	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Target		ug/kg	UD	1000	34
120-12-7	Anthracene	Target		ug/kg	UD	1000	33
86-74-8	Carbazole	Target		ug/kg	UD	2000	39
84-74-2	Di-n-butylphthalate	Target		ug/kg	UD	1000	35
206-44-0	Fluoranthene	Target		ug/kg	UD	1000	30
129-00-0	Pyrene	Target		ug/kg	UD	1000	34
85-68-7	Butylbenzylphthalate	Target		ug/kg	UD	1000	29
91-94-1	3,3'-Dichlorobenzidine	Target		ug/kg	UD	2000	14
56-55-3	Benzo(a)anthracene	Target		ug/kg	UD	1000	31
218-01-9	Chrysene	Target		ug/kg	UD	1000	31
117-81-7	Bis(2-ethylhexyl)phthalate	Target		ug/kg	UD	1000	30
117-84-0	Di-n-octylphthalate	Target		ug/kg	UD	2000	28
205-99-2	Benzo(b)fluoranthene	Target		ug/kg	UD	1000	32
207-08-9	Benzo(k)fluoranthene	Target		ug/kg	UD	1000	32
50-32-8	Benzo(a)pyrene	Target		ug/kg	UD	1000	31
193-39-5	Indeno[1,2,3-cd]pyrene	Target		ug/kg	UD	1000	30
53-70-3	Dibenzo(a,h)anthracene	Target		ug/kg	UD	1000	36
191-24-2	Benzo(g,h,i)perylene	Target		ug/kg	UD	1000	38
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/kg	UD	1000	38

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B49	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Reanalysis-01	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 30.5	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/28/2021 14:59:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/22/3021 00:00:00	Level: Low
pH:	% Solids: 80.1	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/kg	U	82	8.3
100-52-7	Benzaldehyde	Target	48	ug/kg	J	410	26
108-95-2	Phenol	Target		ug/kg	U	410	26
111-44-4	Bis(2-chloroethyl)ether	Target		ug/kg	U	410	30
95-57-8	2-Chlorophenol	Target		ug/kg	U	210	30
95-48-7	2-Methylphenol	Target		ug/kg	U	410	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Target		ug/kg	U	410	33
98-86-2	Acetophenone	Target		ug/kg	U	410	30
106-44-5	4-Methylphenol	Target		ug/kg	U	410	31
621-64-7	N-Nitroso-di-n propylamine	Target		ug/kg	U	210	27
67-72-1	Hexachloroethane	Target		ug/kg	U	210	27
98-95-3	Nitrobenzene	Target		ug/kg	U	210	29
78-59-1	Isophorone	Target		ug/kg	U	210	27
88-75-5	2-Nitrophenol	Target		ug/kg	U	210	34
105-67-9	2,4-Dimethylphenol	Target		ug/kg	U	210	22
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/kg	U	210	28
120-83-2	2,4-Dichlorophenol	Target		ug/kg	U	210	29
91-20-3	Naphthalene	Target		ug/kg	U	210	32
106-47-8	4-Chloroaniline	Target		ug/kg	U	410	19
87-68-3	Hexachlorobutadiene	Target		ug/kg	U	210	30
105-60-2	Caprolactam	Target		ug/kg	U	410	25
59-50-7	4-Chloro-3-methylphenol	Target		ug/kg	U	210	26
90-12-0	1-Methylnaphthalene	Target		ug/kg	U	210	28
91-57-6	2-Methylnaphthalene	Target		ug/kg	U	210	31
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/kg	U	410	36
88-06-2	2,4,6-Trichlorophenol	Target		ug/kg	U	210	29
95-95-4	2,4,5-Trichlorophenol	Target		ug/kg	U	210	28
92-52-4	1,1'-Biphenyl	Target		ug/kg	U	210	31
91-58-7	2-Chloronaphthalene	Target		ug/kg	U	210	32
88-74-4	2-Nitroaniline	Target		ug/kg	U	210	28
131-11-3	Dimethylphthalate	Target		ug/kg	U	210	32
606-20-2	2,6-Dinitrotoluene	Target		ug/kg	U	210	28
208-96-8	Acenaphthylene	Target		ug/kg	U	210	31
99-09-2	3-Nitroaniline	Target		ug/kg	U	410	21
83-32-9	Acenaphthene	Target		ug/kg	U	210	30
51-28-5	2,4-Dinitrophenol	Target		ug/kg	U	410	23
100-02-7	4-Nitrophenol	Target		ug/kg	U	410	25
132-64-9	Dibenzofuran	Target		ug/kg	U	210	33
121-14-2	2,4-Dinitrotoluene	Target		ug/kg	U	210	34
84-66-2	Diethylphthalate	Target		ug/kg	U	210	39
86-73-7	Fluorene	Target		ug/kg	U	210	30
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/kg	U	210	34
100-01-6	4-Nitroaniline	Target		ug/kg	U	410	15
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/kg	U	410	34
86-30-6	N-Nitrosodiphenylamine	Target		ug/kg	U	210	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/kg	U	210	32
101-55-3	4-Bromophenyl-phenylether	Target		ug/kg	U	210	32
118-74-1	Hexachlorobenzene	Target		ug/kg	U	210	30
1912-24-9	Atrazine	Target		ug/kg	U	410	30
87-86-5	Pentachlorophenol	Target		ug/kg	U	410	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Target		ug/kg	U	210	34
120-12-7	Anthracene	Target		ug/kg	U	210	33
86-74-8	Carbazole	Target		ug/kg	U	410	39
84-74-2	Di-n-butylphthalate	Target		ug/kg	U	210	35
206-44-0	Fluoranthene	Target		ug/kg	U	210	30
129-00-0	Pyrene	Target		ug/kg	U	210	34
85-68-7	Butylbenzylphthalate	Target		ug/kg	U	210	29
91-94-1	3,3'-Dichlorobenzidine	Target		ug/kg	U	410	14
56-55-3	Benzo(a)anthracene	Target		ug/kg	U	210	31
218-01-9	Chrysene	Target		ug/kg	U	210	31
117-81-7	Bis(2-ethylhexyl)phthalate	Target	86	ug/kg	J	210	30
117-84-0	Di-n-octylphthalate	Target		ug/kg	U	410	28
205-99-2	Benzo(b)fluoranthene	Target	67	ug/kg	J	210	32
207-08-9	Benzo(k)fluoranthene	Target		ug/kg	U	210	32
50-32-8	Benzo(a)pyrene	Target	62	ug/kg	J	210	31
193-39-5	Indeno[1,2,3-cd]pyrene	Target		ug/kg	U	210	30
53-70-3	Dibenzo(a,h)anthracene	Target		ug/kg	U	210	36
191-24-2	Benzo(g,h,i)perylene	Target		ug/kg	U	210	38
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/kg	U	210	38

Laboratory Results Report

Case: 49551 | **Contract: 68HERH20D0016** | **SDG: F3B40** | **Lab Code: SRI**

Sample Number: F3B50	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 30.6	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/24/2021 15:25:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 88.2	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/kg	U	74	8.3
100-52-7	Benzaldehyde	Target		ug/kg	U	370	26
108-95-2	Phenol	Target		ug/kg	U	370	26
111-44-4	Bis(2-chloroethyl)ether	Target		ug/kg	U	370	30
95-57-8	2-Chlorophenol	Target		ug/kg	U	190	30
95-48-7	2-Methylphenol	Target		ug/kg	U	370	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Target		ug/kg	U	370	33
98-86-2	Acetophenone	Target		ug/kg	U	370	30
106-44-5	4-Methylphenol	Target		ug/kg	U	370	31
621-64-7	N-Nitroso-di-n propylamine	Target		ug/kg	U	190	27
67-72-1	Hexachloroethane	Target		ug/kg	U	190	27
98-95-3	Nitrobenzene	Target		ug/kg	U	190	29
78-59-1	Isophorone	Target		ug/kg	U	190	27
88-75-5	2-Nitrophenol	Target		ug/kg	U	190	34
105-67-9	2,4-Dimethylphenol	Target		ug/kg	U	190	22
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/kg	U	190	28
120-83-2	2,4-Dichlorophenol	Target		ug/kg	U	190	29
91-20-3	Naphthalene	Target		ug/kg	U	190	32
106-47-8	4-Chloroaniline	Target		ug/kg	U	370	19
87-68-3	Hexachlorobutadiene	Target		ug/kg	U	190	30
105-60-2	Caprolactam	Target		ug/kg	U	370	25
59-50-7	4-Chloro-3-methylphenol	Target		ug/kg	U	190	26
90-12-0	1-Methylnaphthalene	Target		ug/kg	U	190	28
91-57-6	2-Methylnaphthalene	Target		ug/kg	U	190	31
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/kg	U	370	36
88-06-2	2,4,6-Trichlorophenol	Target		ug/kg	U	190	29
95-95-4	2,4,5-Trichlorophenol	Target		ug/kg	U	190	28
92-52-4	1,1'-Biphenyl	Target		ug/kg	U	190	31
91-58-7	2-Chloronaphthalene	Target		ug/kg	U	190	32
88-74-4	2-Nitroaniline	Target		ug/kg	U	190	28
131-11-3	Dimethylphthalate	Target		ug/kg	U	190	32
606-20-2	2,6-Dinitrotoluene	Target		ug/kg	U	190	28
208-96-8	Acenaphthylene	Target		ug/kg	U	190	31
99-09-2	3-Nitroaniline	Target		ug/kg	U	370	21
83-32-9	Acenaphthene	Target		ug/kg	U	190	30
51-28-5	2,4-Dinitrophenol	Target		ug/kg	U	370	23
100-02-7	4-Nitrophenol	Target		ug/kg	U	370	25
132-64-9	Dibenzofuran	Target		ug/kg	U	190	33
121-14-2	2,4-Dinitrotoluene	Target		ug/kg	U	190	34
84-66-2	Diethylphthalate	Target		ug/kg	U	190	39
86-73-7	Fluorene	Target		ug/kg	U	190	30
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/kg	U	190	34
100-01-6	4-Nitroaniline	Target		ug/kg	U	370	15
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/kg	U	370	34
86-30-6	N-Nitrosodiphenylamine	Target		ug/kg	U	190	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/kg	U	190	32
101-55-3	4-Bromophenyl-phenylether	Target		ug/kg	U	190	32
118-74-1	Hexachlorobenzene	Target		ug/kg	U	190	30
1912-24-9	Atrazine	Target		ug/kg	U	370	30
87-86-5	Pentachlorophenol	Target		ug/kg	U	370	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Target		ug/kg	U	190	34
120-12-7	Anthracene	Target		ug/kg	U	190	33
86-74-8	Carbazole	Target		ug/kg	U	370	39
84-74-2	Di-n-butylphthalate	Target		ug/kg	U	190	35
206-44-0	Fluoranthene	Target		ug/kg	U	190	30
129-00-0	Pyrene	Target		ug/kg	U	190	34
85-68-7	Butylbenzylphthalate	Target		ug/kg	U	190	29
91-94-1	3,3'-Dichlorobenzidine	Target		ug/kg	U	370	14
56-55-3	Benzo(a)anthracene	Target		ug/kg	U	190	31
218-01-9	Chrysene	Target		ug/kg	U	190	31
117-81-7	Bis(2-ethylhexyl)phthalate	Target		ug/kg	U	190	30
117-84-0	Di-n-octylphthalate	Target		ug/kg	U	370	28
205-99-2	Benzo(b)fluoranthene	Target		ug/kg	U	190	32
207-08-9	Benzo(k)fluoranthene	Target		ug/kg	U	190	32
50-32-8	Benzo(a)pyrene	Target		ug/kg	U	190	31
193-39-5	Indeno[1,2,3-cd]pyrene	Target		ug/kg	U	190	30
53-70-3	Dibenzo(a,h)anthracene	Target		ug/kg	U	190	36
191-24-2	Benzo(g,h,i)perylene	Target		ug/kg	U	190	38
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/kg	U	190	38

Laboratory Results Report

Case: 49551 | **Contract: 68HERH20D0016** | **SDG: F3B40** | **Lab Code: SRI**

Sample Number: F3B51	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 31.0	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/24/2021 16:02:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 89.2	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/kg	U	73	8.3
100-52-7	Benzaldehyde	Target		ug/kg	U	360	26
108-95-2	Phenol	Target		ug/kg	U	360	26
111-44-4	Bis(2-chloroethyl)ether	Target		ug/kg	U	360	30
95-57-8	2-Chlorophenol	Target		ug/kg	U	180	30
95-48-7	2-Methylphenol	Target		ug/kg	U	360	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Target		ug/kg	U	360	33
98-86-2	Acetophenone	Target		ug/kg	U	360	30
106-44-5	4-Methylphenol	Target		ug/kg	U	360	31
621-64-7	N-Nitroso-di-n propylamine	Target		ug/kg	U	180	27
67-72-1	Hexachloroethane	Target		ug/kg	U	180	27
98-95-3	Nitrobenzene	Target		ug/kg	U	180	29
78-59-1	Isophorone	Target		ug/kg	U	180	27
88-75-5	2-Nitrophenol	Target		ug/kg	U	180	34
105-67-9	2,4-Dimethylphenol	Target		ug/kg	U	180	22
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/kg	U	180	28
120-83-2	2,4-Dichlorophenol	Target		ug/kg	U	180	29
91-20-3	Naphthalene	Target		ug/kg	U	180	32
106-47-8	4-Chloroaniline	Target		ug/kg	U	360	19
87-68-3	Hexachlorobutadiene	Target		ug/kg	U	180	30
105-60-2	Caprolactam	Target		ug/kg	U	360	25
59-50-7	4-Chloro-3-methylphenol	Target		ug/kg	U	180	26
90-12-0	1-Methylnaphthalene	Target		ug/kg	U	180	28
91-57-6	2-Methylnaphthalene	Target		ug/kg	U	180	31
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/kg	U	360	36
88-06-2	2,4,6-Trichlorophenol	Target		ug/kg	U	180	29
95-95-4	2,4,5-Trichlorophenol	Target		ug/kg	U	180	28
92-52-4	1,1'-Biphenyl	Target		ug/kg	U	180	31
91-58-7	2-Chloronaphthalene	Target		ug/kg	U	180	32
88-74-4	2-Nitroaniline	Target		ug/kg	U	180	28
131-11-3	Dimethylphthalate	Target		ug/kg	U	180	32
606-20-2	2,6-Dinitrotoluene	Target		ug/kg	U	180	28
208-96-8	Acenaphthylene	Target		ug/kg	U	180	31
99-09-2	3-Nitroaniline	Target		ug/kg	U	360	21
83-32-9	Acenaphthene	Target		ug/kg	U	180	30
51-28-5	2,4-Dinitrophenol	Target		ug/kg	U	360	23
100-02-7	4-Nitrophenol	Target		ug/kg	U	360	25
132-64-9	Dibenzofuran	Target		ug/kg	U	180	33
121-14-2	2,4-Dinitrotoluene	Target		ug/kg	U	180	34
84-66-2	Diethylphthalate	Target		ug/kg	U	180	39
86-73-7	Fluorene	Target		ug/kg	U	180	30
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/kg	U	180	34
100-01-6	4-Nitroaniline	Target		ug/kg	U	360	15
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/kg	U	360	34
86-30-6	N-Nitrosodiphenylamine	Target		ug/kg	U	180	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/kg	U	180	32
101-55-3	4-Bromophenyl-phenylether	Target		ug/kg	U	180	32
118-74-1	Hexachlorobenzene	Target		ug/kg	U	180	30
1912-24-9	Atrazine	Target		ug/kg	U	360	30
87-86-5	Pentachlorophenol	Target		ug/kg	U	360	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Target		ug/kg	U	180	34
120-12-7	Anthracene	Target		ug/kg	U	180	33
86-74-8	Carbazole	Target		ug/kg	U	360	39
84-74-2	Di-n-butylphthalate	Target		ug/kg	U	180	35
206-44-0	Fluoranthene	Target	110	ug/kg	J	180	30
129-00-0	Pyrene	Target	100	ug/kg	J	180	34
85-68-7	Butylbenzylphthalate	Target		ug/kg	U	180	29
91-94-1	3,3'-Dichlorobenzidine	Target		ug/kg	U	360	14
56-55-3	Benzo(a)anthracene	Target	64	ug/kg	J	180	31
218-01-9	Chrysene	Target	77	ug/kg	J	180	31
117-81-7	Bis(2-ethylhexyl)phthalate	Target		ug/kg	U	180	30
117-84-0	Di-n-octylphthalate	Target		ug/kg	U	360	28
205-99-2	Benzo(b)fluoranthene	Target	110	ug/kg	J	180	32
207-08-9	Benzo(k)fluoranthene	Target	36	ug/kg	J	180	32
50-32-8	Benzo(a)pyrene	Target	45	ug/kg	J	180	31
193-39-5	Indeno[1,2,3-cd]pyrene	Target	36	ug/kg	J	180	30
53-70-3	Dibenzo(a,h)anthracene	Target		ug/kg	U	180	36
191-24-2	Benzo(g,h,i)perylene	Target		ug/kg	U	180	38
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/kg	U	180	38

Laboratory Results Report

Case: 49551 | **Contract: 68HERH20D0016** | **SDG: F3B40** | **Lab Code: SRI**

Sample Number: F3B52	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 30.4	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/24/2021 16:38:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/22/2021 00:00:00	Level: Low
pH:	% Solids: 88.9	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/kg	U	74	8.3
100-52-7	Benzaldehyde	Target		ug/kg	U	370	26
108-95-2	Phenol	Target		ug/kg	U	370	26
111-44-4	Bis(2-chloroethyl)ether	Target		ug/kg	U	370	30
95-57-8	2-Chlorophenol	Target		ug/kg	U	190	30
95-48-7	2-Methylphenol	Target		ug/kg	U	370	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Target		ug/kg	U	370	33
98-86-2	Acetophenone	Target		ug/kg	U	370	30
106-44-5	4-Methylphenol	Target		ug/kg	U	370	31
621-64-7	N-Nitroso-di-n propylamine	Target		ug/kg	U	190	27
67-72-1	Hexachloroethane	Target		ug/kg	U	190	27
98-95-3	Nitrobenzene	Target		ug/kg	U	190	29
78-59-1	Isophorone	Target		ug/kg	U	190	27
88-75-5	2-Nitrophenol	Target		ug/kg	U	190	34
105-67-9	2,4-Dimethylphenol	Target		ug/kg	U	190	22
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/kg	U	190	28
120-83-2	2,4-Dichlorophenol	Target		ug/kg	U	190	29
91-20-3	Naphthalene	Target		ug/kg	U	190	32
106-47-8	4-Chloroaniline	Target		ug/kg	U	370	19
87-68-3	Hexachlorobutadiene	Target		ug/kg	U	190	30
105-60-2	Caprolactam	Target		ug/kg	U	370	25
59-50-7	4-Chloro-3-methylphenol	Target		ug/kg	U	190	26
90-12-0	1-Methylnaphthalene	Target		ug/kg	U	190	28
91-57-6	2-Methylnaphthalene	Target		ug/kg	U	190	31
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/kg	U	370	36
88-06-2	2,4,6-Trichlorophenol	Target		ug/kg	U	190	29
95-95-4	2,4,5-Trichlorophenol	Target		ug/kg	U	190	28
92-52-4	1,1'-Biphenyl	Target		ug/kg	U	190	31
91-58-7	2-Chloronaphthalene	Target		ug/kg	U	190	32
88-74-4	2-Nitroaniline	Target		ug/kg	U	190	28
131-11-3	Dimethylphthalate	Target		ug/kg	U	190	32
606-20-2	2,6-Dinitrotoluene	Target		ug/kg	U	190	28
208-96-8	Acenaphthylene	Target		ug/kg	U	190	31
99-09-2	3-Nitroaniline	Target		ug/kg	U	370	21
83-32-9	Acenaphthene	Target		ug/kg	U	190	30
51-28-5	2,4-Dinitrophenol	Target		ug/kg	U	370	23
100-02-7	4-Nitrophenol	Target		ug/kg	U	370	25
132-64-9	Dibenzofuran	Target		ug/kg	U	190	33
121-14-2	2,4-Dinitrotoluene	Target		ug/kg	U	190	34
84-66-2	Diethylphthalate	Target		ug/kg	U	190	39
86-73-7	Fluorene	Target		ug/kg	U	190	30
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/kg	U	190	34
100-01-6	4-Nitroaniline	Target		ug/kg	U	370	15
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/kg	U	370	34
86-30-6	N-Nitrosodiphenylamine	Target		ug/kg	U	190	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/kg	U	190	32
101-55-3	4-Bromophenyl-phenylether	Target		ug/kg	U	190	32
118-74-1	Hexachlorobenzene	Target		ug/kg	U	190	30
1912-24-9	Atrazine	Target		ug/kg	U	370	30
87-86-5	Pentachlorophenol	Target		ug/kg	U	370	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Target		ug/kg	U	190	34
120-12-7	Anthracene	Target		ug/kg	U	190	33
86-74-8	Carbazole	Target		ug/kg	U	370	39
84-74-2	Di-n-butylphthalate	Target		ug/kg	U	190	35
206-44-0	Fluoranthene	Target		ug/kg	U	190	30
129-00-0	Pyrene	Target		ug/kg	U	190	34
85-68-7	Butylbenzylphthalate	Target		ug/kg	U	190	29
91-94-1	3,3'-Dichlorobenzidine	Target		ug/kg	U	370	14
56-55-3	Benzo(a)anthracene	Target		ug/kg	U	190	31
218-01-9	Chrysene	Target		ug/kg	U	190	31
117-81-7	Bis(2-ethylhexyl)phthalate	Target		ug/kg	U	190	30
117-84-0	Di-n-octylphthalate	Target		ug/kg	U	370	28
205-99-2	Benzo(b)fluoranthene	Target		ug/kg	U	190	32
207-08-9	Benzo(k)fluoranthene	Target		ug/kg	U	190	32
50-32-8	Benzo(a)pyrene	Target		ug/kg	U	190	31
193-39-5	Indeno[1,2,3-cd]pyrene	Target		ug/kg	U	190	30
53-70-3	Dibenzo(a,h)anthracene	Target		ug/kg	U	190	36
191-24-2	Benzo(g,h,i)perylene	Target		ug/kg	U	190	38
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/kg	U	190	38

Laboratory Results Report

Case: 49551 | **Contract: 68HERH20D0016** | **SDG: F3B40** | **Lab Code: SRI**

Sample Number: F3B53	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 30.5	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/24/2021 17:14:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 87.1	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/kg	U	76	8.3
100-52-7	Benzaldehyde	Target	36	ug/kg	J	370	26
108-95-2	Phenol	Target		ug/kg	U	370	26
111-44-4	Bis(2-chloroethyl)ether	Target		ug/kg	U	370	30
95-57-8	2-Chlorophenol	Target		ug/kg	U	190	30
95-48-7	2-Methylphenol	Target		ug/kg	U	370	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Target		ug/kg	U	370	33
98-86-2	Acetophenone	Target		ug/kg	U	370	30
106-44-5	4-Methylphenol	Target		ug/kg	U	370	31
621-64-7	N-Nitroso-di-n propylamine	Target		ug/kg	U	190	27
67-72-1	Hexachloroethane	Target		ug/kg	U	190	27
98-95-3	Nitrobenzene	Target		ug/kg	U	190	29
78-59-1	Isophorone	Target		ug/kg	U	190	27
88-75-5	2-Nitrophenol	Target		ug/kg	U	190	34
105-67-9	2,4-Dimethylphenol	Target		ug/kg	U	190	22
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/kg	U	190	28
120-83-2	2,4-Dichlorophenol	Target		ug/kg	U	190	29
91-20-3	Naphthalene	Target		ug/kg	U	190	32
106-47-8	4-Chloroaniline	Target		ug/kg	U	370	19
87-68-3	Hexachlorobutadiene	Target		ug/kg	U	190	30
105-60-2	Caprolactam	Target		ug/kg	U	370	25
59-50-7	4-Chloro-3-methylphenol	Target		ug/kg	U	190	26
90-12-0	1-Methylnaphthalene	Target		ug/kg	U	190	28
91-57-6	2-Methylnaphthalene	Target		ug/kg	U	190	31
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/kg	U	370	36
88-06-2	2,4,6-Trichlorophenol	Target		ug/kg	U	190	29
95-95-4	2,4,5-Trichlorophenol	Target		ug/kg	U	190	28
92-52-4	1,1'-Biphenyl	Target		ug/kg	U	190	31
91-58-7	2-Chloronaphthalene	Target		ug/kg	U	190	32
88-74-4	2-Nitroaniline	Target		ug/kg	U	190	28
131-11-3	Dimethylphthalate	Target		ug/kg	U	190	32
606-20-2	2,6-Dinitrotoluene	Target		ug/kg	U	190	28
208-96-8	Acenaphthylene	Target		ug/kg	U	190	31
99-09-2	3-Nitroaniline	Target		ug/kg	U	370	21
83-32-9	Acenaphthene	Target		ug/kg	U	190	30
51-28-5	2,4-Dinitrophenol	Target		ug/kg	U	370	23
100-02-7	4-Nitrophenol	Target		ug/kg	U	370	25
132-64-9	Dibenzofuran	Target		ug/kg	U	190	33
121-14-2	2,4-Dinitrotoluene	Target		ug/kg	U	190	34
84-66-2	Diethylphthalate	Target		ug/kg	U	190	39
86-73-7	Fluorene	Target		ug/kg	U	190	30
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/kg	U	190	34
100-01-6	4-Nitroaniline	Target		ug/kg	U	370	15
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/kg	U	370	34
86-30-6	N-Nitrosodiphenylamine	Target		ug/kg	U	190	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/kg	U	190	32
101-55-3	4-Bromophenyl-phenylether	Target		ug/kg	U	190	32
118-74-1	Hexachlorobenzene	Target		ug/kg	U	190	30
1912-24-9	Atrazine	Target		ug/kg	U	370	30
87-86-5	Pentachlorophenol	Target		ug/kg	U	370	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Target		ug/kg	U	190	34
120-12-7	Anthracene	Target		ug/kg	U	190	33
86-74-8	Carbazole	Target		ug/kg	U	370	39
84-74-2	Di-n-butylphthalate	Target		ug/kg	U	190	35
206-44-0	Fluoranthene	Target		ug/kg	U	190	30
129-00-0	Pyrene	Target		ug/kg	U	190	34
85-68-7	Butylbenzylphthalate	Target		ug/kg	U	190	29
91-94-1	3,3'-Dichlorobenzidine	Target		ug/kg	U	370	14
56-55-3	Benzo(a)anthracene	Target		ug/kg	U	190	31
218-01-9	Chrysene	Target		ug/kg	U	190	31
117-81-7	Bis(2-ethylhexyl)phthalate	Target	270	ug/kg		190	30
117-84-0	Di-n-octylphthalate	Target		ug/kg	U	370	28
205-99-2	Benzo(b)fluoranthene	Target	42	ug/kg	J	190	32
207-08-9	Benzo(k)fluoranthene	Target		ug/kg	U	190	32
50-32-8	Benzo(a)pyrene	Target		ug/kg	U	190	31
193-39-5	Indeno[1,2,3-cd]pyrene	Target		ug/kg	U	190	30
53-70-3	Dibenzo(a,h)anthracene	Target		ug/kg	U	190	36
191-24-2	Benzo(g,h,i)perylene	Target		ug/kg	U	190	38
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/kg	U	190	38

Laboratory Results Report

Case: 49551 | **Contract: 68HERH20D0016** | **SDG: F3B40** | **Lab Code: SRI**

Sample Number: F3B54	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 30.7	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/24/2021 11:48:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 83.0	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/kg	U	79	8.3
100-52-7	Benzaldehyde	Target		ug/kg	U	390	26
108-95-2	Phenol	Target		ug/kg	U	390	26
111-44-4	Bis(2-chloroethyl)ether	Target		ug/kg	U	390	30
95-57-8	2-Chlorophenol	Target		ug/kg	U	200	30
95-48-7	2-Methylphenol	Target		ug/kg	U	390	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Target		ug/kg	U	390	33
98-86-2	Acetophenone	Target		ug/kg	U	390	30
106-44-5	4-Methylphenol	Target		ug/kg	U	390	31
621-64-7	N-Nitroso-di-n propylamine	Target		ug/kg	U	200	27
67-72-1	Hexachloroethane	Target		ug/kg	U	200	27
98-95-3	Nitrobenzene	Target		ug/kg	U	200	29
78-59-1	Isophorone	Target		ug/kg	U	200	27
88-75-5	2-Nitrophenol	Target		ug/kg	U	200	34
105-67-9	2,4-Dimethylphenol	Target		ug/kg	U	200	22
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/kg	U	200	28
120-83-2	2,4-Dichlorophenol	Target		ug/kg	U	200	29
91-20-3	Naphthalene	Target		ug/kg	U	200	32
106-47-8	4-Chloroaniline	Target		ug/kg	U	390	19
87-68-3	Hexachlorobutadiene	Target		ug/kg	U	200	30
105-60-2	Caprolactam	Target		ug/kg	U	390	25
59-50-7	4-Chloro-3-methylphenol	Target		ug/kg	U	200	26
90-12-0	1-Methylnaphthalene	Target		ug/kg	U	200	28
91-57-6	2-Methylnaphthalene	Target		ug/kg	U	200	31
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/kg	U	390	36
88-06-2	2,4,6-Trichlorophenol	Target		ug/kg	U	200	29
95-95-4	2,4,5-Trichlorophenol	Target		ug/kg	U	200	28
92-52-4	1,1'-Biphenyl	Target		ug/kg	U	200	31
91-58-7	2-Chloronaphthalene	Target		ug/kg	U	200	32
88-74-4	2-Nitroaniline	Target		ug/kg	U	200	28
131-11-3	Dimethylphthalate	Target		ug/kg	U	200	32
606-20-2	2,6-Dinitrotoluene	Target		ug/kg	U	200	28
208-96-8	Acenaphthylene	Target		ug/kg	U	200	31
99-09-2	3-Nitroaniline	Target		ug/kg	U	390	21
83-32-9	Acenaphthene	Target		ug/kg	U	200	30
51-28-5	2,4-Dinitrophenol	Target		ug/kg	U	390	23
100-02-7	4-Nitrophenol	Target		ug/kg	U	390	25
132-64-9	Dibenzofuran	Target		ug/kg	U	200	33
121-14-2	2,4-Dinitrotoluene	Target		ug/kg	U	200	34
84-66-2	Diethylphthalate	Target		ug/kg	U	200	39
86-73-7	Fluorene	Target		ug/kg	U	200	30
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/kg	U	200	34
100-01-6	4-Nitroaniline	Target		ug/kg	U	390	15
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/kg	U	390	34
86-30-6	N-Nitrosodiphenylamine	Target		ug/kg	U	200	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/kg	U	200	32
101-55-3	4-Bromophenyl-phenylether	Target		ug/kg	U	200	32
118-74-1	Hexachlorobenzene	Target		ug/kg	U	200	30
1912-24-9	Atrazine	Target		ug/kg	U	390	30
87-86-5	Pentachlorophenol	Target		ug/kg	U	390	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Target		ug/kg	U	200	34
120-12-7	Anthracene	Target		ug/kg	U	200	33
86-74-8	Carbazole	Target		ug/kg	U	390	39
84-74-2	Di-n-butylphthalate	Target		ug/kg	U	200	35
206-44-0	Fluoranthene	Target		ug/kg	U	200	30
129-00-0	Pyrene	Target		ug/kg	U	200	34
85-68-7	Butylbenzylphthalate	Target		ug/kg	U	200	29
91-94-1	3,3'-Dichlorobenzidine	Target		ug/kg	U	390	14
56-55-3	Benzo(a)anthracene	Target		ug/kg	U	200	31
218-01-9	Chrysene	Target		ug/kg	U	200	31
117-81-7	Bis(2-ethylhexyl)phthalate	Target	270	ug/kg		200	30
117-84-0	Di-n-octylphthalate	Target	93	ug/kg	J	390	28
205-99-2	Benzo(b)fluoranthene	Target		ug/kg	U	200	32
207-08-9	Benzo(k)fluoranthene	Target		ug/kg	U	200	32
50-32-8	Benzo(a)pyrene	Target		ug/kg	U	200	31
193-39-5	Indeno[1,2,3-cd]pyrene	Target		ug/kg	U	200	30
53-70-3	Dibenzo(a,h)anthracene	Target		ug/kg	U	200	36
191-24-2	Benzo(g,h,i)perylene	Target		ug/kg	U	200	38
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/kg	U	200	38

Laboratory Results Report

Case: 49551 | **Contract: 68HERH20D0016** | **SDG: F3B40** | **Lab Code: SRI**

Sample Number: F3B55	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 30.6	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/23/2021 22:23:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/22/2021 00:00:00	Level: Low
pH:	% Solids: 88.5	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/kg	U	74	8.3
100-52-7	Benzaldehyde	Target		ug/kg	U	370	26
108-95-2	Phenol	Target		ug/kg	U	370	26
111-44-4	Bis(2-chloroethyl)ether	Target		ug/kg	U	370	30
95-57-8	2-Chlorophenol	Target		ug/kg	U	190	30
95-48-7	2-Methylphenol	Target		ug/kg	U	370	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Target		ug/kg	U	370	33
98-86-2	Acetophenone	Target		ug/kg	U	370	30
106-44-5	4-Methylphenol	Target		ug/kg	U	370	31
621-64-7	N-Nitroso-di-n propylamine	Target		ug/kg	U	190	27
67-72-1	Hexachloroethane	Target		ug/kg	U	190	27
98-95-3	Nitrobenzene	Target		ug/kg	U	190	29
78-59-1	Isophorone	Target		ug/kg	U	190	27
88-75-5	2-Nitrophenol	Target		ug/kg	U	190	34
105-67-9	2,4-Dimethylphenol	Target		ug/kg	U	190	22
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/kg	U	190	28
120-83-2	2,4-Dichlorophenol	Target		ug/kg	U	190	29
91-20-3	Naphthalene	Target		ug/kg	U	190	32
106-47-8	4-Chloroaniline	Target		ug/kg	U	370	19
87-68-3	Hexachlorobutadiene	Target		ug/kg	U	190	30
105-60-2	Caprolactam	Target		ug/kg	U	370	25
59-50-7	4-Chloro-3-methylphenol	Target		ug/kg	U	190	26
90-12-0	1-Methylnaphthalene	Target		ug/kg	U	190	28
91-57-6	2-Methylnaphthalene	Target		ug/kg	U	190	31
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/kg	U	370	36
88-06-2	2,4,6-Trichlorophenol	Target		ug/kg	U	190	29
95-95-4	2,4,5-Trichlorophenol	Target		ug/kg	U	190	28
92-52-4	1,1'-Biphenyl	Target		ug/kg	U	190	31
91-58-7	2-Chloronaphthalene	Target		ug/kg	U	190	32
88-74-4	2-Nitroaniline	Target		ug/kg	U	190	28
131-11-3	Dimethylphthalate	Target		ug/kg	U	190	32
606-20-2	2,6-Dinitrotoluene	Target		ug/kg	U	190	28
208-96-8	Acenaphthylene	Target		ug/kg	U	190	31
99-09-2	3-Nitroaniline	Target		ug/kg	U	370	21
83-32-9	Acenaphthene	Target		ug/kg	U	190	30
51-28-5	2,4-Dinitrophenol	Target		ug/kg	U	370	23
100-02-7	4-Nitrophenol	Target		ug/kg	U	370	25
132-64-9	Dibenzofuran	Target		ug/kg	U	190	33
121-14-2	2,4-Dinitrotoluene	Target		ug/kg	U	190	34
84-66-2	Diethylphthalate	Target		ug/kg	U	190	39
86-73-7	Fluorene	Target		ug/kg	U	190	30
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/kg	U	190	34
100-01-6	4-Nitroaniline	Target		ug/kg	U	370	15
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/kg	U	370	34
86-30-6	N-Nitrosodiphenylamine	Target		ug/kg	U	190	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/kg	U	190	32
101-55-3	4-Bromophenyl-phenylether	Target		ug/kg	U	190	32
118-74-1	Hexachlorobenzene	Target		ug/kg	U	190	30
1912-24-9	Atrazine	Target		ug/kg	U	370	30
87-86-5	Pentachlorophenol	Target		ug/kg	U	370	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Target		ug/kg	U	190	34
120-12-7	Anthracene	Target		ug/kg	U	190	33
86-74-8	Carbazole	Target		ug/kg	U	370	39
84-74-2	Di-n-butylphthalate	Target		ug/kg	U	190	35
206-44-0	Fluoranthene	Target		ug/kg	U	190	30
129-00-0	Pyrene	Target		ug/kg	U	190	34
85-68-7	Butylbenzylphthalate	Target		ug/kg	U	190	29
91-94-1	3,3'-Dichlorobenzidine	Target		ug/kg	U	370	14
56-55-3	Benzo(a)anthracene	Target		ug/kg	U	190	31
218-01-9	Chrysene	Target		ug/kg	U	190	31
117-81-7	Bis(2-ethylhexyl)phthalate	Target		ug/kg	U	190	30
117-84-0	Di-n-octylphthalate	Target		ug/kg	U	370	28
205-99-2	Benzo(b)fluoranthene	Target		ug/kg	U	190	32
207-08-9	Benzo(k)fluoranthene	Target		ug/kg	U	190	32
50-32-8	Benzo(a)pyrene	Target		ug/kg	U	190	31
193-39-5	Indeno[1,2,3-cd]pyrene	Target		ug/kg	U	190	30
53-70-3	Dibenzo(a,h)anthracene	Target		ug/kg	U	190	36
191-24-2	Benzo(g,h,i)perylene	Target		ug/kg	U	190	38
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/kg	U	190	38

Laboratory Results Report

Case: 49551 | **Contract: 68HERH20D0016** | **SDG: F3B40** | **Lab Code: SRI**

Sample Number: F3B56	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 30.3	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/24/2021 10:44:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/22/2021 00:00:00	Level: Low
pH:	% Solids: 70.4	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/kg	U	94	8.3
100-52-7	Benzaldehyde	Target	81	ug/kg	J	460	26
108-95-2	Phenol	Target		ug/kg	U	460	26
111-44-4	Bis(2-chloroethyl)ether	Target		ug/kg	U	460	30
95-57-8	2-Chlorophenol	Target		ug/kg	U	240	30
95-48-7	2-Methylphenol	Target		ug/kg	U	460	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Target		ug/kg	U	460	33
98-86-2	Acetophenone	Target		ug/kg	U	460	30
106-44-5	4-Methylphenol	Target		ug/kg	U	460	31
621-64-7	N-Nitroso-di-n propylamine	Target		ug/kg	U	240	27
67-72-1	Hexachloroethane	Target		ug/kg	U	240	27
98-95-3	Nitrobenzene	Target		ug/kg	U	240	29
78-59-1	Isophorone	Target		ug/kg	U	240	27
88-75-5	2-Nitrophenol	Target		ug/kg	U	240	34
105-67-9	2,4-Dimethylphenol	Target		ug/kg	U	240	22
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/kg	U	240	28
120-83-2	2,4-Dichlorophenol	Target		ug/kg	U	240	29
91-20-3	Naphthalene	Target		ug/kg	U	240	32
106-47-8	4-Chloroaniline	Target		ug/kg	U	460	19
87-68-3	Hexachlorobutadiene	Target		ug/kg	U	240	30
105-60-2	Caprolactam	Target		ug/kg	U	460	25
59-50-7	4-Chloro-3-methylphenol	Target		ug/kg	U	240	26
90-12-0	1-Methylnaphthalene	Target		ug/kg	U	240	28
91-57-6	2-Methylnaphthalene	Target		ug/kg	U	240	31
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/kg	U	460	36
88-06-2	2,4,6-Trichlorophenol	Target		ug/kg	U	240	29
95-95-4	2,4,5-Trichlorophenol	Target		ug/kg	U	240	28
92-52-4	1,1'-Biphenyl	Target		ug/kg	U	240	31
91-58-7	2-Chloronaphthalene	Target		ug/kg	U	240	32
88-74-4	2-Nitroaniline	Target		ug/kg	U	240	28
131-11-3	Dimethylphthalate	Target		ug/kg	U	240	32
606-20-2	2,6-Dinitrotoluene	Target		ug/kg	U	240	28
208-96-8	Acenaphthylene	Target		ug/kg	U	240	31
99-09-2	3-Nitroaniline	Target		ug/kg	U	460	21
83-32-9	Acenaphthene	Target		ug/kg	U	240	30
51-28-5	2,4-Dinitrophenol	Target		ug/kg	U	460	23
100-02-7	4-Nitrophenol	Target		ug/kg	U	460	25
132-64-9	Dibenzofuran	Target		ug/kg	U	240	33
121-14-2	2,4-Dinitrotoluene	Target		ug/kg	U	240	34
84-66-2	Diethylphthalate	Target		ug/kg	U	240	39
86-73-7	Fluorene	Target		ug/kg	U	240	30
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/kg	U	240	34
100-01-6	4-Nitroaniline	Target		ug/kg	U	460	15
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/kg	U	460	34
86-30-6	N-Nitrosodiphenylamine	Target		ug/kg	U	240	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/kg	U	240	32
101-55-3	4-Bromophenyl-phenylether	Target		ug/kg	U	240	32
118-74-1	Hexachlorobenzene	Target		ug/kg	U	240	30
1912-24-9	Atrazine	Target		ug/kg	U	460	30
87-86-5	Pentachlorophenol	Target		ug/kg	U	460	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Target		ug/kg	U	240	34
120-12-7	Anthracene	Target		ug/kg	U	240	33
86-74-8	Carbazole	Target		ug/kg	U	460	39
84-74-2	Di-n-butylphthalate	Target		ug/kg	U	240	35
206-44-0	Fluoranthene	Target		ug/kg	U	240	30
129-00-0	Pyrene	Target		ug/kg	U	240	34
85-68-7	Butylbenzylphthalate	Target		ug/kg	U	240	29
91-94-1	3,3'-Dichlorobenzidine	Target		ug/kg	U	460	14
56-55-3	Benzo(a)anthracene	Target		ug/kg	U	240	31
218-01-9	Chrysene	Target		ug/kg	U	240	31
117-81-7	Bis(2-ethylhexyl)phthalate	Target		ug/kg	U	240	30
117-84-0	Di-n-octylphthalate	Target		ug/kg	U	460	28
205-99-2	Benzo(b)fluoranthene	Target		ug/kg	U	240	32
207-08-9	Benzo(k)fluoranthene	Target		ug/kg	U	240	32
50-32-8	Benzo(a)pyrene	Target		ug/kg	U	240	31
193-39-5	Indeno[1,2,3-cd]pyrene	Target		ug/kg	U	240	30
53-70-3	Dibenzo(a,h)anthracene	Target		ug/kg	U	240	36
191-24-2	Benzo(g,h,i)perylene	Target		ug/kg	U	240	38
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/kg	U	240	38

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B57	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 30.9	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/24/2021 12:25:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/22/2021 00:00:00	Level: Low
pH:	% Solids: 79.2	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/kg	U	82	8.3
100-52-7	Benzaldehyde	Target		ug/kg	U	400	26
108-95-2	Phenol	Target		ug/kg	U	400	26
111-44-4	Bis(2-chloroethyl)ether	Target		ug/kg	U	400	30
95-57-8	2-Chlorophenol	Target		ug/kg	U	210	30
95-48-7	2-Methylphenol	Target		ug/kg	U	400	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Target		ug/kg	U	400	33
98-86-2	Acetophenone	Target		ug/kg	U	400	30
106-44-5	4-Methylphenol	Target		ug/kg	U	400	31
621-64-7	N-Nitroso-di-n propylamine	Target		ug/kg	U	210	27
67-72-1	Hexachloroethane	Target		ug/kg	U	210	27
98-95-3	Nitrobenzene	Target		ug/kg	U	210	29
78-59-1	Isophorone	Target		ug/kg	U	210	27
88-75-5	2-Nitrophenol	Target		ug/kg	U	210	34
105-67-9	2,4-Dimethylphenol	Target		ug/kg	U	210	22
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/kg	U	210	28
120-83-2	2,4-Dichlorophenol	Target		ug/kg	U	210	29
91-20-3	Naphthalene	Target		ug/kg	U	210	32
106-47-8	4-Chloroaniline	Target		ug/kg	U	400	19
87-68-3	Hexachlorobutadiene	Target		ug/kg	U	210	30
105-60-2	Caprolactam	Target		ug/kg	U	400	25
59-50-7	4-Chloro-3-methylphenol	Target		ug/kg	U	210	26
90-12-0	1-Methylnaphthalene	Target		ug/kg	U	210	28
91-57-6	2-Methylnaphthalene	Target		ug/kg	U	210	31
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/kg	U	400	36
88-06-2	2,4,6-Trichlorophenol	Target		ug/kg	U	210	29
95-95-4	2,4,5-Trichlorophenol	Target		ug/kg	U	210	28
92-52-4	1,1'-Biphenyl	Target		ug/kg	U	210	31
91-58-7	2-Chloronaphthalene	Target		ug/kg	U	210	32
88-74-4	2-Nitroaniline	Target		ug/kg	U	210	28
131-11-3	Dimethylphthalate	Target		ug/kg	U	210	32
606-20-2	2,6-Dinitrotoluene	Target		ug/kg	U	210	28
208-96-8	Acenaphthylene	Target		ug/kg	U	210	31
99-09-2	3-Nitroaniline	Target		ug/kg	U	400	21
83-32-9	Acenaphthene	Target		ug/kg	U	210	30
51-28-5	2,4-Dinitrophenol	Target		ug/kg	U	400	23
100-02-7	4-Nitrophenol	Target		ug/kg	U	400	25
132-64-9	Dibenzofuran	Target		ug/kg	U	210	33
121-14-2	2,4-Dinitrotoluene	Target		ug/kg	U	210	34
84-66-2	Diethylphthalate	Target		ug/kg	U	210	39
86-73-7	Fluorene	Target		ug/kg	U	210	30
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/kg	U	210	34
100-01-6	4-Nitroaniline	Target		ug/kg	U	400	15
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/kg	U	400	34
86-30-6	N-Nitrosodiphenylamine	Target		ug/kg	U	210	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/kg	U	210	32
101-55-3	4-Bromophenyl-phenylether	Target		ug/kg	U	210	32
118-74-1	Hexachlorobenzene	Target		ug/kg	U	210	30
1912-24-9	Atrazine	Target		ug/kg	U	400	30
87-86-5	Pentachlorophenol	Target		ug/kg	U	400	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Target		ug/kg	U	210	34
120-12-7	Anthracene	Target		ug/kg	U	210	33
86-74-8	Carbazole	Target		ug/kg	U	400	39
84-74-2	Di-n-butylphthalate	Target		ug/kg	U	210	35
206-44-0	Fluoranthene	Target		ug/kg	U	210	30
129-00-0	Pyrene	Target		ug/kg	U	210	34
85-68-7	Butylbenzylphthalate	Target		ug/kg	U	210	29
91-94-1	3,3'-Dichlorobenzidine	Target		ug/kg	U	400	14
56-55-3	Benzo(a)anthracene	Target		ug/kg	U	210	31
218-01-9	Chrysene	Target		ug/kg	U	210	31
117-81-7	Bis(2-ethylhexyl)phthalate	Target		ug/kg	U	210	30
117-84-0	Di-n-octylphthalate	Target		ug/kg	U	400	28
205-99-2	Benzo(b)fluoranthene	Target		ug/kg	U	210	32
207-08-9	Benzo(k)fluoranthene	Target		ug/kg	U	210	32
50-32-8	Benzo(a)pyrene	Target		ug/kg	U	210	31
193-39-5	Indeno[1,2,3-cd]pyrene	Target		ug/kg	U	210	30
53-70-3	Dibenzo(a,h)anthracene	Target		ug/kg	U	210	36
191-24-2	Benzo(g,h,i)perylene	Target		ug/kg	U	210	38
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/kg	U	210	38

Laboratory Results Report

Case: 49551 | **Contract: 68HERH20D0016** | **SDG: F3B40** | **Lab Code: SRI**

Sample Number: F3B58	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 30.1	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/24/2021 00:47:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/22/2021 00:00:00	Level: Low
pH:	% Solids: 89.7	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/kg	U	74	8.3
100-52-7	Benzaldehyde	Target		ug/kg	U	370	26
108-95-2	Phenol	Target		ug/kg	U	370	26
111-44-4	Bis(2-chloroethyl)ether	Target		ug/kg	U	370	30
95-57-8	2-Chlorophenol	Target		ug/kg	U	190	30
95-48-7	2-Methylphenol	Target		ug/kg	U	370	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Target		ug/kg	U	370	33
98-86-2	Acetophenone	Target		ug/kg	U	370	30
106-44-5	4-Methylphenol	Target		ug/kg	U	370	31
621-64-7	N-Nitroso-di-n propylamine	Target		ug/kg	U	190	27
67-72-1	Hexachloroethane	Target		ug/kg	U	190	27
98-95-3	Nitrobenzene	Target		ug/kg	U	190	29
78-59-1	Isophorone	Target		ug/kg	U	190	27
88-75-5	2-Nitrophenol	Target		ug/kg	U	190	34
105-67-9	2,4-Dimethylphenol	Target		ug/kg	U	190	22
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/kg	U	190	28
120-83-2	2,4-Dichlorophenol	Target		ug/kg	U	190	29
91-20-3	Naphthalene	Target		ug/kg	U	190	32
106-47-8	4-Chloroaniline	Target		ug/kg	U	370	19
87-68-3	Hexachlorobutadiene	Target		ug/kg	U	190	30
105-60-2	Caprolactam	Target		ug/kg	U	370	25
59-50-7	4-Chloro-3-methylphenol	Target		ug/kg	U	190	26
90-12-0	1-Methylnaphthalene	Target		ug/kg	U	190	28
91-57-6	2-Methylnaphthalene	Target		ug/kg	U	190	31
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/kg	U	370	36
88-06-2	2,4,6-Trichlorophenol	Target		ug/kg	U	190	29
95-95-4	2,4,5-Trichlorophenol	Target		ug/kg	U	190	28
92-52-4	1,1'-Biphenyl	Target		ug/kg	U	190	31
91-58-7	2-Chloronaphthalene	Target		ug/kg	U	190	32
88-74-4	2-Nitroaniline	Target		ug/kg	U	190	28
131-11-3	Dimethylphthalate	Target		ug/kg	U	190	32
606-20-2	2,6-Dinitrotoluene	Target		ug/kg	U	190	28
208-96-8	Acenaphthylene	Target		ug/kg	U	190	31
99-09-2	3-Nitroaniline	Target		ug/kg	U	370	21
83-32-9	Acenaphthene	Target		ug/kg	U	190	30
51-28-5	2,4-Dinitrophenol	Target		ug/kg	U	370	23
100-02-7	4-Nitrophenol	Target		ug/kg	U	370	25
132-64-9	Dibenzofuran	Target		ug/kg	U	190	33
121-14-2	2,4-Dinitrotoluene	Target		ug/kg	U	190	34
84-66-2	Diethylphthalate	Target		ug/kg	U	190	39
86-73-7	Fluorene	Target		ug/kg	U	190	30
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/kg	U	190	34
100-01-6	4-Nitroaniline	Target		ug/kg	U	370	15
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/kg	U	370	34
86-30-6	N-Nitrosodiphenylamine	Target		ug/kg	U	190	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/kg	U	190	32
101-55-3	4-Bromophenyl-phenylether	Target		ug/kg	U	190	32
118-74-1	Hexachlorobenzene	Target		ug/kg	U	190	30
1912-24-9	Atrazine	Target		ug/kg	U	370	30
87-86-5	Pentachlorophenol	Target		ug/kg	U	370	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Target		ug/kg	U	190	34
120-12-7	Anthracene	Target		ug/kg	U	190	33
86-74-8	Carbazole	Target		ug/kg	U	370	39
84-74-2	Di-n-butylphthalate	Target		ug/kg	U	190	35
206-44-0	Fluoranthene	Target		ug/kg	U	190	30
129-00-0	Pyrene	Target		ug/kg	U	190	34
85-68-7	Butylbenzylphthalate	Target		ug/kg	U	190	29
91-94-1	3,3'-Dichlorobenzidine	Target		ug/kg	U	370	14
56-55-3	Benzo(a)anthracene	Target		ug/kg	U	190	31
218-01-9	Chrysene	Target		ug/kg	U	190	31
117-81-7	Bis(2-ethylhexyl)phthalate	Target		ug/kg	U	190	30
117-84-0	Di-n-octylphthalate	Target		ug/kg	U	370	28
205-99-2	Benzo(b)fluoranthene	Target		ug/kg	U	190	32
207-08-9	Benzo(k)fluoranthene	Target		ug/kg	U	190	32
50-32-8	Benzo(a)pyrene	Target		ug/kg	U	190	31
193-39-5	Indeno[1,2,3-cd]pyrene	Target		ug/kg	U	190	30
53-70-3	Dibenzo(a,h)anthracene	Target		ug/kg	U	190	36
191-24-2	Benzo(g,h,i)perylene	Target		ug/kg	U	190	38
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/kg	U	190	38

Laboratory Results Report

Case: 49551 | **Contract: 68HERH20D0016** | **SDG: F3B40** | **Lab Code: SRI**

Sample Number: F3B60	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 30.5	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/24/2021 13:01:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 85.4	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/kg	U	77	8.3
100-52-7	Benzaldehyde	Target		ug/kg	U	380	26
108-95-2	Phenol	Target		ug/kg	U	380	26
111-44-4	Bis(2-chloroethyl)ether	Target		ug/kg	U	380	30
95-57-8	2-Chlorophenol	Target		ug/kg	U	200	30
95-48-7	2-Methylphenol	Target		ug/kg	U	380	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Target		ug/kg	U	380	33
98-86-2	Acetophenone	Target		ug/kg	U	380	30
106-44-5	4-Methylphenol	Target		ug/kg	U	380	31
621-64-7	N-Nitroso-di-n propylamine	Target		ug/kg	U	200	27
67-72-1	Hexachloroethane	Target		ug/kg	U	200	27
98-95-3	Nitrobenzene	Target		ug/kg	U	200	29
78-59-1	Isophorone	Target		ug/kg	U	200	27
88-75-5	2-Nitrophenol	Target		ug/kg	U	200	34
105-67-9	2,4-Dimethylphenol	Target		ug/kg	U	200	22
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/kg	U	200	28
120-83-2	2,4-Dichlorophenol	Target		ug/kg	U	200	29
91-20-3	Naphthalene	Target		ug/kg	U	200	32
106-47-8	4-Chloroaniline	Target		ug/kg	U	380	19
87-68-3	Hexachlorobutadiene	Target		ug/kg	U	200	30
105-60-2	Caprolactam	Target		ug/kg	U	380	25
59-50-7	4-Chloro-3-methylphenol	Target		ug/kg	U	200	26
90-12-0	1-Methylnaphthalene	Target		ug/kg	U	200	28
91-57-6	2-Methylnaphthalene	Target		ug/kg	U	200	31
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/kg	U	380	36
88-06-2	2,4,6-Trichlorophenol	Target		ug/kg	U	200	29
95-95-4	2,4,5-Trichlorophenol	Target		ug/kg	U	200	28
92-52-4	1,1'-Biphenyl	Target		ug/kg	U	200	31
91-58-7	2-Chloronaphthalene	Target		ug/kg	U	200	32
88-74-4	2-Nitroaniline	Target		ug/kg	U	200	28
131-11-3	Dimethylphthalate	Target		ug/kg	U	200	32
606-20-2	2,6-Dinitrotoluene	Target		ug/kg	U	200	28
208-96-8	Acenaphthylene	Target		ug/kg	U	200	31
99-09-2	3-Nitroaniline	Target		ug/kg	U	380	21
83-32-9	Acenaphthene	Target		ug/kg	U	200	30
51-28-5	2,4-Dinitrophenol	Target		ug/kg	U	380	23
100-02-7	4-Nitrophenol	Target		ug/kg	U	380	25
132-64-9	Dibenzofuran	Target		ug/kg	U	200	33
121-14-2	2,4-Dinitrotoluene	Target		ug/kg	U	200	34
84-66-2	Diethylphthalate	Target		ug/kg	U	200	39
86-73-7	Fluorene	Target		ug/kg	U	200	30
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/kg	U	200	34
100-01-6	4-Nitroaniline	Target		ug/kg	U	380	15
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/kg	U	380	34
86-30-6	N-Nitrosodiphenylamine	Target		ug/kg	U	200	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/kg	U	200	32
101-55-3	4-Bromophenyl-phenylether	Target		ug/kg	U	200	32
118-74-1	Hexachlorobenzene	Target		ug/kg	U	200	30
1912-24-9	Atrazine	Target		ug/kg	U	380	30
87-86-5	Pentachlorophenol	Target		ug/kg	U	380	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Target		ug/kg	U	200	34
120-12-7	Anthracene	Target		ug/kg	U	200	33
86-74-8	Carbazole	Target		ug/kg	U	380	39
84-74-2	Di-n-butylphthalate	Target		ug/kg	U	200	35
206-44-0	Fluoranthene	Target		ug/kg	U	200	30
129-00-0	Pyrene	Target		ug/kg	U	200	34
85-68-7	Butylbenzylphthalate	Target		ug/kg	U	200	29
91-94-1	3,3'-Dichlorobenzidine	Target		ug/kg	U	380	14
56-55-3	Benzo(a)anthracene	Target		ug/kg	U	200	31
218-01-9	Chrysene	Target		ug/kg	U	200	31
117-81-7	Bis(2-ethylhexyl)phthalate	Target		ug/kg	U	200	30
117-84-0	Di-n-octylphthalate	Target		ug/kg	U	380	28
205-99-2	Benzo(b)fluoranthene	Target		ug/kg	U	200	32
207-08-9	Benzo(k)fluoranthene	Target		ug/kg	U	200	32
50-32-8	Benzo(a)pyrene	Target		ug/kg	U	200	31
193-39-5	Indeno[1,2,3-cd]pyrene	Target		ug/kg	U	200	30
53-70-3	Dibenzo(a,h)anthracene	Target		ug/kg	U	200	36
191-24-2	Benzo(g,h,i)perylene	Target		ug/kg	U	200	38
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/kg	U	200	38

Laboratory Results Report

Case: 49551 | **Contract: 68HERH20D0016** | **SDG: F3B40** | **Lab Code: SRI**

Sample Number: SBLK01	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Method_Blank	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 30.4	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/23/2021 19:23:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/22/2021 00:00:00	Level: Low
pH:	% Solids: 100	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/kg	U	66	8.3
100-52-7	Benzaldehyde	Target		ug/kg	U	330	26
108-95-2	Phenol	Target		ug/kg	U	330	26
111-44-4	Bis(2-chloroethyl)ether	Target		ug/kg	U	330	30
95-57-8	2-Chlorophenol	Target		ug/kg	U	170	30
95-48-7	2-Methylphenol	Target		ug/kg	U	330	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Target		ug/kg	U	330	33
98-86-2	Acetophenone	Target		ug/kg	U	330	30
106-44-5	4-Methylphenol	Target		ug/kg	U	330	31
621-64-7	N-Nitroso-di-n propylamine	Target		ug/kg	U	170	27
67-72-1	Hexachloroethane	Target		ug/kg	U	170	27
98-95-3	Nitrobenzene	Target		ug/kg	U	170	29
78-59-1	Isophorone	Target		ug/kg	U	170	27
88-75-5	2-Nitrophenol	Target		ug/kg	U	170	34
105-67-9	2,4-Dimethylphenol	Target		ug/kg	U	170	22
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/kg	U	170	28
120-83-2	2,4-Dichlorophenol	Target		ug/kg	U	170	29
91-20-3	Naphthalene	Target		ug/kg	U	170	32
106-47-8	4-Chloroaniline	Target		ug/kg	U	330	19
87-68-3	Hexachlorobutadiene	Target		ug/kg	U	170	30
105-60-2	Caprolactam	Target		ug/kg	U	330	25
59-50-7	4-Chloro-3-methylphenol	Target		ug/kg	U	170	26
90-12-0	1-Methylnaphthalene	Target		ug/kg	U	170	28
91-57-6	2-Methylnaphthalene	Target		ug/kg	U	170	31
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/kg	U	330	36
88-06-2	2,4,6-Trichlorophenol	Target		ug/kg	U	170	29
95-95-4	2,4,5-Trichlorophenol	Target		ug/kg	U	170	28
92-52-4	1,1'-Biphenyl	Target		ug/kg	U	170	31
91-58-7	2-Chloronaphthalene	Target		ug/kg	U	170	32
88-74-4	2-Nitroaniline	Target		ug/kg	U	170	28
131-11-3	Dimethylphthalate	Target		ug/kg	U	170	32
606-20-2	2,6-Dinitrotoluene	Target		ug/kg	U	170	28
208-96-8	Acenaphthylene	Target		ug/kg	U	170	31
99-09-2	3-Nitroaniline	Target		ug/kg	U	330	21
83-32-9	Acenaphthene	Target		ug/kg	U	170	30
51-28-5	2,4-Dinitrophenol	Target		ug/kg	U	330	23
100-02-7	4-Nitrophenol	Target		ug/kg	U	330	25
132-64-9	Dibenzofuran	Target		ug/kg	U	170	33
121-14-2	2,4-Dinitrotoluene	Target		ug/kg	U	170	34
84-66-2	Diethylphthalate	Target		ug/kg	U	170	39
86-73-7	Fluorene	Target		ug/kg	U	170	30
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/kg	U	170	34
100-01-6	4-Nitroaniline	Target		ug/kg	U	330	15
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/kg	U	330	34
86-30-6	N-Nitrosodiphenylamine	Target		ug/kg	U	170	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/kg	U	170	32
101-55-3	4-Bromophenyl-phenylether	Target		ug/kg	U	170	32
118-74-1	Hexachlorobenzene	Target		ug/kg	U	170	30
1912-24-9	Atrazine	Target		ug/kg	U	330	30
87-86-5	Pentachlorophenol	Target		ug/kg	U	330	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Target		ug/kg	U	170	34
120-12-7	Anthracene	Target		ug/kg	U	170	33
86-74-8	Carbazole	Target		ug/kg	U	330	39
84-74-2	Di-n-butylphthalate	Target		ug/kg	U	170	35
206-44-0	Fluoranthene	Target		ug/kg	U	170	30
129-00-0	Pyrene	Target		ug/kg	U	170	34
85-68-7	Butylbenzylphthalate	Target		ug/kg	U	170	29
91-94-1	3,3'-Dichlorobenzidine	Target		ug/kg	U	330	14
56-55-3	Benzo(a)anthracene	Target		ug/kg	U	170	31
218-01-9	Chrysene	Target		ug/kg	U	170	31
117-81-7	Bis(2-ethylhexyl)phthalate	Target		ug/kg	U	170	30
117-84-0	Di-n-octylphthalate	Target		ug/kg	U	330	28
205-99-2	Benzo(b)fluoranthene	Target		ug/kg	U	170	32
207-08-9	Benzo(k)fluoranthene	Target		ug/kg	U	170	32
50-32-8	Benzo(a)pyrene	Target		ug/kg	U	170	31
193-39-5	Indeno[1,2,3-cd]pyrene	Target		ug/kg	U	170	30
53-70-3	Dibenzo(a,h)anthracene	Target		ug/kg	U	170	36
191-24-2	Benzo(g,h,i)perylene	Target		ug/kg	U	170	38
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/kg	U	170	38

Laboratory Results Report

Case: 49551 | **Contract: 68HERH20D0016** | **SDG: F3B40** | **Lab Code: SRI**

Sample Number: SBLK01	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Method_Blank	Analysis Type: Reinjection-01	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 30.4	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/24/2021 10:08:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/22/2021 00:00:00	Level: Low
pH:	% Solids: 100	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/kg	U	66	8.3
100-52-7	Benzaldehyde	Target		ug/kg	U	330	26
108-95-2	Phenol	Target		ug/kg	U	330	26
111-44-4	Bis(2-chloroethyl)ether	Target		ug/kg	U	330	30
95-57-8	2-Chlorophenol	Target		ug/kg	U	170	30
95-48-7	2-Methylphenol	Target		ug/kg	U	330	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Target		ug/kg	U	330	33
98-86-2	Acetophenone	Target		ug/kg	U	330	30
106-44-5	4-Methylphenol	Target		ug/kg	U	330	31
621-64-7	N-Nitroso-di-n propylamine	Target		ug/kg	U	170	27
67-72-1	Hexachloroethane	Target		ug/kg	U	170	27
98-95-3	Nitrobenzene	Target		ug/kg	U	170	29
78-59-1	Isophorone	Target		ug/kg	U	170	27
88-75-5	2-Nitrophenol	Target		ug/kg	U	170	34
105-67-9	2,4-Dimethylphenol	Target		ug/kg	U	170	22
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/kg	U	170	28
120-83-2	2,4-Dichlorophenol	Target		ug/kg	U	170	29
91-20-3	Naphthalene	Target		ug/kg	U	170	32
106-47-8	4-Chloroaniline	Target		ug/kg	U	330	19
87-68-3	Hexachlorobutadiene	Target		ug/kg	U	170	30
105-60-2	Caprolactam	Target		ug/kg	U	330	25
59-50-7	4-Chloro-3-methylphenol	Target		ug/kg	U	170	26
90-12-0	1-Methylnaphthalene	Target		ug/kg	U	170	28
91-57-6	2-Methylnaphthalene	Target		ug/kg	U	170	31
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/kg	U	330	36
88-06-2	2,4,6-Trichlorophenol	Target		ug/kg	U	170	29
95-95-4	2,4,5-Trichlorophenol	Target		ug/kg	U	170	28
92-52-4	1,1'-Biphenyl	Target		ug/kg	U	170	31
91-58-7	2-Chloronaphthalene	Target		ug/kg	U	170	32
88-74-4	2-Nitroaniline	Target		ug/kg	U	170	28
131-11-3	Dimethylphthalate	Target		ug/kg	U	170	32
606-20-2	2,6-Dinitrotoluene	Target		ug/kg	U	170	28
208-96-8	Acenaphthylene	Target		ug/kg	U	170	31
99-09-2	3-Nitroaniline	Target		ug/kg	U	330	21
83-32-9	Acenaphthene	Target		ug/kg	U	170	30
51-28-5	2,4-Dinitrophenol	Target		ug/kg	U	330	23
100-02-7	4-Nitrophenol	Target		ug/kg	U	330	25
132-64-9	Dibenzofuran	Target		ug/kg	U	170	33
121-14-2	2,4-Dinitrotoluene	Target		ug/kg	U	170	34
84-66-2	Diethylphthalate	Target		ug/kg	U	170	39
86-73-7	Fluorene	Target		ug/kg	U	170	30
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/kg	U	170	34
100-01-6	4-Nitroaniline	Target		ug/kg	U	330	15
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/kg	U	330	34
86-30-6	N-Nitrosodiphenylamine	Target		ug/kg	U	170	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/kg	U	170	32
101-55-3	4-Bromophenyl-phenylether	Target		ug/kg	U	170	32
118-74-1	Hexachlorobenzene	Target		ug/kg	U	170	30
1912-24-9	Atrazine	Target		ug/kg	U	330	30
87-86-5	Pentachlorophenol	Target		ug/kg	U	330	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Target		ug/kg	U	170	34
120-12-7	Anthracene	Target		ug/kg	U	170	33
86-74-8	Carbazole	Target		ug/kg	U	330	39
84-74-2	Di-n-butylphthalate	Target		ug/kg	U	170	35
206-44-0	Fluoranthene	Target		ug/kg	U	170	30
129-00-0	Pyrene	Target		ug/kg	U	170	34
85-68-7	Butylbenzylphthalate	Target		ug/kg	U	170	29
91-94-1	3,3'-Dichlorobenzidine	Target		ug/kg	U	330	14
56-55-3	Benzo(a)anthracene	Target		ug/kg	U	170	31
218-01-9	Chrysene	Target		ug/kg	U	170	31
117-81-7	Bis(2-ethylhexyl)phthalate	Target		ug/kg	U	170	30
117-84-0	Di-n-octylphthalate	Target		ug/kg	U	330	28
205-99-2	Benzo(b)fluoranthene	Target		ug/kg	U	170	32
207-08-9	Benzo(k)fluoranthene	Target		ug/kg	U	170	32
50-32-8	Benzo(a)pyrene	Target		ug/kg	U	170	31
193-39-5	Indeno[1,2,3-cd]pyrene	Target		ug/kg	U	170	30
53-70-3	Dibenzo(a,h)anthracene	Target		ug/kg	U	170	36
191-24-2	Benzo(g,h,i)perylene	Target		ug/kg	U	170	38
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/kg	U	170	38

Laboratory Results Report

Case: 49551 | **Contract: 68HERH20D0016** | **SDG: F3B40** | **Lab Code: SRI**

Sample Number: SBLK01	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Method_Blank	Analysis Type: Reinjection-02	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 30.4	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/28/2021 14:23:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/22/2021 00:00:00	Level: Low
pH:	% Solids: 100	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/kg	U	66	8.3
100-52-7	Benzaldehyde	Target		ug/kg	U	330	26
108-95-2	Phenol	Target		ug/kg	U	330	26
111-44-4	Bis(2-chloroethyl)ether	Target		ug/kg	U	330	30
95-57-8	2-Chlorophenol	Target		ug/kg	U	170	30
95-48-7	2-Methylphenol	Target		ug/kg	U	330	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Target		ug/kg	U	330	33
98-86-2	Acetophenone	Target		ug/kg	U	330	30
106-44-5	4-Methylphenol	Target		ug/kg	U	330	31
621-64-7	N-Nitroso-di-n propylamine	Target		ug/kg	U	170	27
67-72-1	Hexachloroethane	Target		ug/kg	U	170	27
98-95-3	Nitrobenzene	Target		ug/kg	U	170	29
78-59-1	Isophorone	Target		ug/kg	U	170	27
88-75-5	2-Nitrophenol	Target		ug/kg	U	170	34
105-67-9	2,4-Dimethylphenol	Target		ug/kg	U	170	22
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/kg	U	170	28
120-83-2	2,4-Dichlorophenol	Target		ug/kg	U	170	29
91-20-3	Naphthalene	Target		ug/kg	U	170	32
106-47-8	4-Chloroaniline	Target		ug/kg	U	330	19
87-68-3	Hexachlorobutadiene	Target		ug/kg	U	170	30
105-60-2	Caprolactam	Target		ug/kg	U	330	25
59-50-7	4-Chloro-3-methylphenol	Target		ug/kg	U	170	26
90-12-0	1-Methylnaphthalene	Target		ug/kg	U	170	28
91-57-6	2-Methylnaphthalene	Target		ug/kg	U	170	31
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/kg	U	330	36
88-06-2	2,4,6-Trichlorophenol	Target		ug/kg	U	170	29
95-95-4	2,4,5-Trichlorophenol	Target		ug/kg	U	170	28
92-52-4	1,1'-Biphenyl	Target		ug/kg	U	170	31
91-58-7	2-Chloronaphthalene	Target		ug/kg	U	170	32
88-74-4	2-Nitroaniline	Target		ug/kg	U	170	28
131-11-3	Dimethylphthalate	Target		ug/kg	U	170	32
606-20-2	2,6-Dinitrotoluene	Target		ug/kg	U	170	28
208-96-8	Acenaphthylene	Target		ug/kg	U	170	31
99-09-2	3-Nitroaniline	Target		ug/kg	U	330	21
83-32-9	Acenaphthene	Target		ug/kg	U	170	30
51-28-5	2,4-Dinitrophenol	Target		ug/kg	U	330	23
100-02-7	4-Nitrophenol	Target		ug/kg	U	330	25
132-64-9	Dibenzofuran	Target		ug/kg	U	170	33
121-14-2	2,4-Dinitrotoluene	Target		ug/kg	U	170	34
84-66-2	Diethylphthalate	Target		ug/kg	U	170	39
86-73-7	Fluorene	Target		ug/kg	U	170	30
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/kg	U	170	34
100-01-6	4-Nitroaniline	Target		ug/kg	U	330	15
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/kg	U	330	34
86-30-6	N-Nitrosodiphenylamine	Target		ug/kg	U	170	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/kg	U	170	32
101-55-3	4-Bromophenyl-phenylether	Target		ug/kg	U	170	32
118-74-1	Hexachlorobenzene	Target		ug/kg	U	170	30
1912-24-9	Atrazine	Target		ug/kg	U	330	30
87-86-5	Pentachlorophenol	Target		ug/kg	U	330	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Target		ug/kg	U	170	34
120-12-7	Anthracene	Target		ug/kg	U	170	33
86-74-8	Carbazole	Target		ug/kg	U	330	39
84-74-2	Di-n-butylphthalate	Target		ug/kg	U	170	35
206-44-0	Fluoranthene	Target		ug/kg	U	170	30
129-00-0	Pyrene	Target		ug/kg	U	170	34
85-68-7	Butylbenzylphthalate	Target		ug/kg	U	170	29
91-94-1	3,3'-Dichlorobenzidine	Target		ug/kg	U	330	14
56-55-3	Benzo(a)anthracene	Target		ug/kg	U	170	31
218-01-9	Chrysene	Target		ug/kg	U	170	31
117-81-7	Bis(2-ethylhexyl)phthalate	Target		ug/kg	U	170	30
117-84-0	Di-n-octylphthalate	Target		ug/kg	U	330	28
205-99-2	Benzo(b)fluoranthene	Target		ug/kg	U	170	32
207-08-9	Benzo(k)fluoranthene	Target		ug/kg	U	170	32
50-32-8	Benzo(a)pyrene	Target		ug/kg	U	170	31
193-39-5	Indeno[1,2,3-cd]pyrene	Target		ug/kg	U	170	30
53-70-3	Dibenzo(a,h)anthracene	Target		ug/kg	U	170	36
191-24-2	Benzo(g,h,i)perylene	Target		ug/kg	U	170	38
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/kg	U	170	38

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

Sample Number: GPC19x300mm1	Method: Semivolatiles	Matrix: Water	MA Number:
Sample Type: Cleanup_Blank	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol:	Wt/Vol Units:	Result Basis: Total	Heated Purge: No
Analysis Date: 08/23/2021 19:59:00	Preparation: Liq_Liq	Cleanup: GPC 07/22/2021 00:00:00	Level: Low
pH: 2.0	% Solids:	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/L	U	67	0.5
100-52-7	Benzaldehyde	Target		ug/L	U	330	1.4
108-95-2	Phenol	Target		ug/L	U	330	0.92
111-44-4	Bis(2-chloroethyl)ether	Target		ug/L	U	330	0.96
95-57-8	2-Chlorophenol	Target		ug/L	U	170	0.92
95-48-7	2-Methylphenol	Target		ug/L	U	330	0.83
108-60-1	2,2'-Oxybis(1-chloropropane)	Target		ug/L	U	330	0.96
98-86-2	Acetophenone	Target		ug/L	U	330	0.87
106-44-5	4-Methylphenol	Target		ug/L	U	330	0.96
621-64-7	N-Nitroso-di-n propylamine	Target		ug/L	U	170	0.85
67-72-1	Hexachloroethane	Target		ug/L	U	170	0.85
98-95-3	Nitrobenzene	Target		ug/L	U	170	0.92
78-59-1	Isophorone	Target		ug/L	U	170	0.94
88-75-5	2-Nitrophenol	Target		ug/L	U	170	0.98
105-67-9	2,4-Dimethylphenol	Target		ug/L	U	170	1.1
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/L	U	170	0.96
120-83-2	2,4-Dichlorophenol	Target		ug/L	U	170	1
91-20-3	Naphthalene	Target		ug/L	U	170	1
106-47-8	4-Chloroaniline	Target		ug/L	U	330	0.96
87-68-3	Hexachlorobutadiene	Target		ug/L	U	170	0.86
105-60-2	Caprolactam	Target		ug/L	U	330	0.92
59-50-7	4-Chloro-3-methylphenol	Target		ug/L	U	170	0.84
90-12-0	1-Methylnaphthalene	Target		ug/L	U	170	0.96
91-57-6	2-Methylnaphthalene	Target		ug/L	U	170	0.94
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/L	U	330	0.39
88-06-2	2,4,6-Trichlorophenol	Target		ug/L	U	170	1
95-95-4	2,4,5-Trichlorophenol	Target		ug/L	U	170	0.86
92-52-4	1,1'-Biphenyl	Target		ug/L	U	170	0.87
91-58-7	2-Chloronaphthalene	Target		ug/L	U	170	0.92
88-74-4	2-Nitroaniline	Target		ug/L	U	170	0.82
131-11-3	Dimethylphthalate	Target		ug/L	U	170	0.92
606-20-2	2,6-Dinitrotoluene	Target		ug/L	U	170	0.96
208-96-8	Acenaphthylene	Target		ug/L	U	170	0.98
99-09-2	3-Nitroaniline	Target		ug/L	U	330	0.8
83-32-9	Acenaphthene	Target		ug/L	U	170	0.81
51-28-5	2,4-Dinitrophenol	Target		ug/L	U	330	0.69
100-02-7	4-Nitrophenol	Target		ug/L	U	330	0.76
132-64-9	Dibenzofuran	Target		ug/L	U	170	0.98
121-14-2	2,4-Dinitrotoluene	Target		ug/L	U	170	0.83
84-66-2	Diethylphthalate	Target		ug/L	U	170	1.6
86-73-7	Fluorene	Target		ug/L	U	170	0.95
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/L	U	170	0.83
100-01-6	4-Nitroaniline	Target		ug/L	U	330	0.85
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/L	U	330	1
86-30-6	N-Nitrosodiphenylamine	Target		ug/L	U	170	0.36
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/L	U	170	0.97
101-55-3	4-Bromophenyl-phenylether	Target		ug/L	U	170	0.81
118-74-1	Hexachlorobenzene	Target		ug/L	U	170	0.97
1912-24-9	Atrazine	Target		ug/L	U	330	0.81
87-86-5	Pentachlorophenol	Target		ug/L	U	330	0.92
85-01-8	Phenanthrene	Target		ug/L	U	170	0.94

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
120-12-7	Anthracene	Target		ug/L	U	170	0.9
86-74-8	Carbazole	Target		ug/L	U	330	0.84
84-74-2	Di-n-butylphthalate	Target		ug/L	U	170	0.96
206-44-0	Fluoranthene	Target		ug/L	U	170	0.83
129-00-0	Pyrene	Target		ug/L	U	170	0.88
85-68-7	Butylbenzylphthalate	Target		ug/L	U	170	0.97
91-94-1	3,3'-Dichlorobenzidine	Target		ug/L	U	330	0.57
56-55-3	Benzo(a)anthracene	Target		ug/L	U	170	0.93
218-01-9	Chrysene	Target		ug/L	U	170	0.91
117-81-7	Bis(2-ethylhexyl)phthalate	Target		ug/L	U	170	0.67
117-84-0	Di-n-octylphthalate	Target		ug/L	U	330	0.75
205-99-2	Benzo(b)fluoranthene	Target		ug/L	U	170	0.84
207-08-9	Benzo(k)fluoranthene	Target		ug/L	U	170	0.81
50-32-8	Benzo(a)pyrene	Target		ug/L	U	170	0.81
193-39-5	Indeno[1,2,3-cd]pyrene	Target		ug/L	U	170	0.89
53-70-3	Dibenzo(a,h)anthracene	Target		ug/L	U	170	0.84
191-24-2	Benzo(g,h,i)perylene	Target		ug/L	U	170	0.93
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/L	U	170	0.89

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

Sample Number: GPC19x300mm2	Method: Semivolatiles	Matrix: Water	MA Number:
Sample Type: Cleanup_Blank	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol:	Wt/Vol Units:	Result Basis: Total	Heated Purge: No
Analysis Date: 08/23/2021 20:35:00	Preparation: Liq_Liq	Cleanup: GPC 07/23/2021 00:00:00	Level: Low
pH: 2.0	% Solids:	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/L	U	67	0.5
100-52-7	Benzaldehyde	Target		ug/L	U	330	1.4
108-95-2	Phenol	Target		ug/L	U	330	0.92
111-44-4	Bis(2-chloroethyl)ether	Target		ug/L	U	330	0.96
95-57-8	2-Chlorophenol	Target		ug/L	U	170	0.92
95-48-7	2-Methylphenol	Target		ug/L	U	330	0.83
108-60-1	2,2'-Oxybis(1-chloropropane)	Target		ug/L	U	330	0.96
98-86-2	Acetophenone	Target		ug/L	U	330	0.87
106-44-5	4-Methylphenol	Target		ug/L	U	330	0.96
621-64-7	N-Nitroso-di-n propylamine	Target		ug/L	U	170	0.85
67-72-1	Hexachloroethane	Target		ug/L	U	170	0.85
98-95-3	Nitrobenzene	Target		ug/L	U	170	0.92
78-59-1	Isophorone	Target		ug/L	U	170	0.94
88-75-5	2-Nitrophenol	Target		ug/L	U	170	0.98
105-67-9	2,4-Dimethylphenol	Target		ug/L	U	170	1.1
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/L	U	170	0.96
120-83-2	2,4-Dichlorophenol	Target		ug/L	U	170	1
91-20-3	Naphthalene	Target		ug/L	U	170	1
106-47-8	4-Chloroaniline	Target		ug/L	U	330	0.96
87-68-3	Hexachlorobutadiene	Target		ug/L	U	170	0.86
105-60-2	Caprolactam	Target		ug/L	U	330	0.92
59-50-7	4-Chloro-3-methylphenol	Target		ug/L	U	170	0.84
90-12-0	1-Methylnaphthalene	Target		ug/L	U	170	0.96
91-57-6	2-Methylnaphthalene	Target		ug/L	U	170	0.94
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/L	U	330	0.39
88-06-2	2,4,6-Trichlorophenol	Target		ug/L	U	170	1
95-95-4	2,4,5-Trichlorophenol	Target		ug/L	U	170	0.86
92-52-4	1,1'-Biphenyl	Target		ug/L	U	170	0.87
91-58-7	2-Chloronaphthalene	Target		ug/L	U	170	0.92
88-74-4	2-Nitroaniline	Target		ug/L	U	170	0.82
131-11-3	Dimethylphthalate	Target		ug/L	U	170	0.92
606-20-2	2,6-Dinitrotoluene	Target		ug/L	U	170	0.96
208-96-8	Acenaphthylene	Target		ug/L	U	170	0.98
99-09-2	3-Nitroaniline	Target		ug/L	U	330	0.8
83-32-9	Acenaphthene	Target		ug/L	U	170	0.81
51-28-5	2,4-Dinitrophenol	Target		ug/L	U	330	0.69
100-02-7	4-Nitrophenol	Target		ug/L	U	330	0.76
132-64-9	Dibenzofuran	Target		ug/L	U	170	0.98
121-14-2	2,4-Dinitrotoluene	Target		ug/L	U	170	0.83
84-66-2	Diethylphthalate	Target		ug/L	U	170	1.6
86-73-7	Fluorene	Target		ug/L	U	170	0.95
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/L	U	170	0.83
100-01-6	4-Nitroaniline	Target		ug/L	U	330	0.85
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/L	U	330	1
86-30-6	N-Nitrosodiphenylamine	Target		ug/L	U	170	0.36
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/L	U	170	0.97
101-55-3	4-Bromophenyl-phenylether	Target		ug/L	U	170	0.81
118-74-1	Hexachlorobenzene	Target		ug/L	U	170	0.97
1912-24-9	Atrazine	Target		ug/L	U	330	0.81
87-86-5	Pentachlorophenol	Target		ug/L	U	330	0.92
85-01-8	Phenanthrene	Target		ug/L	U	170	0.94

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
120-12-7	Anthracene	Target		ug/L	U	170	0.9
86-74-8	Carbazole	Target		ug/L	U	330	0.84
84-74-2	Di-n-butylphthalate	Target		ug/L	U	170	0.96
206-44-0	Fluoranthene	Target		ug/L	U	170	0.83
129-00-0	Pyrene	Target		ug/L	U	170	0.88
85-68-7	Butylbenzylphthalate	Target		ug/L	U	170	0.97
91-94-1	3,3'-Dichlorobenzidine	Target		ug/L	U	330	0.57
56-55-3	Benzo(a)anthracene	Target		ug/L	U	170	0.93
218-01-9	Chrysene	Target		ug/L	U	170	0.91
117-81-7	Bis(2-ethylhexyl)phthalate	Target		ug/L	U	170	0.67
117-84-0	Di-n-octylphthalate	Target		ug/L	U	330	0.75
205-99-2	Benzo(b)fluoranthene	Target		ug/L	U	170	0.84
207-08-9	Benzo(k)fluoranthene	Target		ug/L	U	170	0.81
50-32-8	Benzo(a)pyrene	Target		ug/L	U	170	0.81
193-39-5	Indeno[1,2,3-cd]pyrene	Target		ug/L	U	170	0.89
53-70-3	Dibenzo(a,h)anthracene	Target		ug/L	U	170	0.84
191-24-2	Benzo(g,h,i)perylene	Target		ug/L	U	170	0.93
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/L	U	170	0.89

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

Sample Number: GPC19x300mm3	Method: Semivolatiles	Matrix: Water	MA Number:
Sample Type: Cleanup_Blank	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol:	Wt/Vol Units:	Result Basis: Total	Heated Purge: No
Analysis Date: 08/23/2021 21:11:00	Preparation: Liq_Liq	Cleanup: GPC 07/23/2021 00:00:00	Level: Low
pH: 2.0	% Solids:	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Target		ug/L	U	67	0.5
100-52-7	Benzaldehyde	Target		ug/L	U	330	1.4
108-95-2	Phenol	Target		ug/L	U	330	0.92
111-44-4	Bis(2-chloroethyl)ether	Target		ug/L	U	330	0.96
95-57-8	2-Chlorophenol	Target		ug/L	U	170	0.92
95-48-7	2-Methylphenol	Target		ug/L	U	330	0.83
108-60-1	2,2'-Oxybis(1-chloropropane)	Target		ug/L	U	330	0.96
98-86-2	Acetophenone	Target		ug/L	U	330	0.87
106-44-5	4-Methylphenol	Target		ug/L	U	330	0.96
621-64-7	N-Nitroso-di-n propylamine	Target		ug/L	U	170	0.85
67-72-1	Hexachloroethane	Target		ug/L	U	170	0.85
98-95-3	Nitrobenzene	Target		ug/L	U	170	0.92
78-59-1	Isophorone	Target		ug/L	U	170	0.94
88-75-5	2-Nitrophenol	Target		ug/L	U	170	0.98
105-67-9	2,4-Dimethylphenol	Target		ug/L	U	170	1.1
111-91-1	Bis(2-chloroethoxy)methane	Target		ug/L	U	170	0.96
120-83-2	2,4-Dichlorophenol	Target		ug/L	U	170	1
91-20-3	Naphthalene	Target		ug/L	U	170	1
106-47-8	4-Chloroaniline	Target		ug/L	U	330	0.96
87-68-3	Hexachlorobutadiene	Target		ug/L	U	170	0.86
105-60-2	Caprolactam	Target		ug/L	U	330	0.92
59-50-7	4-Chloro-3-methylphenol	Target		ug/L	U	170	0.84
90-12-0	1-Methylnaphthalene	Target		ug/L	U	170	0.96
91-57-6	2-Methylnaphthalene	Target		ug/L	U	170	0.94
77-47-4	Hexachlorocyclo-pentadiene	Target		ug/L	U	330	0.39
88-06-2	2,4,6-Trichlorophenol	Target		ug/L	U	170	1
95-95-4	2,4,5-Trichlorophenol	Target		ug/L	U	170	0.86
92-52-4	1,1'-Biphenyl	Target		ug/L	U	170	0.87
91-58-7	2-Chloronaphthalene	Target		ug/L	U	170	0.92
88-74-4	2-Nitroaniline	Target		ug/L	U	170	0.82
131-11-3	Dimethylphthalate	Target		ug/L	U	170	0.92
606-20-2	2,6-Dinitrotoluene	Target		ug/L	U	170	0.96
208-96-8	Acenaphthylene	Target		ug/L	U	170	0.98
99-09-2	3-Nitroaniline	Target		ug/L	U	330	0.8
83-32-9	Acenaphthene	Target		ug/L	U	170	0.81
51-28-5	2,4-Dinitrophenol	Target		ug/L	U	330	0.69
100-02-7	4-Nitrophenol	Target		ug/L	U	330	0.76
132-64-9	Dibenzofuran	Target		ug/L	U	170	0.98
121-14-2	2,4-Dinitrotoluene	Target		ug/L	U	170	0.83
84-66-2	Diethylphthalate	Target		ug/L	U	170	1.6
86-73-7	Fluorene	Target		ug/L	U	170	0.95
7005-72-3	4-Chlorophenyl-phenylether	Target		ug/L	U	170	0.83
100-01-6	4-Nitroaniline	Target		ug/L	U	330	0.85
534-52-1	4,6-Dinitro-2-methylphenol	Target		ug/L	U	330	1
86-30-6	N-Nitrosodiphenylamine	Target		ug/L	U	170	0.36
95-94-3	1,2,4,5-Tetrachlorobenzene	Target		ug/L	U	170	0.97
101-55-3	4-Bromophenyl-phenylether	Target		ug/L	U	170	0.81
118-74-1	Hexachlorobenzene	Target		ug/L	U	170	0.97
1912-24-9	Atrazine	Target		ug/L	U	330	0.81
87-86-5	Pentachlorophenol	Target		ug/L	U	330	0.92
85-01-8	Phenanthrene	Target		ug/L	U	170	0.94

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
120-12-7	Anthracene	Target		ug/L	U	170	0.9
86-74-8	Carbazole	Target		ug/L	U	330	0.84
84-74-2	Di-n-butylphthalate	Target		ug/L	U	170	0.96
206-44-0	Fluoranthene	Target		ug/L	U	170	0.83
129-00-0	Pyrene	Target		ug/L	U	170	0.88
85-68-7	Butylbenzylphthalate	Target		ug/L	U	170	0.97
91-94-1	3,3'-Dichlorobenzidine	Target		ug/L	U	330	0.57
56-55-3	Benzo(a)anthracene	Target		ug/L	U	170	0.93
218-01-9	Chrysene	Target		ug/L	U	170	0.91
117-81-7	Bis(2-ethylhexyl)phthalate	Target		ug/L	U	170	0.67
117-84-0	Di-n-octylphthalate	Target		ug/L	U	330	0.75
205-99-2	Benzo(b)fluoranthene	Target		ug/L	U	170	0.84
207-08-9	Benzo(k)fluoranthene	Target		ug/L	U	170	0.81
50-32-8	Benzo(a)pyrene	Target		ug/L	U	170	0.81
193-39-5	Indeno[1,2,3-cd]pyrene	Target		ug/L	U	170	0.89
53-70-3	Dibenzo(a,h)anthracene	Target		ug/L	U	170	0.84
191-24-2	Benzo(g,h,i)perylene	Target		ug/L	U	170	0.93
58-90-2	2,3,4,6-Tetrachlorophenol	Target		ug/L	U	170	0.89

Laboratory Results Report

Case: 49551 | **Contract: 68HERH20D0016** | **SDG: F3B40** | **Lab Code: SRI**

Sample Number: F3B55MS	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Matrix_Spike	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 30.7	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/23/2021 22:59:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/22/2021 00:00:00	Level: Low
pH:	% Solids: 88.5	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Spike	67	ug/kg	J	74	8.3
100-52-7	Benzaldehyde	Spike	600	ug/kg		360	26
108-95-2	Phenol	Spike	680	ug/kg		360	26
111-44-4	Bis(2-chloroethyl)ether	Spike	450	ug/kg		360	30
95-57-8	2-Chlorophenol	Spike	550	ug/kg		190	30
95-48-7	2-Methylphenol	Spike	700	ug/kg		360	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Spike	470	ug/kg		360	33
98-86-2	Acetophenone	Spike	510	ug/kg		360	30
106-44-5	4-Methylphenol	Spike	780	ug/kg		360	31
621-64-7	N-Nitroso-di-n propylamine	Spike	500	ug/kg		190	27
67-72-1	Hexachloroethane	Spike	350	ug/kg		190	27
98-95-3	Nitrobenzene	Spike	470	ug/kg		190	29
78-59-1	Isophorone	Spike	570	ug/kg		190	27
88-75-5	2-Nitrophenol	Spike	550	ug/kg		190	34
105-67-9	2,4-Dimethylphenol	Spike	480	ug/kg		190	22
111-91-1	Bis(2-chloroethoxy)methane	Spike	580	ug/kg		190	28
120-83-2	2,4-Dichlorophenol	Spike	820	ug/kg		190	29
91-20-3	Naphthalene	Spike	540	ug/kg		190	32
106-47-8	4-Chloroaniline	Spike		ug/kg	U	360	19
87-68-3	Hexachlorobutadiene	Spike	430	ug/kg		190	30
105-60-2	Caprolactam	Spike	830	ug/kg		360	25
59-50-7	4-Chloro-3-methylphenol	Spike	820	ug/kg		190	26
90-12-0	1-Methylnaphthalene	Spike	670	ug/kg		190	28
91-57-6	2-Methylnaphthalene	Spike	610	ug/kg		190	31
77-47-4	Hexachlorocyclo-pentadiene	Spike		ug/kg	U	360	36
88-06-2	2,4,6-Trichlorophenol	Spike	850	ug/kg		190	29
95-95-4	2,4,5-Trichlorophenol	Spike	900	ug/kg		190	28
92-52-4	1,1'-Biphenyl	Spike	750	ug/kg		190	31
91-58-7	2-Chloronaphthalene	Spike	740	ug/kg		190	32
88-74-4	2-Nitroaniline	Spike	730	ug/kg		190	28
131-11-3	Dimethylphthalate	Spike	800	ug/kg		190	32
606-20-2	2,6-Dinitrotoluene	Spike	860	ug/kg		190	28
208-96-8	Acenaphthylene	Spike	780	ug/kg		190	31
99-09-2	3-Nitroaniline	Spike	49	ug/kg	J	360	21
83-32-9	Acenaphthene	Spike	750	ug/kg		190	30
51-28-5	2,4-Dinitrophenol	Spike	820	ug/kg		360	23
100-02-7	4-Nitrophenol	Spike	440	ug/kg		360	25
132-64-9	Dibenzofuran	Spike	820	ug/kg		190	33
121-14-2	2,4-Dinitrotoluene	Spike	810	ug/kg		190	34
84-66-2	Diethylphthalate	Spike	830	ug/kg		190	39
86-73-7	Fluorene	Spike	820	ug/kg		190	30
7005-72-3	4-Chlorophenyl-phenylether	Spike	840	ug/kg		190	34
100-01-6	4-Nitroaniline	Spike	110	ug/kg	J	360	15
534-52-1	4,6-Dinitro-2-methylphenol	Spike	840	ug/kg		360	34
86-30-6	N-Nitrosodiphenylamine	Spike	640	ug/kg		190	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Spike	650	ug/kg		190	32
101-55-3	4-Bromophenyl-phenylether	Spike	850	ug/kg		190	32
118-74-1	Hexachlorobenzene	Spike	830	ug/kg		190	30
1912-24-9	Atrazine	Spike	640	ug/kg		360	30
87-86-5	Pentachlorophenol	Spike	830	ug/kg		360	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Spike	860	ug/kg		190	34
120-12-7	Anthracene	Spike	590	ug/kg		190	33
86-74-8	Carbazole	Spike	860	ug/kg		360	39
84-74-2	Di-n-butylphthalate	Spike	810	ug/kg		190	35
206-44-0	Fluoranthene	Spike	820	ug/kg		190	30
129-00-0	Pyrene	Spike	880	ug/kg		190	34
85-68-7	Butylbenzylphthalate	Spike	910	ug/kg		190	29
91-94-1	3,3'-Dichlorobenzidine	Spike		ug/kg	U	360	14
56-55-3	Benzo(a)anthracene	Spike	840	ug/kg		190	31
218-01-9	Chrysene	Spike	840	ug/kg		190	31
117-81-7	Bis(2-ethylhexyl)phthalate	Spike	890	ug/kg		190	30
117-84-0	Di-n-octylphthalate	Spike	930	ug/kg		360	28
205-99-2	Benzo(b)fluoranthene	Spike	860	ug/kg		190	32
207-08-9	Benzo(k)fluoranthene	Spike	830	ug/kg		190	32
50-32-8	Benzo(a)pyrene	Spike	810	ug/kg		190	31
193-39-5	Indeno[1,2,3-cd]pyrene	Spike	830	ug/kg		190	30
53-70-3	Dibenzo(a,h)anthracene	Spike	860	ug/kg		190	36
191-24-2	Benzo(g,h,i)perylene	Spike	820	ug/kg		190	38
58-90-2	2,3,4,6-Tetrachlorophenol	Spike	780	ug/kg		190	38

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B55MSD	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Matrix_Spike_Duplicate	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 30.6	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/23/2021 23:35:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/22/2021 00:00:00	Level: Low
pH:	% Solids: 88.5	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Spike	50	ug/kg	J	74	8.3
100-52-7	Benzaldehyde	Spike	530	ug/kg		370	26
108-95-2	Phenol	Spike	600	ug/kg		370	26
111-44-4	Bis(2-chloroethyl)ether	Spike	380	ug/kg		370	30
95-57-8	2-Chlorophenol	Spike	480	ug/kg		190	30
95-48-7	2-Methylphenol	Spike	650	ug/kg		370	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Spike	410	ug/kg		370	33
98-86-2	Acetophenone	Spike	450	ug/kg		370	30
106-44-5	4-Methylphenol	Spike	740	ug/kg		370	31
621-64-7	N-Nitroso-di-n propylamine	Spike	450	ug/kg		190	27
67-72-1	Hexachloroethane	Spike	290	ug/kg		190	27
98-95-3	Nitrobenzene	Spike	400	ug/kg		190	29
78-59-1	Isophorone	Spike	510	ug/kg		190	27
88-75-5	2-Nitrophenol	Spike	480	ug/kg		190	34
105-67-9	2,4-Dimethylphenol	Spike	500	ug/kg		190	22
111-91-1	Bis(2-chloroethoxy)methane	Spike	500	ug/kg		190	28
120-83-2	2,4-Dichlorophenol	Spike	750	ug/kg		190	29
91-20-3	Naphthalene	Spike	450	ug/kg		190	32
106-47-8	4-Chloroaniline	Spike		ug/kg	U	370	19
87-68-3	Hexachlorobutadiene	Spike	360	ug/kg		190	30
105-60-2	Caprolactam	Spike	740	ug/kg		370	25
59-50-7	4-Chloro-3-methylphenol	Spike	750	ug/kg		190	26
90-12-0	1-Methylnaphthalene	Spike	590	ug/kg		190	28
91-57-6	2-Methylnaphthalene	Spike	540	ug/kg		190	31
77-47-4	Hexachlorocyclo-pentadiene	Spike		ug/kg	U	370	36
88-06-2	2,4,6-Trichlorophenol	Spike	810	ug/kg		190	29
95-95-4	2,4,5-Trichlorophenol	Spike	850	ug/kg		190	28
92-52-4	1,1'-Biphenyl	Spike	690	ug/kg		190	31
91-58-7	2-Chloronaphthalene	Spike	680	ug/kg		190	32
88-74-4	2-Nitroaniline	Spike	680	ug/kg		190	28
131-11-3	Dimethylphthalate	Spike	760	ug/kg		190	32
606-20-2	2,6-Dinitrotoluene	Spike	800	ug/kg		190	28
208-96-8	Acenaphthylene	Spike	730	ug/kg		190	31
99-09-2	3-Nitroaniline	Spike	38	ug/kg	J	370	21
83-32-9	Acenaphthene	Spike	710	ug/kg		190	30
51-28-5	2,4-Dinitrophenol	Spike	740	ug/kg		370	23
100-02-7	4-Nitrophenol	Spike	390	ug/kg		370	25
132-64-9	Dibenzofuran	Spike	760	ug/kg		190	33
121-14-2	2,4-Dinitrotoluene	Spike	750	ug/kg		190	34
84-66-2	Diethylphthalate	Spike	760	ug/kg		190	39
86-73-7	Fluorene	Spike	760	ug/kg		190	30
7005-72-3	4-Chlorophenyl-phenylether	Spike	770	ug/kg		190	34
100-01-6	4-Nitroaniline	Spike	83	ug/kg	J	370	15
534-52-1	4,6-Dinitro-2-methylphenol	Spike	780	ug/kg		370	34
86-30-6	N-Nitrosodiphenylamine	Spike	650	ug/kg		190	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Spike	590	ug/kg		190	32
101-55-3	4-Bromophenyl-phenylether	Spike	820	ug/kg		190	32
118-74-1	Hexachlorobenzene	Spike	790	ug/kg		190	30
1912-24-9	Atrazine	Spike	620	ug/kg		370	30
87-86-5	Pentachlorophenol	Spike	720	ug/kg		370	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Spike	790	ug/kg		190	34
120-12-7	Anthracene	Spike	620	ug/kg		190	33
86-74-8	Carbazole	Spike	790	ug/kg		370	39
84-74-2	Di-n-butylphthalate	Spike	740	ug/kg		190	35
206-44-0	Fluoranthene	Spike	750	ug/kg		190	30
129-00-0	Pyrene	Spike	820	ug/kg		190	34
85-68-7	Butylbenzylphthalate	Spike	820	ug/kg		190	29
91-94-1	3,3'-Dichlorobenzidine	Spike		ug/kg	U	370	14
56-55-3	Benzo(a)anthracene	Spike	790	ug/kg		190	31
218-01-9	Chrysene	Spike	780	ug/kg		190	31
117-81-7	Bis(2-ethylhexyl)phthalate	Spike	820	ug/kg		190	30
117-84-0	Di-n-octylphthalate	Spike	870	ug/kg		370	28
205-99-2	Benzo(b)fluoranthene	Spike	830	ug/kg		190	32
207-08-9	Benzo(k)fluoranthene	Spike	770	ug/kg		190	32
50-32-8	Benzo(a)pyrene	Spike	790	ug/kg		190	31
193-39-5	Indeno[1,2,3-cd]pyrene	Spike	800	ug/kg		190	30
53-70-3	Dibenzo(a,h)anthracene	Spike	820	ug/kg		190	36
191-24-2	Benzo(g,h,i)perylene	Spike	790	ug/kg		190	38
58-90-2	2,3,4,6-Tetrachlorophenol	Spike	730	ug/kg		190	38

Laboratory Results Report

Case: 49551 | **Contract: 68HERH20D0016** | **SDG: F3B40** | **Lab Code: SRI**

Sample Number: SLCS01	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Type: Laboratory_Control_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: ZB-Semivolatile
Sample Wt/Vol: 30.7	Wt/Vol Units: g	Result Basis: Dry	Heated Purge: No
Analysis Date: 08/23/2021 21:47:00	Preparation: Soxhlet 07/19/2021 18:20:45, Soxhlet	Cleanup: GPC 07/22/2021 00:00:00	Level: Low
pH:	% Solids: 100	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
123-91-1	1,4-Dioxane	Spike	120	ug/kg		65	8.3
100-52-7	Benzaldehyde	Spike	720	ug/kg		320	26
108-95-2	Phenol	Spike	720	ug/kg		320	26
111-44-4	Bis(2-chloroethyl)ether	Spike	710	ug/kg		320	30
95-57-8	2-Chlorophenol	Spike	710	ug/kg		170	30
95-48-7	2-Methylphenol	Spike	720	ug/kg		320	30
108-60-1	2,2'-Oxybis(1-chloropropane)	Spike	730	ug/kg		320	33
98-86-2	Acetophenone	Spike	690	ug/kg		320	30
106-44-5	4-Methylphenol	Spike	750	ug/kg		320	31
621-64-7	N-Nitroso-di-n propylamine	Spike	630	ug/kg		170	27
67-72-1	Hexachloroethane	Spike	600	ug/kg		170	27
98-95-3	Nitrobenzene	Spike	630	ug/kg		170	29
78-59-1	Isophorone	Spike	650	ug/kg		170	27
88-75-5	2-Nitrophenol	Spike	680	ug/kg		170	34
105-67-9	2,4-Dimethylphenol	Spike	550	ug/kg		170	22
111-91-1	Bis(2-chloroethoxy)methane	Spike	670	ug/kg		170	28
120-83-2	2,4-Dichlorophenol	Spike	680	ug/kg		170	29
91-20-3	Naphthalene	Spike	660	ug/kg		170	32
106-47-8	4-Chloroaniline	Spike	610	ug/kg		320	19
87-68-3	Hexachlorobutadiene	Spike	620	ug/kg		170	30
105-60-2	Caprolactam	Spike	690	ug/kg		320	25
59-50-7	4-Chloro-3-methylphenol	Spike	640	ug/kg		170	26
90-12-0	1-Methylnaphthalene	Spike	670	ug/kg		170	28
91-57-6	2-Methylnaphthalene	Spike	610	ug/kg		170	31
77-47-4	Hexachlorocyclo-pentadiene	Spike		ug/kg	U	320	36
88-06-2	2,4,6-Trichlorophenol	Spike	660	ug/kg		170	29
95-95-4	2,4,5-Trichlorophenol	Spike	670	ug/kg		170	28
92-52-4	1,1'-Biphenyl	Spike	660	ug/kg		170	31
91-58-7	2-Chloronaphthalene	Spike	660	ug/kg		170	32
88-74-4	2-Nitroaniline	Spike	610	ug/kg		170	28
131-11-3	Dimethylphthalate	Spike	640	ug/kg		170	32
606-20-2	2,6-Dinitrotoluene	Spike	680	ug/kg		170	28
208-96-8	Acenaphthylene	Spike	680	ug/kg		170	31
99-09-2	3-Nitroaniline	Spike	630	ug/kg		320	21
83-32-9	Acenaphthene	Spike	630	ug/kg		170	30
51-28-5	2,4-Dinitrophenol	Spike	610	ug/kg		320	23
100-02-7	4-Nitrophenol	Spike	420	ug/kg		320	25
132-64-9	Dibenzofuran	Spike	650	ug/kg		170	33
121-14-2	2,4-Dinitrotoluene	Spike	680	ug/kg		170	34
84-66-2	Diethylphthalate	Spike	660	ug/kg		170	39
86-73-7	Fluorene	Spike	640	ug/kg		170	30
7005-72-3	4-Chlorophenyl-phenylether	Spike	640	ug/kg		170	34
100-01-6	4-Nitroaniline	Spike	730	ug/kg		320	15
534-52-1	4,6-Dinitro-2-methylphenol	Spike	680	ug/kg		320	34
86-30-6	N-Nitrosodiphenylamine	Spike	670	ug/kg		170	30
95-94-3	1,2,4,5-Tetrachlorobenzene	Spike	630	ug/kg		170	32
101-55-3	4-Bromophenyl-phenylether	Spike	660	ug/kg		170	32
118-74-1	Hexachlorobenzene	Spike	660	ug/kg		170	30
1912-24-9	Atrazine	Spike	700	ug/kg		320	30
87-86-5	Pentachlorophenol	Spike	600	ug/kg		320	37

Laboratory Results Report

Case: 49551 **Contract: 68HERH20D0016** **SDG: F3B40** **Lab Code: SRI**

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
85-01-8	Phenanthrene	Spike	670	ug/kg		170	34
120-12-7	Anthracene	Spike	620	ug/kg		170	33
86-74-8	Carbazole	Spike	720	ug/kg		320	39
84-74-2	Di-n-butylphthalate	Spike	680	ug/kg		170	35
206-44-0	Fluoranthene	Spike	670	ug/kg		170	30
129-00-0	Pyrene	Spike	740	ug/kg		170	34
85-68-7	Butylbenzylphthalate	Spike	710	ug/kg		170	29
91-94-1	3,3'-Dichlorobenzidine	Spike	220	ug/kg	J	320	14
56-55-3	Benzo(a)anthracene	Spike	710	ug/kg		170	31
218-01-9	Chrysene	Spike	690	ug/kg		170	31
117-81-7	Bis(2-ethylhexyl)phthalate	Spike	720	ug/kg		170	30
117-84-0	Di-n-octylphthalate	Spike	750	ug/kg		320	28
205-99-2	Benzo(b)fluoranthene	Spike	710	ug/kg		170	32
207-08-9	Benzo(k)fluoranthene	Spike	670	ug/kg		170	32
50-32-8	Benzo(a)pyrene	Spike	730	ug/kg		170	31
193-39-5	Indeno[1,2,3-cd]pyrene	Spike	680	ug/kg		170	30
53-70-3	Dibenzo(a,h)anthracene	Spike	700	ug/kg		170	36
191-24-2	Benzo(g,h,i)perylene	Spike	690	ug/kg		170	38
58-90-2	2,3,4,6-Tetrachlorophenol	Spike	620	ug/kg		170	38

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B40	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.2	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 16:26:12	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 90.2	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	37	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	37	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	37	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	37	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	37	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	37	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	37	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	37	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	37	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B40	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.2	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 16:26:12	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 90.2	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	37	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	37	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	37	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	37	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	37	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	37	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	37	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	37	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	37	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B41	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.4	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 17:10:49	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 86.3	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	38	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	38	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	38	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	38	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	38	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	38	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	38	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	38	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	38	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B41	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.4	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 17:10:49	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 86.3	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	38	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	38	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	38	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	38	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	38	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	38	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	38	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	38	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	38	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B42	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.6	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 17:55:23	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 90.2	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	36	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	36	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	36	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	36	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	36	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	36	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	36	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	36	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	36	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B42	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.6	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 17:55:23	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 90.2	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	36	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	36	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	36	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	36	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	36	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	36	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	36	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	36	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	36	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B43	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.3	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 18:39:59	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 78.2	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	42	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	42	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	42	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	42	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	42	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	42	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	42	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	42	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	42	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B43	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.3	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 18:39:59	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 78.2	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	42	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	42	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	42	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	42	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	42	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	42	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	42	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	42	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	42	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B44	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.6	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 20:53:49	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 82.9	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	39	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	39	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	39	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	39	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	39	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	39	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	39	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	39	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	39	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B44	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.6	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 20:53:49	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 82.9	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	39	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	39	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	39	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	39	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	39	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	39	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	39	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	39	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	39	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B45	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.3	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 21:38:27	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 85.4	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	39	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	39	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	39	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	39	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	39	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	39	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	39	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	39	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	39	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B45	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.3	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 21:38:27	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 85.4	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	39	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	39	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	39	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	39	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	39	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	39	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	39	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	39	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	39	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B46	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.4	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 22:23:04	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 85.4	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	39	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	39	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	39	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	39	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	39	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	39	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	39	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	39	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	39	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B46	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.4	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 22:23:04	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 85.4	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	39	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	39	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	39	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	39	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	39	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	39	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	39	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	39	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	39	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B47	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.5	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 23:07:42	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 88.8	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	37	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	37	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	37	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	37	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	37	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	37	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	37	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	37	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	37	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B47	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.5	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 23:07:42	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 88.8	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	37	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	37	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	37	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	37	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	37	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	37	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	37	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	37	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	37	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B48	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.2	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 23:52:20	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 90.2	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	37	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	37	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	37	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	37	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	37	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	37	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	37	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	37	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	37	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B48	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.2	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 23:52:20	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 90.2	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	37	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	37	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	37	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	37	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	37	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	37	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	37	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	37	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	37	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B49	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.5	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/27/2021 00:37:00	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 80.1	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	41	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	41	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	41	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	41	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	41	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	41	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	41	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	41	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	41	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B49	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.5	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/27/2021 00:37:00	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 80.1	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	41	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	41	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	41	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	41	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	41	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	41	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	41	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	41	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	41	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B50	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.3	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/27/2021 01:21:39	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 88.2	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	37	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	37	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	37	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	37	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	37	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	37	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	37	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	37	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	37	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B50	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.3	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/27/2021 01:21:39	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 88.2	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	37	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	37	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	37	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	37	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	37	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	37	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	37	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	37	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	37	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B51	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.2	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/27/2021 02:06:17	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 89.2	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	37	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	37	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	37	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	37	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	37	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	37	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	37	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	37	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	37	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B51	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.2	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/27/2021 02:06:17	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 89.2	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	37	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	37	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	37	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	37	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	37	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	37	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	37	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	37	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	37	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B52	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.6	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/27/2021 02:50:58	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 88.9	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	37	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	37	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	37	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	37	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	37	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	37	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	37	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	37	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	37	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B52	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.6	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/27/2021 02:50:58	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 88.9	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	37	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	37	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	37	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	37	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	37	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	37	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	37	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	37	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	37	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B53	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.4	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/27/2021 03:35:33	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 87.1	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	38	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	38	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	38	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	38	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	38	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	38	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	38	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	38	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	38	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B53	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.4	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/27/2021 03:35:33	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 87.1	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	38	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	38	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	38	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	38	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	38	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	38	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	38	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	38	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	38	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B54	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.4	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/27/2021 04:20:08	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 83.0	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	40	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	40	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	40	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	40	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	40	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	40	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	40	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	40	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	40	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B54	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.4	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/27/2021 04:20:08	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 83.0	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	40	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	40	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	40	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	40	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	40	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	40	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	40	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	40	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	40	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B55	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.8	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 11:58:37	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 88.5	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	37	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	37	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	37	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	37	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	37	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	37	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	37	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	37	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	37	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B55	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.8	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 11:58:37	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 88.5	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	37	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	37	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	37	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	37	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	37	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	37	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	37	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	37	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	37	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B56	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.3	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/27/2021 05:04:44	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 70.4	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	47	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	47	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	47	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	47	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	47	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	47	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	47	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	47	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	47	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B56	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.3	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/27/2021 05:04:44	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 70.4	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	47	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	47	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	47	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	47	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	47	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	47	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	47	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	47	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	47	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B57	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.8	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 14:12:24	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 79.2	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	41	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	41	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	41	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	41	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	41	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	41	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	41	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	41	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	41	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B57	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.8	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 14:12:24	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 79.2	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	41	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	41	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	41	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	41	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	41	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	41	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	41	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	41	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	41	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B58	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.4	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 14:57:00	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 89.7	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	37	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	37	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	37	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	37	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	37	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	37	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	37	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	37	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	37	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B58	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.4	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 14:57:00	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 89.7	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	37	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	37	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	37	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	37	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	37	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	37	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	37	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	37	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	37	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B60	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.3	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 15:41:37	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 85.4	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	39	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	39	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	39	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	39	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	39	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	39	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	39	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	39	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	39	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B60	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Field_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.3	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 15:41:37	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 85.4	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	39	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	39	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	39	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	39	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	39	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	39	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	39	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	39	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	39	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: ABLK02	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Method_Blank	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.1	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 10:29:28	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 100	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	33	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	33	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	33	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	33	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	33	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	33	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	33	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	33	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	33	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: ABLK02	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Method_Blank	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.1	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 10:29:28	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 100	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	33	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	33	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	33	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	33	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	33	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	33	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	33	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	33	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	33	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: AIBLK01	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Instrument_Blank	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.00	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/22/2021 00:27:26	Preparation: Soxhlet 07/20/2021 00:00:00	Cleanup:	Level: Low
pH:	% Solids: 100	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	33	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	33	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	33	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	33	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	33	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	33	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	33	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	33	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	33	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: AIBLK01	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Instrument_Blank	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.00	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/22/2021 00:27:26	Preparation: Soxhlet 07/20/2021 00:00:00	Cleanup:	Level: Low
pH:	% Solids: 100	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	33	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	33	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	33	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	33	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	33	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	33	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	33	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	33	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	33	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: AIBLK03	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Instrument_Blank	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.00	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 09:00:18	Preparation: Soxhlet 07/20/2021 00:00:00	Cleanup:	Level: Low
pH:	% Solids: 100	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	33	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	33	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	33	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	33	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	33	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	33	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	33	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	33	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	33	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: AIBLK03	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Instrument_Blank	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.00	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 09:00:18	Preparation: Soxhlet 07/20/2021 00:00:00	Cleanup:	Level: Low
pH:	% Solids: 100	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	33	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	33	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	33	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	33	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	33	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	33	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	33	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	33	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	33	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: AIBLK04	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Instrument_Blank	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.00	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 19:24:35	Preparation: Soxhlet 07/20/2021 00:00:00	Cleanup:	Level: Low
pH:	% Solids: 100	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	33	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	33	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	33	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	33	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	33	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	33	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	33	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	33	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	33	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: AIBLK04	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Instrument_Blank	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.00	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 19:24:35	Preparation: Soxhlet 07/20/2021 00:00:00	Cleanup:	Level: Low
pH:	% Solids: 100	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	33	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	33	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	33	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	33	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	33	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	33	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	33	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	33	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	33	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: AIBLK05	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Instrument_Blank	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.00	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/27/2021 05:49:21	Preparation: Soxhlet 07/20/2021 00:00:00	Cleanup:	Level: Low
pH:	% Solids: 100	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	33	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	33	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	33	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	33	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	33	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	33	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	33	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	33	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	33	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: AIBLK05	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Instrument_Blank	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.00	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/27/2021 05:49:21	Preparation: Soxhlet 07/20/2021 00:00:00	Cleanup:	Level: Low
pH:	% Solids: 100	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Target		ug/kg	U	33	4.4
11104-28-2	Aroclor-1221	Target		ug/kg	U	33	4.8
11141-16-5	Aroclor-1232	Target		ug/kg	U	33	4.8
53469-21-9	Aroclor-1242	Target		ug/kg	U	33	4.8
12672-29-6	Aroclor-1248	Target		ug/kg	U	33	4.8
11097-69-1	Aroclor-1254	Target		ug/kg	U	33	4.8
11096-82-5	Aroclor-1260	Target		ug/kg	U	33	4.8
37324-23-5	Aroclor-1262	Target		ug/kg	U	33	4.8
11100-14-4	Aroclor-1268	Target		ug/kg	U	33	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B55MS	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Matrix_Spike	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.8	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 12:43:12	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 88.5	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Spike	140	ug/kg		37	4.4
11096-82-5	Aroclor-1260	Spike	160	ug/kg		37	4.8
11097-69-1	Aroclor-1254	Spike		ug/kg	U	37	4.8
37324-23-5	Aroclor-1262	Spike		ug/kg	U	37	4.8
11141-16-5	Aroclor-1232	Spike		ug/kg	U	37	4.8
12672-29-6	Aroclor-1248	Spike		ug/kg	U	37	4.8
11100-14-4	Aroclor-1268	Spike		ug/kg	U	37	4.8
11104-28-2	Aroclor-1221	Spike		ug/kg	U	37	4.8
53469-21-9	Aroclor-1242	Spike		ug/kg	U	37	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B55MS	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Matrix_Spike	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.8	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 12:43:12	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 88.5	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Spike	150	ug/kg		37	4.4
11096-82-5	Aroclor-1260	Spike	140	ug/kg		37	4.8
53469-21-9	Aroclor-1242	Spike		ug/kg	U	37	4.8
11097-69-1	Aroclor-1254	Spike		ug/kg	U	37	4.8
11100-14-4	Aroclor-1268	Spike		ug/kg	U	37	4.8
11104-28-2	Aroclor-1221	Spike		ug/kg	U	37	4.8
11141-16-5	Aroclor-1232	Spike		ug/kg	U	37	4.8
12672-29-6	Aroclor-1248	Spike		ug/kg	U	37	4.8
37324-23-5	Aroclor-1262	Spike		ug/kg	U	37	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B55MSD	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Matrix_Spike_Duplicate	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.8	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 13:27:48	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 88.5	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Spike	160	ug/kg		37	4.4
11096-82-5	Aroclor-1260	Spike	180	ug/kg		37	4.8
11141-16-5	Aroclor-1232	Spike		ug/kg	U	37	4.8
12672-29-6	Aroclor-1248	Spike		ug/kg	U	37	4.8
37324-23-5	Aroclor-1262	Spike		ug/kg	U	37	4.8
53469-21-9	Aroclor-1242	Spike		ug/kg	U	37	4.8
11097-69-1	Aroclor-1254	Spike		ug/kg	U	37	4.8
11100-14-4	Aroclor-1268	Spike		ug/kg	U	37	4.8
11104-28-2	Aroclor-1221	Spike		ug/kg	U	37	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: F3B55MSD	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Matrix_Spike_Duplicate	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.8	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 13:27:48	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 88.5	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Spike	160	ug/kg		37	4.4
11096-82-5	Aroclor-1260	Spike	170	ug/kg		37	4.8
11141-16-5	Aroclor-1232	Spike		ug/kg	U	37	4.8
11104-28-2	Aroclor-1221	Spike		ug/kg	U	37	4.8
11097-69-1	Aroclor-1254	Spike		ug/kg	U	37	4.8
12672-29-6	Aroclor-1248	Spike		ug/kg	U	37	4.8
37324-23-5	Aroclor-1262	Spike		ug/kg	U	37	4.8
11100-14-4	Aroclor-1268	Spike		ug/kg	U	37	4.8
53469-21-9	Aroclor-1242	Spike		ug/kg	U	37	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: ALCS02	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Laboratory_Control_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-1701P
Sample Wt/Vol: 30.1	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 11:14:02	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 100	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Spike	37	ug/kg		33	4.4
11096-82-5	Aroclor-1260	Spike	38	ug/kg		33	4.8
53469-21-9	Aroclor-1242	Spike		ug/kg	U	33	4.8
12672-29-6	Aroclor-1248	Spike		ug/kg	U	33	4.8
11097-69-1	Aroclor-1254	Spike		ug/kg	U	33	4.8
11141-16-5	Aroclor-1232	Spike		ug/kg	U	33	4.8
11104-28-2	Aroclor-1221	Spike		ug/kg	U	33	4.8
11100-14-4	Aroclor-1268	Spike		ug/kg	U	33	4.8
37324-23-5	Aroclor-1262	Spike		ug/kg	U	33	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

Sample Number: ALCS02	Method: Aroclors	Matrix: Soil	MA Number:
Sample Type: Laboratory_Control_Sample	Analysis Type: Initial	Dilution Factor: 1.0	Column ID: DB-608
Sample Wt/Vol: 30.1	Wt/Vol Units: g	Result Basis: Dry	Heated Purge:
Analysis Date: 07/26/2021 11:14:02	Preparation: Soxhlet 07/20/2021 00:00:00, Soxhlet	Cleanup: Sulfuric_Acid 07/23/2021 00:00:00	Level: Low
pH:	% Solids: 100	% Moisture:	% Lipids:

CAS Number	Analyte Name	Analyte Type	Result	Units	Qualifier	CRQL	MDL
12674-11-2	Aroclor-1016	Spike	40	ug/kg		33	4.4
11096-82-5	Aroclor-1260	Spike	41	ug/kg		33	4.8
11104-28-2	Aroclor-1221	Spike		ug/kg	U	33	4.8
11097-69-1	Aroclor-1254	Spike		ug/kg	U	33	4.8
11100-14-4	Aroclor-1268	Spike		ug/kg	U	33	4.8
11141-16-5	Aroclor-1232	Spike		ug/kg	U	33	4.8
12672-29-6	Aroclor-1248	Spike		ug/kg	U	33	4.8
37324-23-5	Aroclor-1262	Spike		ug/kg	U	33	4.8
53469-21-9	Aroclor-1242	Spike		ug/kg	U	33	4.8

Laboratory Results Report

Case: 49551	Contract: 68HERH20D0016	SDG: F3B40	Lab Code: SRI

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE RD.
HOUSTON, TEXAS 77099

September 17, 2021

MEMORANDUM

SUBJECT: Contract Laboratory Program Data Review

FROM: Raymond Flores, ESAT Regional Project Officer
Laboratory Services and Applied Science Division (6LASBE)

TO: Philip Ofosu, Superfund Project Manager (6SEDAS)

Site: **STREET & PERFORMANCE**

Case#: **49551**

SDG#: **F3B40**

The EPA Region 6 Environmental Services Branch ESAT data review team has completed a review of the submitted Contract Laboratory Program (CLP) data package for the referenced site. The samples analyzed and reviewed are detailed in the attached Regional data review report.

The data package is acceptable for regional use. Problems, if any, are listed in the report narrative. If you have any questions regarding the data review report, please contact me at (281) 983-2139.

ENVIRONMENTAL SERVICES ASSISTANCE TEAM

Serco, Inc.

ESAT Region 6
10625 Fallstone Road
Houston, TX 77099

MEMORANDUM

DATE: September 16, 2021

TO: Raymond Flores, ESAT PO, EPA Region 6

FROM: Ying-Ping Hsieh, Data Reviewer, ESAT YH

THRU: Dominic G. Jarecki, ESAT Program Manager, ESAT DGJ

SUBJECT: CLP Data Review

Contract No.:	68HE0121D0003
TO No.:	001
Task/Sub-Task:	2-6
ESAT Doc. No.:	0001-206-0025
TDF No.:	6-21-065A
ESAT File No.:	O-1555

Attached is the data review summary for Case # 49551
SDG # F3B40
Site Street & Performance, Inc.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE ROAD
HOUSTON, TEXAS 77099
ORGANIC REGIONAL DATA ASSESSMENT

CASE NO.	49551	SITE	Street & Performance, Inc.
LABORATORY	SRI	NO. OF SAMPLES	20
CONTRACT#	68HERH20D0016	MATRIX	17 Soil/3 Sediment
SDG#	F3B40	REVIEWER (IF NOT ESB)	ESAT
SOW#	SFAM01.1	REVIEWER'S NAME	Ying-Ping Hsieh
SF#	303DD2A6PY	COMPLETION DATE	September 16, 2021

SAMPLE NO.				
F3B40	F3B44	F3B48	F3B52	F3B56
F3B41	F3B45	F3B49	F3B53	F3B57
F3B42	F3B46	F3B50	F3B54	F3B58
F3B43	F3B47	F3B51	F3B55	F3B60

DATA ASSESSMENT SUMMARY

	SVOA	ARO
1. HOLDING TIMES	O	O
2. GC/MS TUNE/INSTR. PERFORM.	O	O
3. CALIBRATIONS	M	O
4. BLANKS	O	O
5. DMC/SURROGATES	M	O
6. MATRIX SPIKE/DUPLICATE/LCS	M	O
7. OTHER QC	N/A	N/A
8. INTERNAL STANDARDS	M	N/A
9. COMPOUND ID/QUANTITATION	O	O
10. PERFORMANCE/COMPLETENESS	O	O
11. OVERALL ASSESSMENT	M	O

O = Data had no problems.
M = Data qualified because of major or minor problems.
Z = Data unacceptable.
NA = Not applicable.

ACTION ITEMS:

AREA OF CONCERN: SVOA: Hexachlorocyclopentadiene, 2,4-dinitrophenol, and 4,6-dinitro-2-methylphenol failed the technical %D calibration criteria for one closing CCV. Eighteen samples had poor DMC performance. The 1,4-dioxane result was qualified as unusable for four samples because of extremely low SDMC1 recoveries. N-Nitroso-di-n-propylamine had low MS and MSD recoveries. One sample had a low IS6 response.

COMMENTS/CLARIFICATIONS
REGION 6 CLP QA REVIEW

CASE 49551 **SDG** F3B40 **SITE** Street & Performance, Inc. **LAB** SRI

COMMENTS: This SDG consisted of 17 soil and 3 sediment samples for SVOA and ARO analyses following CLP SOW SFAM01.1. The sampler designated sample F3B55 as the laboratory QC sample.

The SOW requires that the soil/sediment sample results be adjusted for moisture content, which raised adjusted QLs above the CRQLs specified in the SOW. The adjusted CRQLs were reported by the laboratory and are referred to as SQLs in this report.

S4VEM Review was performed for this package as requested by the Region. The only target analyte reported at concentrations above the SQLs was bis(2-ethylhexyl)phthalate in samples F3B53 and F3B54.

OVERALL ASSESSMENT: Some results were qualified for 18 SVOA samples because of problems with calibration, DMC recovery, MS/MSD performance, and IS response. ESAT's final data qualifiers in the DST indicate the technical usability of all reported sample results. An Evidence Audit was conducted for the CSF, and the audit results were reported on the Evidence Inventory Checklist.

The laboratory was contacted for a reporting problem (see Resubmission Request on p. 38). The laboratory response will not affect the DST. The DST included in this report is the final version.

ORGANIC ACRONYMS

%D	Percent Difference
%RSD	Percent Relative Standard Deviation
ARO	Aroclors
BFB	4-Bromofluorobenzene
BNA	Base/Neutral and Acid
CCS	Contract Compliance Screening
CCV	Continuing Calibration Verification
CF	Calibration Factor
CRQL	Contract Required Quantitation Limit
CSF	Complete SDG File
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenylphosphine
DMC	Deuterated Monitoring Compound
DST	Data Summary Table
EDM	EXES Data Manager
GC/ECD	Gas Chromatograph/Electron Capture Detector
GC/MS	Gas Chromatograph/Mass Spectrometer
GPC	Gel Permeation Chromatography
IC	Initial Calibration
INDA(B,C)	Individual Standard Mixture A(or B or C)
IS	Internal Standard
LCS	Laboratory Control Sample
LMVOA	Low/Medium Volatile Organic Analysis
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NFG	National Functional Guidelines
OTR/COC	Organic Traffic Report/Chain of Custody
PAH	Polynuclear Aromatic Hydrocarbon
PE	Performance Evaluation
PEM	Performance Evaluation Mixture
PEST	Pesticides
QA	Quality Assurance
QC	Quality Control
QL	Quantitation Limit
RIC	Reconstructed Ion Chromatogram
RPD	Relative Percent Difference
RRF	Relative Response Factor
RRT	Relative Retention Time
RSCC	Regional Sample Control Center
RT	Retention Time
S3VEM	Stage 3 Validation Electronic and Manual (previously called Modified CADRE Review)
S4VEM	Stage 4 Validation Electronic and Manual (previously called Standard Review)
SDG	Sample Delivery Group
SDMC	Semivolatile Deuterated Monitoring Compound
SIM	Selected Ion Monitoring
SMO	Sample Management Office
SOW	Statement of Work
SQL	Sample Quantitation Limit
SVOA	Semivolatile Organic Analysis
TCL	Target Compound List
TCX	Tetrachloro-m-xylene
TIC	Tentatively Identified Compound
TVOA	Trace Volatile Organic Analysis
VDMC	Volatile Deuterated Monitoring Compound
VOA	Volatile Organic Analysis

HEADER DEFINITIONS FOR ORGANIC EXCEL DST

CASE: Case Number

SDG: SDG Number

EPASAMP: EPA Sample Number

LABID: Laboratory File/Sample ID

MATRIX: Sample Matrix

ANDATE: Sample Analysis Date

ANTIME: Sample Analysis Time

CASNUM: Compound CAS Number

ANALYTE: Compound Name

CONC: Compound Concentration

VALDQAL: Region 6 Organic Data Validation Qualifier (see Organic Data Qualifier Definitions on the next page)

UNITS: Concentration Units

ADJCRQL: Adjusted Contract Required Quantitation Limit Value

SMPDATE: Sampling Date

STATLOC: Station Location

DVLEV: Data Validation Level

Disclaimer: ESAT verified the accuracy of the information reported in the Excel DST only for the following data fields: CASE, SDG, EPASAMP, MATRIX, ANALYTE, CONC, UNITS, VALDQAL, and ADJCRQL. The data qualifiers in the VALDQAL column indicate the technical usability of the reported results.

ORGANIC DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the ESAT-Region 6 qualifiers assigned to results in the Data Summary Table.

U Not detected at reported quantitation limit.

N Identification is tentative.

J Estimated value.

L Reported concentration is below the CRQL.

M Reported concentration should be used as a raised quantitation limit because of interferences and/or laboratory contamination.

R Unusable.

+ High biased. Actual concentration may be lower than the concentration reported.

- Low biased. Actual concentration may be higher than the concentration reported.

F+ A false positive exists.

F- A false negative exists.

UJ Estimated quantitation limit.

T Identification is questionable because of absence of other commonly coexisting pesticides.

C Identification of pesticide or Aroclor has been confirmed by Gas Chromatography/Mass Spectrometer (GC/MS).

X Identification of pesticide or Aroclor could not be confirmed by GC/MS when attempted.

***** Result not recommended for use because of associated QA/QC performance inferior to that from other analysis.

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC	DVLEV
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	123-91-1	1,4-Dioxane	74	UJ	ug/kg	74	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	100-52-7	Benzaldehyde	360	U	ug/kg	360	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	108-95-2	Phenol	360	U	ug/kg	360	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	111-44-4	Bis(2-chloroethyl)ether	360	U	ug/kg	360	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	95-57-8	2-Chlorophenol	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	95-48-7	2-Methylphenol	360	U	ug/kg	360	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	108-60-1	2,2'-Oxybis(1-chloropropane)	360	U	ug/kg	360	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	98-86-2	Acetophenone	360	U	ug/kg	360	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	106-44-5	4-Methylphenol	360	U	ug/kg	360	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	621-64-7	N-Nitroso-di-n propylamine	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	67-72-1	Hexachloroethane	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	98-95-3	Nitrobenzene	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	78-59-1	Isophorone	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	88-75-5	2-Nitrophenol	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	105-67-9	2,4-Dimethylphenol	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	111-91-1	Bis(2-chloroethoxy)methane	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	120-83-2	2,4-Dichlorophenol	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	91-20-3	Naphthalene	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	106-47-8	4-Chloroaniline	360	UJ	ug/kg	360	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	87-68-3	Hexachlorobutadiene	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	105-60-2	Caprolactam	360	U	ug/kg	360	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	59-50-7	4-Chloro-3-methylphenol	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	90-12-0	1-Methylnaphthalene	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	91-57-6	2-Methylnaphthalene	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	77-47-4	Hexachlorocyclo-pentadiene	360	U	ug/kg	360	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	88-06-2	2,4,6-Trichlorophenol	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	95-95-4	2,4,5-Trichlorophenol	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	92-52-4	1,1'-Biphenyl	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	91-58-7	2-Chloronaphthalene	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	88-74-4	2-Nitroaniline	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	131-11-3	Dimethylphthalate	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	606-20-2	2,6-Dinitrotoluene	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	208-96-8	Acenaphthylene	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	99-09-2	3-Nitroaniline	360	U	ug/kg	360	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	83-32-9	Acenaphthene	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	51-28-5	2,4-Dinitrophenol	360	U	ug/kg	360	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	100-02-7	4-Nitrophenol	360	U	ug/kg	360	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	132-64-9	Dibenzofuran	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	121-14-2	2,4-Dinitrotoluene	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	84-66-2	Diethylphthalate	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	86-73-7	Fluorene	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	7005-72-3	4-Chlorophenyl-phenylether	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	100-01-6	4-Nitroaniline	360	U	ug/kg	360	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	534-52-1	4,6-Dinitro-2-methylphenol	360	U	ug/kg	360	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	86-30-6	N-Nitrosodiphenylamine	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	101-55-3	4-Bromophenyl-phenylether	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	118-74-1	Hexachlorobenzene	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	1912-24-9	Atrazine	360	U	ug/kg	360	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	87-86-5	Pentachlorophenol	360	U	ug/kg	360	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	85-01-8	Phenanthrene	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	120-12-7	Anthracene	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM

49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	86-74-8	Carbazole	360	U	ug/kg	360	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	84-74-2	Di-n-butylphthalate	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	206-44-0	Fluoranthene	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	129-00-0	Pyrene	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	85-68-7	Butylbenzylphthalate	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	91-94-1	3,3'-Dichlorobenzidine	360	U	ug/kg	360	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	56-55-3	Benzo(a)anthracene	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	218-01-9	Chrysene	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	117-81-7	Bis(2-ethylhexyl)phthalate	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	117-84-0	Di-n-octylphthalate	360	U	ug/kg	360	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	205-99-2	Benzo(b)fluoranthene	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	207-08-9	Benzo(k)fluoranthene	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	50-32-8	Benzo(a)pyrene	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	193-39-5	Indeno[1,2,3-cd]pyrene	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	53-70-3	Dibenzo(a,h)anthracene	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	191-24-2	Benzo(g,h,i)perylene	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	08/24/2021	01:23:00	58-90-2	2,3,4,6-Tetrachlorophenol	190	U	ug/kg	190	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	123-91-1	1,4-Dioxane	76	UJ	ug/kg	76	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	100-52-7	Benzaldehyde	380	U	ug/kg	380	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	108-95-2	Phenol	380	U	ug/kg	380	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	111-44-4	Bis(2-chloroethyl)ether	380	U	ug/kg	380	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	95-57-8	2-Chlorophenol	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	95-48-7	2-Methylphenol	380	U	ug/kg	380	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	108-60-1	2,2'-Oxybis(1-chloropropane)	380	U	ug/kg	380	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	98-86-2	Acetophenone	380	U	ug/kg	380	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	106-44-5	4-Methylphenol	380	U	ug/kg	380	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	621-64-7	N-Nitroso-di-n propylamine	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	67-72-1	Hexachloroethane	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	98-95-3	Nitrobenzene	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	78-59-1	Isophorone	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	88-75-5	2-Nitrophenol	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	105-67-9	2,4-Dimethylphenol	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	111-91-1	Bis(2-chloroethoxy)methane	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	120-83-2	2,4-Dichlorophenol	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	91-20-3	Naphthalene	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	106-47-8	4-Chloroaniline	380	U	ug/kg	380	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	87-68-3	Hexachlorobutadiene	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	105-60-2	Caprolactam	380	U	ug/kg	380	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	59-50-7	4-Chloro-3-methylphenol	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	90-12-0	1-Methylnaphthalene	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	91-57-6	2-Methylnaphthalene	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	77-47-4	Hexachlorocyclo-pentadiene	380	U	ug/kg	380	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	88-06-2	2,4,6-Trichlorophenol	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	95-95-4	2,4,5-Trichlorophenol	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	92-52-4	1,1'-Biphenyl	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	91-58-7	2-Chloronaphthalene	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	88-74-4	2-Nitroaniline	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	131-11-3	Dimethylphthalate	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	606-20-2	2,6-Dinitrotoluene	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	208-96-8	Acenaphthylene	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	99-09-2	3-Nitroaniline	380	U	ug/kg	380	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	83-32-9	Acenaphthene	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	51-28-5	2,4-Dinitrophenol	380	U	ug/kg	380	07/13/2021	SBS-02	S4VEM

49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	100-02-7	4-Nitrophenol	380	U	ug/kg	380	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	132-64-9	Dibenzofuran	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	121-14-2	2,4-Dinitrotoluene	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	84-66-2	Diethylphthalate	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	86-73-7	Fluorene	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	7005-72-3	4-Chlorophenyl-phenylether	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	100-01-6	4-Nitroaniline	380	U	ug/kg	380	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	534-52-1	4,6-Dinitro-2-methylphenol	380	U	ug/kg	380	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	86-30-6	N-Nitrosodiphenylamine	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	101-55-3	4-Bromophenyl-phenylether	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	118-74-1	Hexachlorobenzene	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	1912-24-9	Atrazine	380	U	ug/kg	380	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	87-86-5	Pentachlorophenol	380	U	ug/kg	380	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	85-01-8	Phenanthrene	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	120-12-7	Anthracene	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	86-74-8	Carbazole	380	U	ug/kg	380	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	84-74-2	Di-n-butylphthalate	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	206-44-0	Fluoranthene	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	129-00-0	Pyrene	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	85-68-7	Butylbenzylphthalate	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	91-94-1	3,3'-Dichlorobenzidine	380	U	ug/kg	380	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	56-55-3	Benzo(a)anthracene	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	218-01-9	Chrysene	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	117-81-7	Bis(2-ethylhexyl)phthalate	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	117-84-0	Di-n-octylphthalate	380	U	ug/kg	380	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	205-99-2	Benzo(b)fluoranthene	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	207-08-9	Benzo(k)fluoranthene	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	50-32-8	Benzo(a)pyrene	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	193-39-5	Indeno[1,2,3-cd]pyrene	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	53-70-3	Dibenzo(a,h)anthracene	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	191-24-2	Benzo(g,h,i)perylene	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	08/24/2021	01:58:00	58-90-2	2,3,4,6-Tetrachlorophenol	190	U	ug/kg	190	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	123-91-1	1,4-Dioxane	73	U	ug/kg	73	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	100-52-7	Benzaldehyde	360	U	ug/kg	360	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	108-95-2	Phenol	360	U	ug/kg	360	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	111-44-4	Bis(2-chloroethyl)ether	360	U	ug/kg	360	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	95-57-8	2-Chlorophenol	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	95-48-7	2-Methylphenol	360	U	ug/kg	360	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	108-60-1	2,2'-Oxybis(1-chloropropane)	360	U	ug/kg	360	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	98-86-2	Acetophenone	360	U	ug/kg	360	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	106-44-5	4-Methylphenol	360	U	ug/kg	360	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	621-64-7	N-Nitroso-di-n propylamine	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	67-72-1	Hexachloroethane	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	98-95-3	Nitrobenzene	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	78-59-1	Isophorone	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	88-75-5	2-Nitrophenol	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	105-67-9	2,4-Dimethylphenol	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	111-91-1	Bis(2-chloroethoxy)methane	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	120-83-2	2,4-Dichlorophenol	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	91-20-3	Naphthalene	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	106-47-8	4-Chloroaniline	360	UJ	ug/kg	360	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	87-68-3	Hexachlorobutadiene	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM

49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	105-60-2	Caprolactam	360	U	ug/kg	360	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	59-50-7	4-Chloro-3-methylphenol	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	90-12-0	1-Methylnaphthalene	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	91-57-6	2-Methylnaphthalene	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	77-47-4	Hexachlorocyclo-pentadiene	360	U	ug/kg	360	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	88-06-2	2,4,6-Trichlorophenol	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	95-95-4	2,4,5-Trichlorophenol	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	92-52-4	1,1'-Biphenyl	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	91-58-7	2-Chloronaphthalene	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	88-74-4	2-Nitroaniline	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	131-11-3	Dimethylphthalate	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	606-20-2	2,6-Dinitrotoluene	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	208-96-8	Acenaphthylene	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	99-09-2	3-Nitroaniline	360	U	ug/kg	360	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	83-32-9	Acenaphthene	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	51-28-5	2,4-Dinitrophenol	360	U	ug/kg	360	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	100-02-7	4-Nitrophenol	360	U	ug/kg	360	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	132-64-9	Dibenzofuran	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	121-14-2	2,4-Dinitrotoluene	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	84-66-2	Diethylphthalate	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	86-73-7	Fluorene	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	7005-72-3	4-Chlorophenyl-phenylether	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	100-01-6	4-Nitroaniline	360	U	ug/kg	360	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	534-52-1	4,6-Dinitro-2-methylphenol	360	U	ug/kg	360	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	86-30-6	N-Nitrosodiphenylamine	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	101-55-3	4-Bromophenyl-phenylether	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	118-74-1	Hexachlorobenzene	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	1912-24-9	Atrazine	360	U	ug/kg	360	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	87-86-5	Pentachlorophenol	360	U	ug/kg	360	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	85-01-8	Phenanthrene	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	120-12-7	Anthracene	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	86-74-8	Carbazole	360	U	ug/kg	360	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	84-74-2	Di-n-butylphthalate	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	206-44-0	Fluoranthene	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	129-00-0	Pyrene	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	85-68-7	Butylbenzylphthalate	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	91-94-1	3,3'-Dichlorobenzidine	360	U	ug/kg	360	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	56-55-3	Benzo(a)anthracene	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	218-01-9	Chrysene	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	117-81-7	Bis(2-ethylhexyl)phthalate	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	117-84-0	Di-n-octylphthalate	360	U	ug/kg	360	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	205-99-2	Benzo(b)fluoranthene	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	207-08-9	Benzo(k)fluoranthene	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	50-32-8	Benzo(a)pyrene	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	193-39-5	Indeno[1,2,3-cd]pyrene	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	53-70-3	Dibenzo(a,h)anthracene	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	191-24-2	Benzo(g,h,i)perylene	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	08/24/2021	02:34:00	58-90-2	2,3,4,6-Tetrachlorophenol	190	U	ug/kg	190	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	123-91-1	1,4-Dioxane	84	UJ	ug/kg	84	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	100-52-7	Benzaldehyde	410	U	ug/kg	410	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	108-95-2	Phenol	410	U	ug/kg	410	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	111-44-4	Bis(2-chloroethyl)ether	410	U	ug/kg	410	07/13/2021	SBS-04	S4VEM

49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	95-57-8	2-Chlorophenol	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	95-48-7	2-Methylphenol	410	U	ug/kg	410	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	108-60-1	2,2'-Oxybis(1-chloropropane)	410	U	ug/kg	410	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	98-86-2	Acetophenone	410	U	ug/kg	410	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	106-44-5	4-Methylphenol	410	U	ug/kg	410	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	621-64-7	N-Nitroso-di-n propylamine	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	67-72-1	Hexachloroethane	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	98-95-3	Nitrobenzene	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	78-59-1	Isophorone	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	88-75-5	2-Nitrophenol	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	105-67-9	2,4-Dimethylphenol	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	111-91-1	Bis(2-chloroethoxy)methane	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	120-83-2	2,4-Dichlorophenol	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	91-20-3	Naphthalene	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	106-47-8	4-Chloroaniline	410	UJ	ug/kg	410	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	87-68-3	Hexachlorobutadiene	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	105-60-2	Caprolactam	410	U	ug/kg	410	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	59-50-7	4-Chloro-3-methylphenol	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	90-12-0	1-Methylnaphthalene	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	91-57-6	2-Methylnaphthalene	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	77-47-4	Hexachlorocyclo-pentadiene	410	U	ug/kg	410	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	88-06-2	2,4,6-Trichlorophenol	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	95-95-4	2,4,5-Trichlorophenol	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	92-52-4	1,1'-Biphenyl	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	91-58-7	2-Chloronaphthalene	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	88-74-4	2-Nitroaniline	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	131-11-3	Dimethylphthalate	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	606-20-2	2,6-Dinitrotoluene	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	208-96-8	Acenaphthylene	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	99-09-2	3-Nitroaniline	410	U	ug/kg	410	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	83-32-9	Acenaphthene	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	51-28-5	2,4-Dinitrophenol	410	U	ug/kg	410	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	100-02-7	4-Nitrophenol	410	U	ug/kg	410	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	132-64-9	Dibenzofuran	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	121-14-2	2,4-Dinitrotoluene	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	84-66-2	Diethylphthalate	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	86-73-7	Fluorene	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	7005-72-3	4-Chlorophenyl-phenylether	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	100-01-6	4-Nitroaniline	410	U	ug/kg	410	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	534-52-1	4,6-Dinitro-2-methylphenol	410	U	ug/kg	410	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	86-30-6	N-Nitrosodiphenylamine	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	95-94-3	1,2,4,5-Tetrachlorobenzene	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	101-55-3	4-Bromophenyl-phenylether	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	118-74-1	Hexachlorobenzene	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	1912-24-9	Atrazine	410	U	ug/kg	410	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	87-86-5	Pentachlorophenol	410	U	ug/kg	410	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	85-01-8	Phenanthrene	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	120-12-7	Anthracene	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	86-74-8	Carbazole	410	U	ug/kg	410	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	84-74-2	Di-n-butylphthalate	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	206-44-0	Fluoranthene	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	129-00-0	Pyrene	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	85-68-7	Butylbenzylphthalate	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM

49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	91-94-1	3,3'-Dichlorobenzidine	410	U	ug/kg	410	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	56-55-3	Benzo(a)anthracene	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	218-01-9	Chrysene	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	117-81-7	Bis(2-ethylhexyl)phthalate	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	117-84-0	Di-n-octylphthalate	410	U	ug/kg	410	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	205-99-2	Benzo(b)fluoranthene	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	207-08-9	Benzo(k)fluoranthene	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	50-32-8	Benzo(a)pyrene	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	193-39-5	Indeno[1,2,3-cd]pyrene	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	53-70-3	Dibenzo(a,h)anthracene	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	191-24-2	Benzo(g,h,i)perylene	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	08/24/2021	03:10:00	58-90-2	2,3,4,6-Tetrachlorophenol	210	U	ug/kg	210	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	123-91-1	1,4-Dioxane	80	UR	ug/kg	80	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	100-52-7	Benzaldehyde	390	U	ug/kg	390	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	108-95-2	Phenol	390	U	ug/kg	390	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	111-44-4	Bis(2-chloroethyl)ether	390	U	ug/kg	390	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	95-57-8	2-Chlorophenol	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	95-48-7	2-Methylphenol	390	U	ug/kg	390	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	108-60-1	2,2'-Oxybis(1-chloropropane)	390	U	ug/kg	390	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	98-86-2	Acetophenone	390	U	ug/kg	390	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	106-44-5	4-Methylphenol	390	U	ug/kg	390	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	621-64-7	N-Nitroso-di-n propylamine	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	67-72-1	Hexachloroethane	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	98-95-3	Nitrobenzene	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	78-59-1	Isophorone	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	88-75-5	2-Nitrophenol	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	105-67-9	2,4-Dimethylphenol	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	111-91-1	Bis(2-chloroethoxy)methane	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	120-83-2	2,4-Dichlorophenol	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	91-20-3	Naphthalene	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	106-47-8	4-Chloroaniline	390	UJ	ug/kg	390	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	87-68-3	Hexachlorobutadiene	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	105-60-2	Caprolactam	390	U	ug/kg	390	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	59-50-7	4-Chloro-3-methylphenol	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	90-12-0	1-Methylnaphthalene	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	91-57-6	2-Methylnaphthalene	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	77-47-4	Hexachlorocyclo-pentadiene	390	U	ug/kg	390	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	88-06-2	2,4,6-Trichlorophenol	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	95-95-4	2,4,5-Trichlorophenol	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	92-52-4	1,1'-Biphenyl	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	91-58-7	2-Chloronaphthalene	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	88-74-4	2-Nitroaniline	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	131-11-3	Dimethylphthalate	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	606-20-2	2,6-Dinitrotoluene	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	208-96-8	Acenaphthylene	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	99-09-2	3-Nitroaniline	390	U	ug/kg	390	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	83-32-9	Acenaphthene	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	51-28-5	2,4-Dinitrophenol	390	U	ug/kg	390	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	100-02-7	4-Nitrophenol	390	U	ug/kg	390	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	132-64-9	Dibenzofuran	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	121-14-2	2,4-Dinitrotoluene	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	84-66-2	Diethylphthalate	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	86-73-7	Fluorene	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM

49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	7005-72-3	4-Chlorophenyl-phenylether	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	100-01-6	4-Nitroaniline	390	U	ug/kg	390	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	534-52-1	4,6-Dinitro-2-methylphenol	390	U	ug/kg	390	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	86-30-6	N-Nitrosodiphenylamine	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	95-94-3	1,2,4,5-Tetrachlorobenzene	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	101-55-3	4-Bromophenyl-phenylether	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	118-74-1	Hexachlorobenzene	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	1912-24-9	Atrazine	390	U	ug/kg	390	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	87-86-5	Pentachlorophenol	390	U	ug/kg	390	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	85-01-8	Phenanthrene	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	120-12-7	Anthracene	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	86-74-8	Carbazole	390	U	ug/kg	390	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	84-74-2	Di-n-butylphthalate	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	206-44-0	Fluoranthene	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	129-00-0	Pyrene	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	85-68-7	Butylbenzylphthalate	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	91-94-1	3,3'-Dichlorobenzidine	390	U	ug/kg	390	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	56-55-3	Benzo(a)anthracene	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	218-01-9	Chrysene	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	117-81-7	Bis(2-ethylhexyl)phthalate	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	117-84-0	Di-n-octylphthalate	390	U	ug/kg	390	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	205-99-2	Benzo(b)fluoranthene	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	207-08-9	Benzo(k)fluoranthene	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	50-32-8	Benzo(a)pyrene	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	193-39-5	Indeno[1,2,3-cd]pyrene	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	53-70-3	Dibenzo(a,h)anthracene	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	191-24-2	Benzo(g,h,i)perylene	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	08/24/2021	03:46:00	58-90-2	2,3,4,6-Tetrachlorophenol	200	U	ug/kg	200	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	123-91-1	1,4-Dioxane	77	UR	ug/kg	77	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	100-52-7	Benzaldehyde	380	U	ug/kg	380	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	108-95-2	Phenol	380	U	ug/kg	380	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	111-44-4	Bis(2-chloroethyl)ether	380	U	ug/kg	380	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	95-57-8	2-Chlorophenol	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	95-48-7	2-Methylphenol	380	U	ug/kg	380	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	108-60-1	2,2'-Oxybis(1-chloropropane)	380	U	ug/kg	380	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	98-86-2	Acetophenone	380	U	ug/kg	380	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	106-44-5	4-Methylphenol	380	U	ug/kg	380	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	621-64-7	N-Nitroso-di-n propylamine	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	67-72-1	Hexachloroethane	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	98-95-3	Nitrobenzene	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	78-59-1	Isophorone	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	88-75-5	2-Nitrophenol	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	105-67-9	2,4-Dimethylphenol	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	111-91-1	Bis(2-chloroethoxy)methane	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	120-83-2	2,4-Dichlorophenol	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	91-20-3	Naphthalene	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	106-47-8	4-Chloroaniline	380	UJ	ug/kg	380	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	87-68-3	Hexachlorobutadiene	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	105-60-2	Caprolactam	380	U	ug/kg	380	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	59-50-7	4-Chloro-3-methylphenol	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	90-12-0	1-Methylnaphthalene	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	91-57-6	2-Methylnaphthalene	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	77-47-4	Hexachlorocyclo-pentadiene	380	U	ug/kg	380	07/13/2021	SBS-06	S4VEM

49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	88-06-2	2,4,6-Trichlorophenol	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	95-95-4	2,4,5-Trichlorophenol	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	92-52-4	1,1'-Biphenyl	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	91-58-7	2-Chloronaphthalene	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	88-74-4	2-Nitroaniline	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	131-11-3	Dimethylphthalate	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	606-20-2	2,6-Dinitrotoluene	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	208-96-8	Acenaphthylene	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	99-09-2	3-Nitroaniline	380	U	ug/kg	380	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	83-32-9	Acenaphthene	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	51-28-5	2,4-Dinitrophenol	380	U	ug/kg	380	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	100-02-7	4-Nitrophenol	380	U	ug/kg	380	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	132-64-9	Dibenzofuran	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	121-14-2	2,4-Dinitrotoluene	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	84-66-2	Diethylphthalate	68	LJ	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	86-73-7	Fluorene	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	7005-72-3	4-Chlorophenyl-phenylether	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	100-01-6	4-Nitroaniline	380	U	ug/kg	380	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	534-52-1	4,6-Dinitro-2-methylphenol	380	U	ug/kg	380	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	86-30-6	N-Nitrosodiphenylamine	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	95-94-3	1,2,4,5-Tetrachlorobenzene	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	101-55-3	4-Bromophenyl-phenylether	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	118-74-1	Hexachlorobenzene	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	1912-24-9	Atrazine	380	U	ug/kg	380	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	87-86-5	Pentachlorophenol	380	U	ug/kg	380	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	85-01-8	Phenanthrene	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	120-12-7	Anthracene	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	86-74-8	Carbazole	380	U	ug/kg	380	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	84-74-2	Di-n-butylphthalate	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	206-44-0	Fluoranthene	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	129-00-0	Pyrene	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	85-68-7	Butylbenzylphthalate	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	91-94-1	3,3'-Dichlorobenzidine	380	U	ug/kg	380	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	56-55-3	Benzo(a)anthracene	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	218-01-9	Chrysene	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	117-81-7	Bis(2-ethylhexyl)phthalate	42	LJ	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	117-84-0	Di-n-octylphthalate	380	U	ug/kg	380	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	205-99-2	Benzo(b)fluoranthene	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	207-08-9	Benzo(k)fluoranthene	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	50-32-8	Benzo(a)pyrene	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	193-39-5	Indeno[1,2,3-cd]pyrene	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	53-70-3	Dibenzo(a,h)anthracene	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	191-24-2	Benzo(g,h,i)perylene	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	08/24/2021	04:22:00	58-90-2	2,3,4,6-Tetrachlorophenol	200	U	ug/kg	200	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	123-91-1	1,4-Dioxane	77	U	ug/kg	77	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	100-52-7	Benzaldehyde	380	U	ug/kg	380	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	108-95-2	Phenol	380	U	ug/kg	380	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	111-44-4	Bis(2-chloroethyl)ether	380	U	ug/kg	380	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	95-57-8	2-Chlorophenol	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	95-48-7	2-Methylphenol	380	U	ug/kg	380	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	108-60-1	2,2'-Oxybis(1-chloropropane)	380	U	ug/kg	380	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	98-86-2	Acetophenone	380	U	ug/kg	380	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	106-44-5	4-Methylphenol	380	U	ug/kg	380	07/13/2021	SBSBK-01	S4VEM

49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	621-64-7	N-Nitroso-di-n propylamine	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	67-72-1	Hexachloroethane	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	98-95-3	Nitrobenzene	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	78-59-1	Isophorone	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	88-75-5	2-Nitrophenol	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	105-67-9	2,4-Dimethylphenol	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	111-91-1	Bis(2-chloroethoxy)methane	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	120-83-2	2,4-Dichlorophenol	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	91-20-3	Naphthalene	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	106-47-8	4-Chloroaniline	380	U	ug/kg	380	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	87-68-3	Hexachlorobutadiene	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	105-60-2	Caprolactam	380	U	ug/kg	380	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	59-50-7	4-Chloro-3-methylphenol	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	90-12-0	1-Methylnaphthalene	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	91-57-6	2-Methylnaphthalene	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	77-47-4	Hexachlorocyclo-pentadiene	380	U	ug/kg	380	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	88-06-2	2,4,6-Trichlorophenol	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	95-95-4	2,4,5-Trichlorophenol	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	92-52-4	1,1'-Biphenyl	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	91-58-7	2-Chloronaphthalene	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	88-74-4	2-Nitroaniline	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	131-11-3	Dimethylphthalate	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	606-20-2	2,6-Dinitrotoluene	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	208-96-8	Acenaphthylene	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	99-09-2	3-Nitroaniline	380	U	ug/kg	380	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	83-32-9	Acenaphthene	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	51-28-5	2,4-Dinitrophenol	380	U	ug/kg	380	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	100-02-7	4-Nitrophenol	380	U	ug/kg	380	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	132-64-9	Dibenzofuran	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	121-14-2	2,4-Dinitrotoluene	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	84-66-2	Diethylphthalate	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	86-73-7	Fluorene	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	7005-72-3	4-Chlorophenyl-phenylether	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	100-01-6	4-Nitroaniline	380	U	ug/kg	380	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	534-52-1	4,6-Dinitro-2-methylphenol	380	U	ug/kg	380	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	86-30-6	N-Nitrosodiphenylamine	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	101-55-3	4-Bromophenyl-phenylether	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	118-74-1	Hexachlorobenzene	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	1912-24-9	Atrazine	380	U	ug/kg	380	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	87-86-5	Pentachlorophenol	380	U	ug/kg	380	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	85-01-8	Phenanthrene	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	120-12-7	Anthracene	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	86-74-8	Carbazole	380	U	ug/kg	380	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	84-74-2	Di-n-butylphthalate	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	206-44-0	Fluoranthene	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	129-00-0	Pyrene	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	85-68-7	Butylbenzylphthalate	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	91-94-1	3,3'-Dichlorobenzidine	380	U	ug/kg	380	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	56-55-3	Benzo(a)anthracene	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	218-01-9	Chrysene	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	117-81-7	Bis(2-ethylhexyl)phthalate	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	117-84-0	Di-n-octylphthalate	380	U	ug/kg	380	07/13/2021	SBSBK-01	S4VEM

49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	205-99-2	Benzo(b)fluoranthene	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	207-08-9	Benzo(k)fluoranthene	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	50-32-8	Benzo(a)pyrene	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	193-39-5	Indeno[1,2,3-cd]pyrene	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	53-70-3	Dibenzo(a,h)anthracene	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	191-24-2	Benzo(g,h,i)perylene	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	08/24/2021	04:58:00	58-90-2	2,3,4,6-Tetrachlorophenol	190	U	ug/kg	190	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	123-91-1	1,4-Dioxane	74	U	ug/kg	74	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	100-52-7	Benzaldehyde	360	U	ug/kg	360	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	108-95-2	Phenol	360	U	ug/kg	360	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	111-44-4	Bis(2-chloroethyl)ether	360	U	ug/kg	360	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	95-57-8	2-Chlorophenol	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	95-48-7	2-Methylphenol	360	U	ug/kg	360	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	108-60-1	2,2'-Oxybis(1-chloropropane)	360	U	ug/kg	360	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	98-86-2	Acetophenone	360	U	ug/kg	360	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	106-44-5	4-Methylphenol	360	U	ug/kg	360	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	621-64-7	N-Nitroso-di-n propylamine	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	67-72-1	Hexachloroethane	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	98-95-3	Nitrobenzene	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	78-59-1	Isophorone	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	88-75-5	2-Nitrophenol	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	105-67-9	2,4-Dimethylphenol	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	111-91-1	Bis(2-chloroethoxy)methane	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	120-83-2	2,4-Dichlorophenol	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	91-20-3	Naphthalene	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	106-47-8	4-Chloroaniline	360	UJ	ug/kg	360	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	87-68-3	Hexachlorobutadiene	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	105-60-2	Caprolactam	360	U	ug/kg	360	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	59-50-7	4-Chloro-3-methylphenol	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	90-12-0	1-Methylnaphthalene	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	91-57-6	2-Methylnaphthalene	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	77-47-4	Hexachlorocyclo-pentadiene	360	UJ	ug/kg	360	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	88-06-2	2,4,6-Trichlorophenol	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	95-95-4	2,4,5-Trichlorophenol	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	92-52-4	1,1'-Biphenyl	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	91-58-7	2-Chloronaphthalene	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	88-74-4	2-Nitroaniline	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	131-11-3	Dimethylphthalate	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	606-20-2	2,6-Dinitrotoluene	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	208-96-8	Acenaphthylene	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	99-09-2	3-Nitroaniline	360	U	ug/kg	360	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	83-32-9	Acenaphthene	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	51-28-5	2,4-Dinitrophenol	360	UJ	ug/kg	360	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	100-02-7	4-Nitrophenol	360	U	ug/kg	360	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	132-64-9	Dibenzofuran	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	121-14-2	2,4-Dinitrotoluene	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	84-66-2	Diethylphthalate	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	86-73-7	Fluorene	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	7005-72-3	4-Chlorophenyl-phenylether	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	100-01-6	4-Nitroaniline	360	U	ug/kg	360	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	534-52-1	4,6-Dinitro-2-methylphenol	360	UJ	ug/kg	360	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	86-30-6	N-Nitrosodiphenylamine	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM

49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	101-55-3	4-Bromophenyl-phenylether	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	118-74-1	Hexachlorobenzene	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	1912-24-9	Atrazine	360	U	ug/kg	360	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	87-86-5	Pentachlorophenol	360	U	ug/kg	360	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	85-01-8	Phenanthrene	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	120-12-7	Anthracene	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	86-74-8	Carbazole	360	U	ug/kg	360	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	84-74-2	Di-n-butylphthalate	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	206-44-0	Fluoranthene	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	129-00-0	Pyrene	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	85-68-7	Butylbenzylphthalate	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	91-94-1	3,3'-Dichlorobenzidine	360	U	ug/kg	360	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	56-55-3	Benzo(a)anthracene	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	218-01-9	Chrysene	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	117-81-7	Bis(2-ethylhexyl)phthalate	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	117-84-0	Di-n-octylphthalate	360	U	ug/kg	360	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	205-99-2	Benzo(b)fluoranthene	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	207-08-9	Benzo(k)fluoranthene	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	50-32-8	Benzo(a)pyrene	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	193-39-5	Indeno[1,2,3-cd]pyrene	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	53-70-3	Dibenzo(a,h)anthracene	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	191-24-2	Benzo(g,h,i)perylene	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	08/24/2021	13:37:00	58-90-2	2,3,4,6-Tetrachlorophenol	190	U	ug/kg	190	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	123-91-1	1,4-Dioxane	73	UJ	ug/kg	73	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	100-52-7	Benzaldehyde	360	U	ug/kg	360	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	108-95-2	Phenol	360	U	ug/kg	360	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	111-44-4	Bis(2-chloroethyl)ether	360	U	ug/kg	360	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	95-57-8	2-Chlorophenol	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	95-48-7	2-Methylphenol	360	U	ug/kg	360	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	108-60-1	2,2'-Oxybis(1-chloropropane)	360	U	ug/kg	360	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	98-86-2	Acetophenone	360	U	ug/kg	360	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	106-44-5	4-Methylphenol	360	U	ug/kg	360	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	621-64-7	N-Nitroso-di-n propylamine	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	67-72-1	Hexachloroethane	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	98-95-3	Nitrobenzene	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	78-59-1	Isophorone	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	88-75-5	2-Nitrophenol	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	105-67-9	2,4-Dimethylphenol	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	111-91-1	Bis(2-chloroethoxy)methane	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	120-83-2	2,4-Dichlorophenol	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	91-20-3	Naphthalene	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	106-47-8	4-Chloroaniline	360	U	ug/kg	360	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	87-68-3	Hexachlorobutadiene	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	105-60-2	Caprolactam	360	U	ug/kg	360	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	59-50-7	4-Chloro-3-methylphenol	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	90-12-0	1-Methylnaphthalene	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	91-57-6	2-Methylnaphthalene	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	77-47-4	Hexachlorocyclo-pentadiene	360	UJ	ug/kg	360	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	88-06-2	2,4,6-Trichlorophenol	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	95-95-4	2,4,5-Trichlorophenol	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	92-52-4	1,1'-Biphenyl	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	91-58-7	2-Chloronaphthalene	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	88-74-4	2-Nitroaniline	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM

49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	131-11-3	Dimethylphthalate	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	606-20-2	2,6-Dinitrotoluene	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	208-96-8	Acenaphthylene	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	99-09-2	3-Nitroaniline	360	U	ug/kg	360	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	83-32-9	Acenaphthene	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	51-28-5	2,4-Dinitrophenol	360	UJ	ug/kg	360	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	100-02-7	4-Nitrophenol	360	U	ug/kg	360	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	132-64-9	Dibenzofuran	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	121-14-2	2,4-Dinitrotoluene	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	84-66-2	Diethylphthalate	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	86-73-7	Fluorene	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	7005-72-3	4-Chlorophenyl-phenylether	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	100-01-6	4-Nitroaniline	360	U	ug/kg	360	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	534-52-1	4,6-Dinitro-2-methylphenol	360	UJ	ug/kg	360	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	86-30-6	N-Nitrosodiphenylamine	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	101-55-3	4-Bromophenyl-phenylether	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	118-74-1	Hexachlorobenzene	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	1912-24-9	Atrazine	360	U	ug/kg	360	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	87-86-5	Pentachlorophenol	360	U	ug/kg	360	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	85-01-8	Phenanthrene	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	120-12-7	Anthracene	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	86-74-8	Carbazole	360	U	ug/kg	360	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	84-74-2	Di-n-butylphthalate	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	206-44-0	Fluoranthene	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	129-00-0	Pyrene	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	85-68-7	Butylbenzylphthalate	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	91-94-1	3,3'-Dichlorobenzidine	360	U	ug/kg	360	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	56-55-3	Benzo(a)anthracene	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	218-01-9	Chrysene	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	117-81-7	Bis(2-ethylhexyl)phthalate	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	117-84-0	Di-n-octylphthalate	360	U	ug/kg	360	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	205-99-2	Benzo(b)fluoranthene	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	207-08-9	Benzo(k)fluoranthene	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	50-32-8	Benzo(a)pyrene	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	193-39-5	Indeno[1,2,3-cd]pyrene	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	53-70-3	Dibenzo(a,h)anthracene	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	191-24-2	Benzo(g,h,i)perylene	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	08/24/2021	14:13:00	58-90-2	2,3,4,6-Tetrachlorophenol	190	U	ug/kg	190	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	123-91-1	1,4-Dioxane	82	U	ug/kg	82	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/28/2021	14:59:00	100-52-7	Benzaldehyde	48	LJ	ug/kg	410	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	108-95-2	Phenol	410	U	ug/kg	410	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	111-44-4	Bis(2-chloroethyl)ether	410	U	ug/kg	410	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	95-57-8	2-Chlorophenol	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	95-48-7	2-Methylphenol	410	U	ug/kg	410	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/28/2021	14:59:00	108-60-1	2,2'-Oxybis(1-chloropropane)	410	U	ug/kg	410	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	98-86-2	Acetophenone	410	U	ug/kg	410	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	106-44-5	4-Methylphenol	410	U	ug/kg	410	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	621-64-7	N-Nitroso-di-n propylamine	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	67-72-1	Hexachloroethane	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	98-95-3	Nitrobenzene	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	78-59-1	Isophorone	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	88-75-5	2-Nitrophenol	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM

49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	105-67-9	2,4-Dimethylphenol	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	111-91-1	Bis(2-chloroethoxy)methane	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	120-83-2	2,4-Dichlorophenol	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	91-20-3	Naphthalene	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	106-47-8	4-Chloroaniline	410	UJ	ug/kg	410	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	87-68-3	Hexachlorobutadiene	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	105-60-2	Caprolactam	410	U	ug/kg	410	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	59-50-7	4-Chloro-3-methylphenol	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	90-12-0	1-Methylnaphthalene	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	91-57-6	2-Methylnaphthalene	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	77-47-4	Hexachlorocyclo-pentadiene	410	UJ	ug/kg	410	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	88-06-2	2,4,6-Trichlorophenol	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	95-95-4	2,4,5-Trichlorophenol	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	92-52-4	1,1'-Biphenyl	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	91-58-7	2-Chloronaphthalene	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	88-74-4	2-Nitroaniline	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	131-11-3	Dimethylphthalate	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	606-20-2	2,6-Dinitrotoluene	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	208-96-8	Acenaphthylene	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	99-09-2	3-Nitroaniline	410	U	ug/kg	410	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	83-32-9	Acenaphthene	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	51-28-5	2,4-Dinitrophenol	410	UJ	ug/kg	410	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	100-02-7	4-Nitrophenol	410	U	ug/kg	410	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	132-64-9	Dibenzofuran	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	121-14-2	2,4-Dinitrotoluene	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	84-66-2	Diethylphthalate	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	86-73-7	Fluorene	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	7005-72-3	4-Chlorophenyl-phenylether	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	100-01-6	4-Nitroaniline	410	U	ug/kg	410	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	534-52-1	4,6-Dinitro-2-methylphenol	410	UJ	ug/kg	410	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	86-30-6	N-Nitrosodiphenylamine	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	95-94-3	1,2,4,5-Tetrachlorobenzene	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	101-55-3	4-Bromophenyl-phenylether	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	118-74-1	Hexachlorobenzene	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	1912-24-9	Atrazine	410	U	ug/kg	410	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	87-86-5	Pentachlorophenol	410	U	ug/kg	410	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	85-01-8	Phenanthrene	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	120-12-7	Anthracene	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	86-74-8	Carbazole	410	U	ug/kg	410	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	84-74-2	Di-n-butylphthalate	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	206-44-0	Fluoranthene	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	129-00-0	Pyrene	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	85-68-7	Butylbenzylphthalate	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	91-94-1	3,3'-Dichlorobenzidine	410	U	ug/kg	410	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	56-55-3	Benzo(a)anthracene	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	218-01-9	Chrysene	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	117-81-7	Bis(2-ethylhexyl)phthalate	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	117-84-0	Di-n-octylphthalate	410	UJ	ug/kg	410	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	205-99-2	Benzo(b)fluoranthene	84	LJ+	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	207-08-9	Benzo(k)fluoranthene	210	UJ	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	50-32-8	Benzo(a)pyrene	63	LJ+	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	193-39-5	Indeno[1,2,3-cd]pyrene	210	UJ	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	53-70-3	Dibenzo(a,h)anthracene	210	UJ	ug/kg	210	07/13/2021	SS-03	S4VEM

49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	191-24-2	Benzo(g,h,i)perylene	210	UJ	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	08/24/2021	14:49:00	58-90-2	2,3,4,6-Tetrachlorophenol	210	U	ug/kg	210	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	123-91-1	1,4-Dioxane	74	UJ	ug/kg	74	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	100-52-7	Benzaldehyde	370	U	ug/kg	370	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	108-95-2	Phenol	370	U	ug/kg	370	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	111-44-4	Bis(2-chloroethyl)ether	370	U	ug/kg	370	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	95-57-8	2-Chlorophenol	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	95-48-7	2-Methylphenol	370	U	ug/kg	370	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	108-60-1	2,2'-Oxybis(1-chloropropane)	370	U	ug/kg	370	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	98-86-2	Acetophenone	370	U	ug/kg	370	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	106-44-5	4-Methylphenol	370	U	ug/kg	370	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	621-64-7	N-Nitroso-di-n propylamine	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	67-72-1	Hexachloroethane	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	98-95-3	Nitrobenzene	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	78-59-1	Isophorone	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	88-75-5	2-Nitrophenol	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	105-67-9	2,4-Dimethylphenol	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	111-91-1	Bis(2-chloroethoxy)methane	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	120-83-2	2,4-Dichlorophenol	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	91-20-3	Naphthalene	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	106-47-8	4-Chloroaniline	370	UJ	ug/kg	370	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	87-68-3	Hexachlorobutadiene	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	105-60-2	Caprolactam	370	U	ug/kg	370	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	59-50-7	4-Chloro-3-methylphenol	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	90-12-0	1-Methylnaphthalene	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	91-57-6	2-Methylnaphthalene	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	77-47-4	Hexachlorocyclo-pentadiene	370	UJ	ug/kg	370	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	88-06-2	2,4,6-Trichlorophenol	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	95-95-4	2,4,5-Trichlorophenol	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	92-52-4	1,1'-Biphenyl	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	91-58-7	2-Chloronaphthalene	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	88-74-4	2-Nitroaniline	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	131-11-3	Dimethylphthalate	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	606-20-2	2,6-Dinitrotoluene	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	208-96-8	Acenaphthylene	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	99-09-2	3-Nitroaniline	370	U	ug/kg	370	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	83-32-9	Acenaphthene	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	51-28-5	2,4-Dinitrophenol	370	UJ	ug/kg	370	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	100-02-7	4-Nitrophenol	370	U	ug/kg	370	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	132-64-9	Dibenzofuran	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	121-14-2	2,4-Dinitrotoluene	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	84-66-2	Diethylphthalate	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	86-73-7	Fluorene	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	7005-72-3	4-Chlorophenyl-phenylether	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	100-01-6	4-Nitroaniline	370	U	ug/kg	370	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	534-52-1	4,6-Dinitro-2-methylphenol	370	UJ	ug/kg	370	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	86-30-6	N-Nitrosodiphenylamine	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	101-55-3	4-Bromophenyl-phenylether	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	118-74-1	Hexachlorobenzene	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	1912-24-9	Atrazine	370	U	ug/kg	370	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	87-86-5	Pentachlorophenol	370	U	ug/kg	370	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	85-01-8	Phenanthrene	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM

49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	120-12-7	Anthracene	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	86-74-8	Carbazole	370	U	ug/kg	370	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	84-74-2	Di-n-butylphthalate	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	206-44-0	Fluoranthene	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	129-00-0	Pyrene	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	85-68-7	Butylbenzylphthalate	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	91-94-1	3,3'-Dichlorobenzidine	370	U	ug/kg	370	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	56-55-3	Benzo(a)anthracene	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	218-01-9	Chrysene	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	117-81-7	Bis(2-ethylhexyl)phthalate	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	117-84-0	Di-n-octylphthalate	370	U	ug/kg	370	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	205-99-2	Benzo(b)fluoranthene	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	207-08-9	Benzo(k)fluoranthene	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	50-32-8	Benzo(a)pyrene	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	193-39-5	Indeno[1,2,3-cd]pyrene	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	53-70-3	Dibenzo(a,h)anthracene	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	191-24-2	Benzo(g,h,i)perylene	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	08/24/2021	15:25:00	58-90-2	2,3,4,6-Tetrachlorophenol	190	U	ug/kg	190	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	123-91-1	1,4-Dioxane	73	U	ug/kg	73	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	100-52-7	Benzaldehyde	360	U	ug/kg	360	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	108-95-2	Phenol	360	U	ug/kg	360	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	111-44-4	Bis(2-chloroethyl)ether	360	U	ug/kg	360	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	95-57-8	2-Chlorophenol	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	95-48-7	2-Methylphenol	360	U	ug/kg	360	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	108-60-1	2,2'-Oxybis(1-chloropropane)	360	U	ug/kg	360	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	98-86-2	Acetophenone	360	U	ug/kg	360	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	106-44-5	4-Methylphenol	360	U	ug/kg	360	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	621-64-7	N-Nitroso-di-n propylamine	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	67-72-1	Hexachloroethane	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	98-95-3	Nitrobenzene	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	78-59-1	Isophorone	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	88-75-5	2-Nitrophenol	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	105-67-9	2,4-Dimethylphenol	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	111-91-1	Bis(2-chloroethoxy)methane	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	120-83-2	2,4-Dichlorophenol	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	91-20-3	Naphthalene	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	106-47-8	4-Chloroaniline	360	UJ	ug/kg	360	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	87-68-3	Hexachlorobutadiene	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	105-60-2	Caprolactam	360	U	ug/kg	360	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	59-50-7	4-Chloro-3-methylphenol	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	90-12-0	1-Methylnaphthalene	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	91-57-6	2-Methylnaphthalene	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	77-47-4	Hexachlorocyclo-pentadiene	360	UJ	ug/kg	360	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	88-06-2	2,4,6-Trichlorophenol	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	95-95-4	2,4,5-Trichlorophenol	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	92-52-4	1,1'-Biphenyl	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	91-58-7	2-Chloronaphthalene	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	88-74-4	2-Nitroaniline	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	131-11-3	Dimethylphthalate	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	606-20-2	2,6-Dinitrotoluene	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	208-96-8	Acenaphthylene	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	99-09-2	3-Nitroaniline	360	U	ug/kg	360	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	83-32-9	Acenaphthene	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM

49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	51-28-5	2,4-Dinitrophenol	360	UJ	ug/kg	360	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	100-02-7	4-Nitrophenol	360	U	ug/kg	360	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	132-64-9	Dibenzofuran	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	121-14-2	2,4-Dinitrotoluene	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	84-66-2	Diethylphthalate	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	86-73-7	Fluorene	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	7005-72-3	4-Chlorophenyl-phenylether	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	100-01-6	4-Nitroaniline	360	U	ug/kg	360	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	534-52-1	4,6-Dinitro-2-methylphenol	360	UJ	ug/kg	360	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	86-30-6	N-Nitrosodiphenylamine	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	95-94-3	1,2,4,5-Tetrachlorobenzene	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	101-55-3	4-Bromophenyl-phenylether	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	118-74-1	Hexachlorobenzene	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	1912-24-9	Atrazine	360	U	ug/kg	360	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	87-86-5	Pentachlorophenol	360	U	ug/kg	360	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	85-01-8	Phenanthrene	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	120-12-7	Anthracene	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	86-74-8	Carbazole	360	U	ug/kg	360	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	84-74-2	Di-n-butylphthalate	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	206-44-0	Fluoranthene	110	LJ	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	129-00-0	Pyrene	100	LJ	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	85-68-7	Butylbenzylphthalate	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	91-94-1	3,3'-Dichlorobenzidine	360	U	ug/kg	360	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	56-55-3	Benzo(a)anthracene	64	LJ	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	218-01-9	Chrysene	77	LJ	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	117-81-7	Bis(2-ethylhexyl)phthalate	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	117-84-0	Di-n-octylphthalate	360	U	ug/kg	360	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	205-99-2	Benzo(b)fluoranthene	110	LJ	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	207-08-9	Benzo(k)fluoranthene	36	LJ	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	50-32-8	Benzo(a)pyrene	45	LJ	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	193-39-5	Indeno[1,2,3-cd]pyrene	36	LJ	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	53-70-3	Dibenzo(a,h)anthracene	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	191-24-2	Benzo(g,h,i)perylene	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	08/24/2021	16:02:00	58-90-2	2,3,4,6-Tetrachlorophenol	180	U	ug/kg	180	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	123-91-1	1,4-Dioxane	74	UJ	ug/kg	74	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	100-52-7	Benzaldehyde	370	U	ug/kg	370	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	108-95-2	Phenol	370	U	ug/kg	370	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	111-44-4	Bis(2-chloroethyl)ether	370	U	ug/kg	370	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	95-57-8	2-Chlorophenol	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	95-48-7	2-Methylphenol	370	U	ug/kg	370	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	108-60-1	2,2'-Oxybis(1-chloropropane)	370	U	ug/kg	370	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	98-86-2	Acetophenone	370	U	ug/kg	370	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	106-44-5	4-Methylphenol	370	U	ug/kg	370	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	621-64-7	N-Nitroso-di-n propylamine	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	67-72-1	Hexachloroethane	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	98-95-3	Nitrobenzene	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	78-59-1	Isophorone	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	88-75-5	2-Nitrophenol	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	105-67-9	2,4-Dimethylphenol	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	111-91-1	Bis(2-chloroethoxy)methane	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	120-83-2	2,4-Dichlorophenol	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	91-20-3	Naphthalene	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	106-47-8	4-Chloroaniline	370	U	ug/kg	370	07/13/2021	SS-06	S4VEM

49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	87-68-3	Hexachlorobutadiene	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	105-60-2	Caprolactam	370	U	ug/kg	370	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	59-50-7	4-Chloro-3-methylphenol	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	90-12-0	1-Methylnaphthalene	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	91-57-6	2-Methylnaphthalene	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	77-47-4	Hexachlorocyclo-pentadiene	370	UJ	ug/kg	370	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	88-06-2	2,4,6-Trichlorophenol	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	95-95-4	2,4,5-Trichlorophenol	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	92-52-4	1,1'-Biphenyl	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	91-58-7	2-Chloronaphthalene	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	88-74-4	2-Nitroaniline	190	UJ	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	131-11-3	Dimethylphthalate	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	606-20-2	2,6-Dinitrotoluene	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	208-96-8	Acenaphthylene	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	99-09-2	3-Nitroaniline	370	UJ	ug/kg	370	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	83-32-9	Acenaphthene	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	51-28-5	2,4-Dinitrophenol	370	UJ	ug/kg	370	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	100-02-7	4-Nitrophenol	370	UJ	ug/kg	370	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	132-64-9	Dibenzofuran	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	121-14-2	2,4-Dinitrotoluene	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	84-66-2	Diethylphthalate	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	86-73-7	Fluorene	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	7005-72-3	4-Chlorophenyl-phenylether	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	100-01-6	4-Nitroaniline	370	UJ	ug/kg	370	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	534-52-1	4,6-Dinitro-2-methylphenol	370	UJ	ug/kg	370	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	86-30-6	N-Nitrosodiphenylamine	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	101-55-3	4-Bromophenyl-phenylether	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	118-74-1	Hexachlorobenzene	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	1912-24-9	Atrazine	370	U	ug/kg	370	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	87-86-5	Pentachlorophenol	370	U	ug/kg	370	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	85-01-8	Phenanthrene	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	120-12-7	Anthracene	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	86-74-8	Carbazole	370	U	ug/kg	370	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	84-74-2	Di-n-butylphthalate	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	206-44-0	Fluoranthene	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	129-00-0	Pyrene	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	85-68-7	Butylbenzylphthalate	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	91-94-1	3,3'-Dichlorobenzidine	370	U	ug/kg	370	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	56-55-3	Benzo(a)anthracene	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	218-01-9	Chrysene	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	117-81-7	Bis(2-ethylhexyl)phthalate	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	117-84-0	Di-n-octylphthalate	370	U	ug/kg	370	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	205-99-2	Benzo(b)fluoranthene	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	207-08-9	Benzo(k)fluoranthene	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	50-32-8	Benzo(a)pyrene	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	193-39-5	Indeno[1,2,3-cd]pyrene	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	53-70-3	Dibenzo(a,h)anthracene	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	191-24-2	Benzo(g,h,i)perylene	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	08/24/2021	16:38:00	58-90-2	2,3,4,6-Tetrachlorophenol	190	U	ug/kg	190	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	123-91-1	1,4-Dioxane	76	U	ug/kg	76	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	100-52-7	Benzaldehyde	36	LJ	ug/kg	370	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	108-95-2	Phenol	370	U	ug/kg	370	07/13/2021	SS-07	S4VEM

49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	111-44-4	Bis(2-chloroethyl)ether	370	U	ug/kg	370	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	95-57-8	2-Chlorophenol	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	95-48-7	2-Methylphenol	370	U	ug/kg	370	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	108-60-1	2,2'-Oxybis(1-chloropropane)	370	U	ug/kg	370	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	98-86-2	Acetophenone	370	U	ug/kg	370	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	106-44-5	4-Methylphenol	370	U	ug/kg	370	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	621-64-7	N-Nitroso-di-n propylamine	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	67-72-1	Hexachloroethane	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	98-95-3	Nitrobenzene	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	78-59-1	Isophorone	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	88-75-5	2-Nitrophenol	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	105-67-9	2,4-Dimethylphenol	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	111-91-1	Bis(2-chloroethoxy)methane	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	120-83-2	2,4-Dichlorophenol	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	91-20-3	Naphthalene	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	106-47-8	4-Chloroaniline	370	UJ	ug/kg	370	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	87-68-3	Hexachlorobutadiene	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	105-60-2	Caprolactam	370	U	ug/kg	370	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	59-50-7	4-Chloro-3-methylphenol	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	90-12-0	1-Methylnaphthalene	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	91-57-6	2-Methylnaphthalene	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	77-47-4	Hexachlorocyclo-pentadiene	370	UJ	ug/kg	370	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	88-06-2	2,4,6-Trichlorophenol	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	95-95-4	2,4,5-Trichlorophenol	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	92-52-4	1,1'-Biphenyl	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	91-58-7	2-Chloronaphthalene	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	88-74-4	2-Nitroaniline	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	131-11-3	Dimethylphthalate	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	606-20-2	2,6-Dinitrotoluene	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	208-96-8	Acenaphthylene	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	99-09-2	3-Nitroaniline	370	U	ug/kg	370	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	83-32-9	Acenaphthene	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	51-28-5	2,4-Dinitrophenol	370	UJ	ug/kg	370	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	100-02-7	4-Nitrophenol	370	U	ug/kg	370	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	132-64-9	Dibenzofuran	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	121-14-2	2,4-Dinitrotoluene	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	84-66-2	Diethylphthalate	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	86-73-7	Fluorene	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	7005-72-3	4-Chlorophenyl-phenylether	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	100-01-6	4-Nitroaniline	370	U	ug/kg	370	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	534-52-1	4,6-Dinitro-2-methylphenol	370	UJ	ug/kg	370	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	86-30-6	N-Nitrosodiphenylamine	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	101-55-3	4-Bromophenyl-phenylether	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	118-74-1	Hexachlorobenzene	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	1912-24-9	Atrazine	370	U	ug/kg	370	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	87-86-5	Pentachlorophenol	370	U	ug/kg	370	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	85-01-8	Phenanthrene	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	120-12-7	Anthracene	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	86-74-8	Carbazole	370	U	ug/kg	370	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	84-74-2	Di-n-butylphthalate	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	206-44-0	Fluoranthene	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	129-00-0	Pyrene	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM

49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	85-68-7	Butylbenzylphthalate	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	91-94-1	3,3'-Dichlorobenzidine	370	U	ug/kg	370	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	56-55-3	Benzo(a)anthracene	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	218-01-9	Chrysene	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	117-81-7	Bis(2-ethylhexyl)phthalate	270		ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	117-84-0	Di-n-octylphthalate	370	U	ug/kg	370	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	205-99-2	Benzo(b)fluoranthene	42	LJ	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	207-08-9	Benzo(k)fluoranthene	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	50-32-8	Benzo(a)pyrene	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	193-39-5	Indeno[1,2,3-cd]pyrene	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	53-70-3	Dibenzo(a,h)anthracene	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	191-24-2	Benzo(g,h,i)perylene	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	08/24/2021	17:14:00	58-90-2	2,3,4,6-Tetrachlorophenol	190	U	ug/kg	190	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	123-91-1	1,4-Dioxane	79	UR	ug/kg	79	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	100-52-7	Benzaldehyde	390	U	ug/kg	390	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	108-95-2	Phenol	390	U	ug/kg	390	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	111-44-4	Bis(2-chloroethyl)ether	390	U	ug/kg	390	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	95-57-8	2-Chlorophenol	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	95-48-7	2-Methylphenol	390	U	ug/kg	390	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	108-60-1	2,2'-Oxybis(1-chloropropane)	390	U	ug/kg	390	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	98-86-2	Acetophenone	390	U	ug/kg	390	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	106-44-5	4-Methylphenol	390	U	ug/kg	390	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	621-64-7	N-Nitroso-di-n propylamine	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	67-72-1	Hexachloroethane	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	98-95-3	Nitrobenzene	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	78-59-1	Isophorone	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	88-75-5	2-Nitrophenol	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	105-67-9	2,4-Dimethylphenol	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	111-91-1	Bis(2-chloroethoxy)methane	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	120-83-2	2,4-Dichlorophenol	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	91-20-3	Naphthalene	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	106-47-8	4-Chloroaniline	390	U	ug/kg	390	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	87-68-3	Hexachlorobutadiene	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	105-60-2	Caprolactam	390	U	ug/kg	390	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	59-50-7	4-Chloro-3-methylphenol	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	90-12-0	1-Methylnaphthalene	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	91-57-6	2-Methylnaphthalene	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	77-47-4	Hexachlorocyclo-pentadiene	390	UJ	ug/kg	390	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	88-06-2	2,4,6-Trichlorophenol	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	95-95-4	2,4,5-Trichlorophenol	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	92-52-4	1,1'-Biphenyl	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	91-58-7	2-Chloronaphthalene	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	88-74-4	2-Nitroaniline	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	131-11-3	Dimethylphthalate	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	606-20-2	2,6-Dinitrotoluene	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	208-96-8	Acenaphthylene	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	99-09-2	3-Nitroaniline	390	U	ug/kg	390	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	83-32-9	Acenaphthene	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	51-28-5	2,4-Dinitrophenol	390	UJ	ug/kg	390	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	100-02-7	4-Nitrophenol	390	U	ug/kg	390	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	132-64-9	Dibenzofuran	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	121-14-2	2,4-Dinitrotoluene	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	84-66-2	Diethylphthalate	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM

49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	86-73-7	Fluorene	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	7005-72-3	4-Chlorophenyl-phenylether	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	100-01-6	4-Nitroaniline	390	U	ug/kg	390	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	534-52-1	4,6-Dinitro-2-methylphenol	390	UJ	ug/kg	390	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	86-30-6	N-Nitrosodiphenylamine	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	95-94-3	1,2,4,5-Tetrachlorobenzene	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	101-55-3	4-Bromophenyl-phenylether	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	118-74-1	Hexachlorobenzene	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	1912-24-9	Atrazine	390	U	ug/kg	390	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	87-86-5	Pentachlorophenol	390	U	ug/kg	390	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	85-01-8	Phenanthrene	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	120-12-7	Anthracene	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	86-74-8	Carbazole	390	U	ug/kg	390	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	84-74-2	Di-n-butylphthalate	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	206-44-0	Fluoranthene	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	129-00-0	Pyrene	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	85-68-7	Butylbenzylphthalate	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	91-94-1	3,3'-Dichlorobenzidine	390	U	ug/kg	390	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	56-55-3	Benzo(a)anthracene	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	218-01-9	Chrysene	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	117-81-7	Bis(2-ethylhexyl)phthalate	270		ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	117-84-0	Di-n-octylphthalate	93	LJ	ug/kg	390	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	205-99-2	Benzo(b)fluoranthene	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	207-08-9	Benzo(k)fluoranthene	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	50-32-8	Benzo(a)pyrene	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	193-39-5	Indeno[1,2,3-cd]pyrene	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	53-70-3	Dibenzo(a,h)anthracene	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	191-24-2	Benzo(g,h,i)perylene	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	08/24/2021	11:48:00	58-90-2	2,3,4,6-Tetrachlorophenol	200	U	ug/kg	200	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	123-91-1	1,4-Dioxane	74	UR	ug/kg	74	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	100-52-7	Benzaldehyde	370	U	ug/kg	370	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	108-95-2	Phenol	370	U	ug/kg	370	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	111-44-4	Bis(2-chloroethyl)ether	370	U	ug/kg	370	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	95-57-8	2-Chlorophenol	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	95-48-7	2-Methylphenol	370	U	ug/kg	370	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	108-60-1	2,2'-Oxybis(1-chloropropane)	370	U	ug/kg	370	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	98-86-2	Acetophenone	370	U	ug/kg	370	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	106-44-5	4-Methylphenol	370	U	ug/kg	370	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	621-64-7	N-Nitroso-di-n propylamine	190	UJ	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	67-72-1	Hexachloroethane	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	98-95-3	Nitrobenzene	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	78-59-1	Isophorone	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	88-75-5	2-Nitrophenol	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	105-67-9	2,4-Dimethylphenol	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	111-91-1	Bis(2-chloroethoxy)methane	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	120-83-2	2,4-Dichlorophenol	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	91-20-3	Naphthalene	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	106-47-8	4-Chloroaniline	370	UJ	ug/kg	370	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	87-68-3	Hexachlorobutadiene	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	105-60-2	Caprolactam	370	U	ug/kg	370	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	59-50-7	4-Chloro-3-methylphenol	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	90-12-0	1-Methylnaphthalene	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	91-57-6	2-Methylnaphthalene	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM

49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	77-47-4	Hexachlorocyclo-pentadiene	370	U	ug/kg	370	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	88-06-2	2,4,6-Trichlorophenol	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	95-95-4	2,4,5-Trichlorophenol	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	92-52-4	1,1'-Biphenyl	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	91-58-7	2-Chloronaphthalene	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	88-74-4	2-Nitroaniline	190	UJ	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	131-11-3	Dimethylphthalate	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	606-20-2	2,6-Dinitrotoluene	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	208-96-8	Acenaphthylene	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	99-09-2	3-Nitroaniline	370	UJ	ug/kg	370	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	83-32-9	Acenaphthene	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	51-28-5	2,4-Dinitrophenol	370	UJ	ug/kg	370	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	100-02-7	4-Nitrophenol	370	UJ	ug/kg	370	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	132-64-9	Dibenzofuran	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	121-14-2	2,4-Dinitrotoluene	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	84-66-2	Diethylphthalate	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	86-73-7	Fluorene	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	7005-72-3	4-Chlorophenyl-phenylether	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	100-01-6	4-Nitroaniline	370	UJ	ug/kg	370	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	534-52-1	4,6-Dinitro-2-methylphenol	370	U	ug/kg	370	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	86-30-6	N-Nitrosodiphenylamine	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	101-55-3	4-Bromophenyl-phenylether	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	118-74-1	Hexachlorobenzene	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	1912-24-9	Atrazine	370	U	ug/kg	370	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	87-86-5	Pentachlorophenol	370	U	ug/kg	370	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	85-01-8	Phenanthrene	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	120-12-7	Anthracene	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	86-74-8	Carbazole	370	U	ug/kg	370	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	84-74-2	Di-n-butylphthalate	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	206-44-0	Fluoranthene	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	129-00-0	Pyrene	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	85-68-7	Butylbenzylphthalate	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	91-94-1	3,3'-Dichlorobenzidine	370	U	ug/kg	370	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	56-55-3	Benzo(a)anthracene	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	218-01-9	Chrysene	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	117-81-7	Bis(2-ethylhexyl)phthalate	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	117-84-0	Di-n-octylphthalate	370	U	ug/kg	370	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	205-99-2	Benzo(b)fluoranthene	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	207-08-9	Benzo(k)fluoranthene	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	50-32-8	Benzo(a)pyrene	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	193-39-5	Indeno[1,2,3-cd]pyrene	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	53-70-3	Dibenzo(a,h)anthracene	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	191-24-2	Benzo(g,h,i)perylene	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	08/23/2021	22:23:00	58-90-2	2,3,4,6-Tetrachlorophenol	190	U	ug/kg	190	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	123-91-1	1,4-Dioxane	94	UJ	ug/kg	94	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	100-52-7	Benzaldehyde	81	LJ	ug/kg	460	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	108-95-2	Phenol	460	U	ug/kg	460	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	111-44-4	Bis(2-chloroethyl)ether	460	U	ug/kg	460	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	95-57-8	2-Chlorophenol	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	95-48-7	2-Methylphenol	460	U	ug/kg	460	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	108-60-1	2,2'-Oxybis(1-chloropropane)	460	U	ug/kg	460	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	98-86-2	Acetophenone	460	U	ug/kg	460	07/13/2021	SSBK-01	S4VEM

49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	106-44-5	4-Methylphenol	460	U	ug/kg	460	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	621-64-7	N-Nitroso-di-n propylamine	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	67-72-1	Hexachloroethane	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	98-95-3	Nitrobenzene	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	78-59-1	Isophorone	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	88-75-5	2-Nitrophenol	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	105-67-9	2,4-Dimethylphenol	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	111-91-1	Bis(2-chloroethoxy)methane	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	120-83-2	2,4-Dichlorophenol	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	91-20-3	Naphthalene	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	106-47-8	4-Chloroaniline	460	U	ug/kg	460	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	87-68-3	Hexachlorobutadiene	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	105-60-2	Caprolactam	460	U	ug/kg	460	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	59-50-7	4-Chloro-3-methylphenol	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	90-12-0	1-Methylnaphthalene	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	91-57-6	2-Methylnaphthalene	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	77-47-4	Hexachlorocyclo-pentadiene	460	UJ	ug/kg	460	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	88-06-2	2,4,6-Trichlorophenol	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	95-95-4	2,4,5-Trichlorophenol	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	92-52-4	1,1'-Biphenyl	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	91-58-7	2-Chloronaphthalene	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	88-74-4	2-Nitroaniline	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	131-11-3	Dimethylphthalate	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	606-20-2	2,6-Dinitrotoluene	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	208-96-8	Acenaphthylene	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	99-09-2	3-Nitroaniline	460	U	ug/kg	460	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	83-32-9	Acenaphthene	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	51-28-5	2,4-Dinitrophenol	460	UJ	ug/kg	460	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	100-02-7	4-Nitrophenol	460	U	ug/kg	460	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	132-64-9	Dibenzofuran	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	121-14-2	2,4-Dinitrotoluene	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	84-66-2	Diethylphthalate	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	86-73-7	Fluorene	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	7005-72-3	4-Chlorophenyl-phenylether	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	100-01-6	4-Nitroaniline	460	U	ug/kg	460	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	534-52-1	4,6-Dinitro-2-methylphenol	460	UJ	ug/kg	460	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	86-30-6	N-Nitrosodiphenylamine	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	95-94-3	1,2,4,5-Tetrachlorobenzene	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	101-55-3	4-Bromophenyl-phenylether	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	118-74-1	Hexachlorobenzene	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	1912-24-9	Atrazine	460	U	ug/kg	460	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	87-86-5	Pentachlorophenol	460	U	ug/kg	460	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	85-01-8	Phenanthrene	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	120-12-7	Anthracene	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	86-74-8	Carbazole	460	U	ug/kg	460	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	84-74-2	Di-n-butylphthalate	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	206-44-0	Fluoranthene	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	129-00-0	Pyrene	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	85-68-7	Butylbenzylphthalate	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	91-94-1	3,3'-Dichlorobenzidine	460	U	ug/kg	460	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	56-55-3	Benzo(a)anthracene	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	218-01-9	Chrysene	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	117-81-7	Bis(2-ethylhexyl)phthalate	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM

49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	117-84-0	Di-n-octylphthalate	460	U	ug/kg	460	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	205-99-2	Benzo(b)fluoranthene	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	207-08-9	Benzo(k)fluoranthene	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	50-32-8	Benzo(a)pyrene	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	193-39-5	Indeno[1,2,3-cd]pyrene	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	53-70-3	Dibenzo(a,h)anthracene	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	191-24-2	Benzo(g,h,i)perylene	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	08/24/2021	10:44:00	58-90-2	2,3,4,6-Tetrachlorophenol	240	U	ug/kg	240	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	123-91-1	1,4-Dioxane	82	UJ	ug/kg	82	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	100-52-7	Benzaldehyde	400	U	ug/kg	400	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	108-95-2	Phenol	400	U	ug/kg	400	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	111-44-4	Bis(2-chloroethyl)ether	400	U	ug/kg	400	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	95-57-8	2-Chlorophenol	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	95-48-7	2-Methylphenol	400	U	ug/kg	400	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	108-60-1	2,2'-Oxybis(1-chloropropane)	400	U	ug/kg	400	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	98-86-2	Acetophenone	400	U	ug/kg	400	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	106-44-5	4-Methylphenol	400	U	ug/kg	400	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	621-64-7	N-Nitroso-di-n propylamine	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	67-72-1	Hexachloroethane	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	98-95-3	Nitrobenzene	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	78-59-1	Isophorone	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	88-75-5	2-Nitrophenol	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	105-67-9	2,4-Dimethylphenol	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	111-91-1	Bis(2-chloroethoxy)methane	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	120-83-2	2,4-Dichlorophenol	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	91-20-3	Naphthalene	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	106-47-8	4-Chloroaniline	400	U	ug/kg	400	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	87-68-3	Hexachlorobutadiene	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	105-60-2	Caprolactam	400	U	ug/kg	400	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	59-50-7	4-Chloro-3-methylphenol	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	90-12-0	1-Methylnaphthalene	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	91-57-6	2-Methylnaphthalene	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	77-47-4	Hexachlorocyclo-pentadiene	400	UJ	ug/kg	400	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	88-06-2	2,4,6-Trichlorophenol	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	95-95-4	2,4,5-Trichlorophenol	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	92-52-4	1,1'-Biphenyl	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	91-58-7	2-Chloronaphthalene	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	88-74-4	2-Nitroaniline	210	UJ	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	131-11-3	Dimethylphthalate	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	606-20-2	2,6-Dinitrotoluene	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	208-96-8	Acenaphthylene	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	99-09-2	3-Nitroaniline	400	UJ	ug/kg	400	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	83-32-9	Acenaphthene	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	51-28-5	2,4-Dinitrophenol	400	UJ	ug/kg	400	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	100-02-7	4-Nitrophenol	400	UJ	ug/kg	400	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	132-64-9	Dibenzofuran	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	121-14-2	2,4-Dinitrotoluene	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	84-66-2	Diethylphthalate	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	86-73-7	Fluorene	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	7005-72-3	4-Chlorophenyl-phenylether	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	100-01-6	4-Nitroaniline	400	UJ	ug/kg	400	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	534-52-1	4,6-Dinitro-2-methylphenol	400	UJ	ug/kg	400	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	86-30-6	N-Nitrosodiphenylamine	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM

49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	95-94-3	1,2,4,5-Tetrachlorobenzene	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	101-55-3	4-Bromophenyl-phenylether	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	118-74-1	Hexachlorobenzene	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	1912-24-9	Atrazine	400	U	ug/kg	400	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	87-86-5	Pentachlorophenol	400	U	ug/kg	400	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	85-01-8	Phenanthrene	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	120-12-7	Anthracene	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	86-74-8	Carbazole	400	U	ug/kg	400	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	84-74-2	Di-n-butylphthalate	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	206-44-0	Fluoranthene	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	129-00-0	Pyrene	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	85-68-7	Butylbenzylphthalate	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	91-94-1	3,3'-Dichlorobenzidine	400	U	ug/kg	400	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	56-55-3	Benzo(a)anthracene	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	218-01-9	Chrysene	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	117-81-7	Bis(2-ethylhexyl)phthalate	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	117-84-0	Di-n-octylphthalate	400	U	ug/kg	400	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	205-99-2	Benzo(b)fluoranthene	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	207-08-9	Benzo(k)fluoranthene	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	50-32-8	Benzo(a)pyrene	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	193-39-5	Indeno[1,2,3-cd]pyrene	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	53-70-3	Dibenzo(a,h)anthracene	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	191-24-2	Benzo(g,h,i)perylene	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	08/24/2021	12:25:00	58-90-2	2,3,4,6-Tetrachlorophenol	210	U	ug/kg	210	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	123-91-1	1,4-Dioxane	74	U	ug/kg	74	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	100-52-7	Benzaldehyde	370	U	ug/kg	370	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	108-95-2	Phenol	370	U	ug/kg	370	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	111-44-4	Bis(2-chloroethyl)ether	370	U	ug/kg	370	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	95-57-8	2-Chlorophenol	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	95-48-7	2-Methylphenol	370	U	ug/kg	370	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	108-60-1	2,2'-Oxybis(1-chloropropane)	370	U	ug/kg	370	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	98-86-2	Acetophenone	370	U	ug/kg	370	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	106-44-5	4-Methylphenol	370	U	ug/kg	370	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	621-64-7	N-Nitroso-di-n propylamine	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	67-72-1	Hexachloroethane	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	98-95-3	Nitrobenzene	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	78-59-1	Isophorone	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	88-75-5	2-Nitrophenol	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	105-67-9	2,4-Dimethylphenol	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	111-91-1	Bis(2-chloroethoxy)methane	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	120-83-2	2,4-Dichlorophenol	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	91-20-3	Naphthalene	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	106-47-8	4-Chloroaniline	370	U	ug/kg	370	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	87-68-3	Hexachlorobutadiene	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	105-60-2	Caprolactam	370	U	ug/kg	370	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	59-50-7	4-Chloro-3-methylphenol	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	90-12-0	1-Methylnaphthalene	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	91-57-6	2-Methylnaphthalene	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	77-47-4	Hexachlorocyclo-pentadiene	370	U	ug/kg	370	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	88-06-2	2,4,6-Trichlorophenol	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	95-95-4	2,4,5-Trichlorophenol	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	92-52-4	1,1'-Biphenyl	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	91-58-7	2-Chloronaphthalene	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM

49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	88-74-4	2-Nitroaniline	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	131-11-3	Dimethylphthalate	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	606-20-2	2,6-Dinitrotoluene	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	208-96-8	Acenaphthylene	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	99-09-2	3-Nitroaniline	370	U	ug/kg	370	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	83-32-9	Acenaphthene	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	51-28-5	2,4-Dinitrophenol	370	U	ug/kg	370	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	100-02-7	4-Nitrophenol	370	U	ug/kg	370	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	132-64-9	Dibenzofuran	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	121-14-2	2,4-Dinitrotoluene	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	84-66-2	Diethylphthalate	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	86-73-7	Fluorene	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	7005-72-3	4-Chlorophenyl-phenylether	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	100-01-6	4-Nitroaniline	370	U	ug/kg	370	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	534-52-1	4,6-Dinitro-2-methylphenol	370	U	ug/kg	370	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	86-30-6	N-Nitrosodiphenylamine	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	101-55-3	4-Bromophenyl-phenylether	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	118-74-1	Hexachlorobenzene	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	1912-24-9	Atrazine	370	U	ug/kg	370	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	87-86-5	Pentachlorophenol	370	U	ug/kg	370	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	85-01-8	Phenanthrene	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	120-12-7	Anthracene	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	86-74-8	Carbazole	370	U	ug/kg	370	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	84-74-2	Di-n-butylphthalate	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	206-44-0	Fluoranthene	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	129-00-0	Pyrene	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	85-68-7	Butylbenzylphthalate	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	91-94-1	3,3'-Dichlorobenzidine	370	U	ug/kg	370	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	56-55-3	Benzo(a)anthracene	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	218-01-9	Chrysene	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	117-81-7	Bis(2-ethylhexyl)phthalate	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	117-84-0	Di-n-octylphthalate	370	U	ug/kg	370	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	205-99-2	Benzo(b)fluoranthene	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	207-08-9	Benzo(k)fluoranthene	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	50-32-8	Benzo(a)pyrene	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	193-39-5	Indeno[1,2,3-cd]pyrene	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	53-70-3	Dibenzo(a,h)anthracene	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	191-24-2	Benzo(g,h,i)perylene	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	08/24/2021	00:47:00	58-90-2	2,3,4,6-Tetrachlorophenol	190	U	ug/kg	190	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	123-91-1	1,4-Dioxane	77	UJ	ug/kg	77	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	100-52-7	Benzaldehyde	380	U	ug/kg	380	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	108-95-2	Phenol	380	U	ug/kg	380	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	111-44-4	Bis(2-chloroethyl)ether	380	U	ug/kg	380	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	95-57-8	2-Chlorophenol	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	95-48-7	2-Methylphenol	380	U	ug/kg	380	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	108-60-1	2,2'-Oxybis(1-chloropropane)	380	U	ug/kg	380	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	98-86-2	Acetophenone	380	U	ug/kg	380	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	106-44-5	4-Methylphenol	380	U	ug/kg	380	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	621-64-7	N-Nitroso-di-n propylamine	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	67-72-1	Hexachloroethane	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	98-95-3	Nitrobenzene	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	78-59-1	Isophorone	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM

49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	88-75-5	2-Nitrophenol	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	105-67-9	2,4-Dimethylphenol	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	111-91-1	Bis(2-chloroethoxy)methane	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	120-83-2	2,4-Dichlorophenol	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	91-20-3	Naphthalene	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	106-47-8	4-Chloroaniline	380	UJ	ug/kg	380	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	87-68-3	Hexachlorobutadiene	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	105-60-2	Caprolactam	380	U	ug/kg	380	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	59-50-7	4-Chloro-3-methylphenol	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	90-12-0	1-Methylnaphthalene	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	91-57-6	2-Methylnaphthalene	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	77-47-4	Hexachlorocyclo-pentadiene	380	UJ	ug/kg	380	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	88-06-2	2,4,6-Trichlorophenol	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	95-95-4	2,4,5-Trichlorophenol	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	92-52-4	1,1'-Biphenyl	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	91-58-7	2-Chloronaphthalene	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	88-74-4	2-Nitroaniline	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	131-11-3	Dimethylphthalate	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	606-20-2	2,6-Dinitrotoluene	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	208-96-8	Acenaphthylene	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	99-09-2	3-Nitroaniline	380	U	ug/kg	380	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	83-32-9	Acenaphthene	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	51-28-5	2,4-Dinitrophenol	380	UJ	ug/kg	380	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	100-02-7	4-Nitrophenol	380	U	ug/kg	380	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	132-64-9	Dibenzofuran	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	121-14-2	2,4-Dinitrotoluene	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	84-66-2	Diethylphthalate	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	86-73-7	Fluorene	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	7005-72-3	4-Chlorophenyl-phenylether	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	100-01-6	4-Nitroaniline	380	U	ug/kg	380	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	534-52-1	4,6-Dinitro-2-methylphenol	380	UJ	ug/kg	380	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	86-30-6	N-Nitrosodiphenylamine	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	95-94-3	1,2,4,5-Tetrachlorobenzene	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	101-55-3	4-Bromophenyl-phenylether	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	118-74-1	Hexachlorobenzene	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	1912-24-9	Atrazine	380	U	ug/kg	380	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	87-86-5	Pentachlorophenol	380	U	ug/kg	380	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	85-01-8	Phenanthrene	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	120-12-7	Anthracene	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	86-74-8	Carbazole	380	U	ug/kg	380	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	84-74-2	Di-n-butylphthalate	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	206-44-0	Fluoranthene	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	129-00-0	Pyrene	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	85-68-7	Butylbenzylphthalate	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	91-94-1	3,3'-Dichlorobenzidine	380	U	ug/kg	380	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	56-55-3	Benzo(a)anthracene	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	218-01-9	Chrysene	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	117-81-7	Bis(2-ethylhexyl)phthalate	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	117-84-0	Di-n-octylphthalate	380	U	ug/kg	380	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	205-99-2	Benzo(b)fluoranthene	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	207-08-9	Benzo(k)fluoranthene	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	50-32-8	Benzo(a)pyrene	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	193-39-5	Indeno[1,2,3-cd]pyrene	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM

49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	53-70-3	Dibenzo(a,h)anthracene	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	191-24-2	Benzo(g,h,i)perylene	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	08/24/2021	13:01:00	58-90-2	2,3,4,6-Tetrachlorophenol	200	U	ug/kg	200	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B40	681471	S	07/26/2021	16:26:12	12674-11-2	Aroclor-1016	37	U	ug/kg	37	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	07/26/2021	16:26:12	11104-28-2	Aroclor-1221	37	U	ug/kg	37	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	07/26/2021	16:26:12	11141-16-5	Aroclor-1232	37	U	ug/kg	37	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	07/26/2021	16:26:12	53469-21-9	Aroclor-1242	37	U	ug/kg	37	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	07/26/2021	16:26:12	12672-29-6	Aroclor-1248	37	U	ug/kg	37	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	07/26/2021	16:26:12	11097-69-1	Aroclor-1254	37	U	ug/kg	37	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	07/26/2021	16:26:12	11096-82-5	Aroclor-1260	37	U	ug/kg	37	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	07/26/2021	16:26:12	37324-23-5	Aroclor-1262	37	U	ug/kg	37	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B40	681471	S	07/26/2021	16:26:12	11100-14-4	Aroclor-1268	37	U	ug/kg	37	07/13/2021	SBS-01	S4VEM
49551	F3B40	F3B41	681472	S	07/26/2021	17:10:49	12674-11-2	Aroclor-1016	38	U	ug/kg	38	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	07/26/2021	17:10:49	11104-28-2	Aroclor-1221	38	U	ug/kg	38	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	07/26/2021	17:10:49	11141-16-5	Aroclor-1232	38	U	ug/kg	38	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	07/26/2021	17:10:49	53469-21-9	Aroclor-1242	38	U	ug/kg	38	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	07/26/2021	17:10:49	12672-29-6	Aroclor-1248	38	U	ug/kg	38	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	07/26/2021	17:10:49	11097-69-1	Aroclor-1254	38	U	ug/kg	38	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	07/26/2021	17:10:49	11096-82-5	Aroclor-1260	38	U	ug/kg	38	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	07/26/2021	17:10:49	37324-23-5	Aroclor-1262	38	U	ug/kg	38	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B41	681472	S	07/26/2021	17:10:49	11100-14-4	Aroclor-1268	38	U	ug/kg	38	07/13/2021	SBS-02	S4VEM
49551	F3B40	F3B42	681473	S	07/26/2021	17:55:23	12674-11-2	Aroclor-1016	36	U	ug/kg	36	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	07/26/2021	17:55:23	11104-28-2	Aroclor-1221	36	U	ug/kg	36	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	07/26/2021	17:55:23	11141-16-5	Aroclor-1232	36	U	ug/kg	36	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	07/26/2021	17:55:23	53469-21-9	Aroclor-1242	36	U	ug/kg	36	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	07/26/2021	17:55:23	12672-29-6	Aroclor-1248	36	U	ug/kg	36	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	07/26/2021	17:55:23	11097-69-1	Aroclor-1254	36	U	ug/kg	36	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	07/26/2021	17:55:23	11096-82-5	Aroclor-1260	36	U	ug/kg	36	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	07/26/2021	17:55:23	37324-23-5	Aroclor-1262	36	U	ug/kg	36	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B42	681473	S	07/26/2021	17:55:23	11100-14-4	Aroclor-1268	36	U	ug/kg	36	07/13/2021	SBS-03	S4VEM
49551	F3B40	F3B43	681474	S	07/26/2021	18:39:59	12674-11-2	Aroclor-1016	42	U	ug/kg	42	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	07/26/2021	18:39:59	11104-28-2	Aroclor-1221	42	U	ug/kg	42	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	07/26/2021	18:39:59	11141-16-5	Aroclor-1232	42	U	ug/kg	42	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	07/26/2021	18:39:59	53469-21-9	Aroclor-1242	42	U	ug/kg	42	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	07/26/2021	18:39:59	12672-29-6	Aroclor-1248	42	U	ug/kg	42	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	07/26/2021	18:39:59	11097-69-1	Aroclor-1254	42	U	ug/kg	42	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	07/26/2021	18:39:59	11096-82-5	Aroclor-1260	42	U	ug/kg	42	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	07/26/2021	18:39:59	37324-23-5	Aroclor-1262	42	U	ug/kg	42	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B43	681474	S	07/26/2021	18:39:59	11100-14-4	Aroclor-1268	42	U	ug/kg	42	07/13/2021	SBS-04	S4VEM
49551	F3B40	F3B44	681475	S	07/26/2021	20:53:49	12674-11-2	Aroclor-1016	39	U	ug/kg	39	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	07/26/2021	20:53:49	11104-28-2	Aroclor-1221	39	U	ug/kg	39	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	07/26/2021	20:53:49	11141-16-5	Aroclor-1232	39	U	ug/kg	39	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	07/26/2021	20:53:49	53469-21-9	Aroclor-1242	39	U	ug/kg	39	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	07/26/2021	20:53:49	12672-29-6	Aroclor-1248	39	U	ug/kg	39	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	07/26/2021	20:53:49	11097-69-1	Aroclor-1254	39	U	ug/kg	39	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	07/26/2021	20:53:49	11096-82-5	Aroclor-1260	39	U	ug/kg	39	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	07/26/2021	20:53:49	37324-23-5	Aroclor-1262	39	U	ug/kg	39	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B44	681475	S	07/26/2021	20:53:49	11100-14-4	Aroclor-1268	39	U	ug/kg	39	07/13/2021	SBS-05	S4VEM
49551	F3B40	F3B45	681476	S	07/26/2021	21:38:27	12674-11-2	Aroclor-1016	39	U	ug/kg	39	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	07/26/2021	21:38:27	11104-28-2	Aroclor-1221	39	U	ug/kg	39	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	07/26/2021	21:38:27	11141-16-5	Aroclor-1232	39	U	ug/kg	39	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	07/26/2021	21:38:27	53469-21-9	Aroclor-1242	39	U	ug/kg	39	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	07/26/2021	21:38:27	12672-29-6	Aroclor-1248	39	U	ug/kg	39	07/13/2021	SBS-06	S4VEM

49551	F3B40	F3B45	681476	S	07/26/2021	21:38:27	11097-69-1	Aroclor-1254	39	U	ug/kg	39	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	07/26/2021	21:38:27	11096-82-5	Aroclor-1260	39	U	ug/kg	39	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	07/26/2021	21:38:27	37324-23-5	Aroclor-1262	39	U	ug/kg	39	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B45	681476	S	07/26/2021	21:38:27	11100-14-4	Aroclor-1268	39	U	ug/kg	39	07/13/2021	SBS-06	S4VEM
49551	F3B40	F3B46	681477	S	07/26/2021	22:23:04	12674-11-2	Aroclor-1016	39	U	ug/kg	39	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	07/26/2021	22:23:04	11104-28-2	Aroclor-1221	39	U	ug/kg	39	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	07/26/2021	22:23:04	11141-16-5	Aroclor-1232	39	U	ug/kg	39	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	07/26/2021	22:23:04	53469-21-9	Aroclor-1242	39	U	ug/kg	39	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	07/26/2021	22:23:04	12672-29-6	Aroclor-1248	39	U	ug/kg	39	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	07/26/2021	22:23:04	11097-69-1	Aroclor-1254	39	U	ug/kg	39	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	07/26/2021	22:23:04	11096-82-5	Aroclor-1260	39	U	ug/kg	39	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	07/26/2021	22:23:04	37324-23-5	Aroclor-1262	39	U	ug/kg	39	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B46	681477	S	07/26/2021	22:23:04	11100-14-4	Aroclor-1268	39	U	ug/kg	39	07/13/2021	SBSBK-01	S4VEM
49551	F3B40	F3B47	681483	S	07/26/2021	23:07:42	12674-11-2	Aroclor-1016	37	U	ug/kg	37	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	07/26/2021	23:07:42	11104-28-2	Aroclor-1221	37	U	ug/kg	37	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	07/26/2021	23:07:42	11141-16-5	Aroclor-1232	37	U	ug/kg	37	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	07/26/2021	23:07:42	53469-21-9	Aroclor-1242	37	U	ug/kg	37	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	07/26/2021	23:07:42	12672-29-6	Aroclor-1248	37	U	ug/kg	37	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	07/26/2021	23:07:42	11097-69-1	Aroclor-1254	37	U	ug/kg	37	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	07/26/2021	23:07:42	11096-82-5	Aroclor-1260	37	U	ug/kg	37	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	07/26/2021	23:07:42	37324-23-5	Aroclor-1262	37	U	ug/kg	37	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B47	681483	S	07/26/2021	23:07:42	11100-14-4	Aroclor-1268	37	U	ug/kg	37	07/13/2021	SS-01	S4VEM
49551	F3B40	F3B48	681484	S	07/26/2021	23:52:20	12674-11-2	Aroclor-1016	37	U	ug/kg	37	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	07/26/2021	23:52:20	11104-28-2	Aroclor-1221	37	U	ug/kg	37	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	07/26/2021	23:52:20	11141-16-5	Aroclor-1232	37	U	ug/kg	37	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	07/26/2021	23:52:20	53469-21-9	Aroclor-1242	37	U	ug/kg	37	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	07/26/2021	23:52:20	12672-29-6	Aroclor-1248	37	U	ug/kg	37	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	07/26/2021	23:52:20	11097-69-1	Aroclor-1254	37	U	ug/kg	37	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	07/26/2021	23:52:20	11096-82-5	Aroclor-1260	37	U	ug/kg	37	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	07/26/2021	23:52:20	37324-23-5	Aroclor-1262	37	U	ug/kg	37	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B48	681484	S	07/26/2021	23:52:20	11100-14-4	Aroclor-1268	37	U	ug/kg	37	07/13/2021	SS-02	S4VEM
49551	F3B40	F3B49	681485	S	07/27/2021	00:37:00	12674-11-2	Aroclor-1016	41	U	ug/kg	41	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	07/27/2021	00:37:00	11104-28-2	Aroclor-1221	41	U	ug/kg	41	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	07/27/2021	00:37:00	11141-16-5	Aroclor-1232	41	U	ug/kg	41	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	07/27/2021	00:37:00	53469-21-9	Aroclor-1242	41	U	ug/kg	41	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	07/27/2021	00:37:00	12672-29-6	Aroclor-1248	41	U	ug/kg	41	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	07/27/2021	00:37:00	11097-69-1	Aroclor-1254	41	U	ug/kg	41	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	07/27/2021	00:37:00	11096-82-5	Aroclor-1260	41	U	ug/kg	41	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	07/27/2021	00:37:00	37324-23-5	Aroclor-1262	41	U	ug/kg	41	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B49	681485	S	07/27/2021	00:37:00	11100-14-4	Aroclor-1268	41	U	ug/kg	41	07/13/2021	SS-03	S4VEM
49551	F3B40	F3B50	681486	S	07/27/2021	01:21:39	12674-11-2	Aroclor-1016	37	U	ug/kg	37	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	07/27/2021	01:21:39	11104-28-2	Aroclor-1221	37	U	ug/kg	37	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	07/27/2021	01:21:39	11141-16-5	Aroclor-1232	37	U	ug/kg	37	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	07/27/2021	01:21:39	53469-21-9	Aroclor-1242	37	U	ug/kg	37	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	07/27/2021	01:21:39	12672-29-6	Aroclor-1248	37	U	ug/kg	37	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	07/27/2021	01:21:39	11097-69-1	Aroclor-1254	37	U	ug/kg	37	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	07/27/2021	01:21:39	11096-82-5	Aroclor-1260	37	U	ug/kg	37	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	07/27/2021	01:21:39	37324-23-5	Aroclor-1262	37	U	ug/kg	37	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B50	681486	S	07/27/2021	01:21:39	11100-14-4	Aroclor-1268	37	U	ug/kg	37	07/13/2021	SS-04	S4VEM
49551	F3B40	F3B51	681487	S	07/27/2021	02:06:17	12674-11-2	Aroclor-1016	37	U	ug/kg	37	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	07/27/2021	02:06:17	11104-28-2	Aroclor-1221	37	U	ug/kg	37	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	07/27/2021	02:06:17	11141-16-5	Aroclor-1232	37	U	ug/kg	37	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	07/27/2021	02:06:17	53469-21-9	Aroclor-1242	37	U	ug/kg	37	07/13/2021	SS-05	S4VEM

49551	F3B40	F3B51	681487	S	07/27/2021	02:06:17	12672-29-6	Aroclor-1248	37	U	ug/kg	37	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	07/27/2021	02:06:17	11097-69-1	Aroclor-1254	37	U	ug/kg	37	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	07/27/2021	02:06:17	11096-82-5	Aroclor-1260	37	U	ug/kg	37	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	07/27/2021	02:06:17	37324-23-5	Aroclor-1262	37	U	ug/kg	37	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B51	681487	S	07/27/2021	02:06:17	11100-14-4	Aroclor-1268	37	U	ug/kg	37	07/13/2021	SS-05	S4VEM
49551	F3B40	F3B52	681488	S	07/27/2021	02:50:58	12674-11-2	Aroclor-1016	37	U	ug/kg	37	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	07/27/2021	02:50:58	11104-28-2	Aroclor-1221	37	U	ug/kg	37	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	07/27/2021	02:50:58	11141-16-5	Aroclor-1232	37	U	ug/kg	37	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	07/27/2021	02:50:58	53469-21-9	Aroclor-1242	37	U	ug/kg	37	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	07/27/2021	02:50:58	12672-29-6	Aroclor-1248	37	U	ug/kg	37	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	07/27/2021	02:50:58	11097-69-1	Aroclor-1254	37	U	ug/kg	37	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	07/27/2021	02:50:58	11096-82-5	Aroclor-1260	37	U	ug/kg	37	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	07/27/2021	02:50:58	37324-23-5	Aroclor-1262	37	U	ug/kg	37	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B52	681488	S	07/27/2021	02:50:58	11100-14-4	Aroclor-1268	37	U	ug/kg	37	07/13/2021	SS-06	S4VEM
49551	F3B40	F3B53	681489	S	07/27/2021	03:35:33	12674-11-2	Aroclor-1016	38	U	ug/kg	38	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	07/27/2021	03:35:33	11104-28-2	Aroclor-1221	38	U	ug/kg	38	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	07/27/2021	03:35:33	11141-16-5	Aroclor-1232	38	U	ug/kg	38	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	07/27/2021	03:35:33	53469-21-9	Aroclor-1242	38	U	ug/kg	38	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	07/27/2021	03:35:33	12672-29-6	Aroclor-1248	38	U	ug/kg	38	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	07/27/2021	03:35:33	11097-69-1	Aroclor-1254	38	U	ug/kg	38	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	07/27/2021	03:35:33	11096-82-5	Aroclor-1260	38	U	ug/kg	38	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	07/27/2021	03:35:33	37324-23-5	Aroclor-1262	38	U	ug/kg	38	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B53	681489	S	07/27/2021	03:35:33	11100-14-4	Aroclor-1268	38	U	ug/kg	38	07/13/2021	SS-07	S4VEM
49551	F3B40	F3B54	681490	S	07/27/2021	04:20:08	12674-11-2	Aroclor-1016	40	U	ug/kg	40	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	07/27/2021	04:20:08	11104-28-2	Aroclor-1221	40	U	ug/kg	40	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	07/27/2021	04:20:08	11141-16-5	Aroclor-1232	40	U	ug/kg	40	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	07/27/2021	04:20:08	53469-21-9	Aroclor-1242	40	U	ug/kg	40	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	07/27/2021	04:20:08	12672-29-6	Aroclor-1248	40	U	ug/kg	40	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	07/27/2021	04:20:08	11097-69-1	Aroclor-1254	40	U	ug/kg	40	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	07/27/2021	04:20:08	11096-82-5	Aroclor-1260	40	U	ug/kg	40	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	07/27/2021	04:20:08	37324-23-5	Aroclor-1262	40	U	ug/kg	40	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B54	681490	S	07/27/2021	04:20:08	11100-14-4	Aroclor-1268	40	U	ug/kg	40	07/13/2021	SS-08	S4VEM
49551	F3B40	F3B55	681491	S	07/26/2021	11:58:37	12674-11-2	Aroclor-1016	37	U	ug/kg	37	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	07/26/2021	11:58:37	11104-28-2	Aroclor-1221	37	U	ug/kg	37	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	07/26/2021	11:58:37	11141-16-5	Aroclor-1232	37	U	ug/kg	37	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	07/26/2021	11:58:37	53469-21-9	Aroclor-1242	37	U	ug/kg	37	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	07/26/2021	11:58:37	12672-29-6	Aroclor-1248	37	U	ug/kg	37	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	07/26/2021	11:58:37	11097-69-1	Aroclor-1254	37	U	ug/kg	37	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	07/26/2021	11:58:37	11096-82-5	Aroclor-1260	37	U	ug/kg	37	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	07/26/2021	11:58:37	37324-23-5	Aroclor-1262	37	U	ug/kg	37	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B55	681491	S	07/26/2021	11:58:37	11100-14-4	Aroclor-1268	37	U	ug/kg	37	07/13/2021	SS-09	S4VEM
49551	F3B40	F3B56	681492	S	07/27/2021	05:04:44	12674-11-2	Aroclor-1016	47	U	ug/kg	47	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	07/27/2021	05:04:44	11104-28-2	Aroclor-1221	47	U	ug/kg	47	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	07/27/2021	05:04:44	11141-16-5	Aroclor-1232	47	U	ug/kg	47	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	07/27/2021	05:04:44	53469-21-9	Aroclor-1242	47	U	ug/kg	47	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	07/27/2021	05:04:44	12672-29-6	Aroclor-1248	47	U	ug/kg	47	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	07/27/2021	05:04:44	11097-69-1	Aroclor-1254	47	U	ug/kg	47	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	07/27/2021	05:04:44	11096-82-5	Aroclor-1260	47	U	ug/kg	47	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	07/27/2021	05:04:44	37324-23-5	Aroclor-1262	47	U	ug/kg	47	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B56	681492	S	07/27/2021	05:04:44	11100-14-4	Aroclor-1268	47	U	ug/kg	47	07/13/2021	SSBK-01	S4VEM
49551	F3B40	F3B57	681465	S	07/26/2021	14:12:24	12674-11-2	Aroclor-1016	41	U	ug/kg	41	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	07/26/2021	14:12:24	11104-28-2	Aroclor-1221	41	U	ug/kg	41	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	07/26/2021	14:12:24	11141-16-5	Aroclor-1232	41	U	ug/kg	41	07/13/2021	SD-01	S4VEM

49551	F3B40	F3B57	681465	S	07/26/2021	14:12:24	53469-21-9	Aroclor-1242	41	U	ug/kg	41	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	07/26/2021	14:12:24	12672-29-6	Aroclor-1248	41	U	ug/kg	41	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	07/26/2021	14:12:24	11097-69-1	Aroclor-1254	41	U	ug/kg	41	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	07/26/2021	14:12:24	11096-82-5	Aroclor-1260	41	U	ug/kg	41	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	07/26/2021	14:12:24	37324-23-5	Aroclor-1262	41	U	ug/kg	41	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B57	681465	S	07/26/2021	14:12:24	11100-14-4	Aroclor-1268	41	U	ug/kg	41	07/13/2021	SD-01	S4VEM
49551	F3B40	F3B58	681466	S	07/26/2021	14:57:00	12674-11-2	Aroclor-1016	37	U	ug/kg	37	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	07/26/2021	14:57:00	11104-28-2	Aroclor-1221	37	U	ug/kg	37	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	07/26/2021	14:57:00	11141-16-5	Aroclor-1232	37	U	ug/kg	37	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	07/26/2021	14:57:00	53469-21-9	Aroclor-1242	37	U	ug/kg	37	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	07/26/2021	14:57:00	12672-29-6	Aroclor-1248	37	U	ug/kg	37	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	07/26/2021	14:57:00	11097-69-1	Aroclor-1254	37	U	ug/kg	37	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	07/26/2021	14:57:00	11096-82-5	Aroclor-1260	37	U	ug/kg	37	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	07/26/2021	14:57:00	37324-23-5	Aroclor-1262	37	U	ug/kg	37	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B58	681466	S	07/26/2021	14:57:00	11100-14-4	Aroclor-1268	37	U	ug/kg	37	07/13/2021	SD-02	S4VEM
49551	F3B40	F3B60	681468	S	07/26/2021	15:41:37	12674-11-2	Aroclor-1016	39	U	ug/kg	39	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	07/26/2021	15:41:37	11104-28-2	Aroclor-1221	39	U	ug/kg	39	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	07/26/2021	15:41:37	11141-16-5	Aroclor-1232	39	U	ug/kg	39	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	07/26/2021	15:41:37	53469-21-9	Aroclor-1242	39	U	ug/kg	39	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	07/26/2021	15:41:37	12672-29-6	Aroclor-1248	39	U	ug/kg	39	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	07/26/2021	15:41:37	11097-69-1	Aroclor-1254	39	U	ug/kg	39	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	07/26/2021	15:41:37	11096-82-5	Aroclor-1260	39	U	ug/kg	39	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	07/26/2021	15:41:37	37324-23-5	Aroclor-1262	39	U	ug/kg	39	07/13/2021	SD-04	S4VEM
49551	F3B40	F3B60	681468	S	07/26/2021	15:41:37	11100-14-4	Aroclor-1268	39	U	ug/kg	39	07/13/2021	SD-04	S4VEM

INORGANIC/ORGANIC COMPLETE SDG FILE (CSF) INVENTORY CHECKLIST

Case No. 49551 SDG No. F3B40 SDG Nos. To Follow Mod. Ref No. Date Rec 9/3/21

EPA Lab ID: SRI

Lab Location: San Antonio, TX

Region: 6 Audit No.: 49551/F3B40

Re_Submitted CSF? Yes No X

Box No(s): 1

COMMENTS:

Item Description

14./15. The sampler did not use sample tags for this case.

Over for additional comments.

ORIGINALS	YES	NO	N/A
CUSTODY SEALS			
1. Present on package?	X		
2. Intact upon receipt?	X		
FORM DC-2			
3. Numbering scheme accurate?	X		
4. Are enclosed documents listed?	X		
5. Are listed documents enclosed?	X		
FORM DC-1			
6. Present?	X		
7. Complete?	X		
8. Accurate?	X		
TRAFFIC REPORT /CHAIN-OF-CUSTODY RECORD(s)			
9. Signed?	X		
10. Dated?	X		
AIRBILLS/AIRBILL STICKER			
11. Present?	X		
12. Signed?	X		
13. Dated?	X		
SAMPLE TAGS			
14. Does DC-1 list tags as being included?			X
15. Present?			X
OTHER DOCUMENTS			
16. Complete?	X		
17. Legible?	X		
18. Original?		X	
18a. If "NO", does the copy indicate where original documents are located?	X		

Audited by: Ying-Ping Hsieh — Ying-Ping Hsieh / ESAT Data Reviewer — Date 9/13/2021

Audited by: — Date

Signature — Printed Name/Title

DC-2__

In Reference to Case No:
49551 SDG: F3B40 (O-1555)

Contract Laboratory Program
REGIONAL/LABORATORY COMMUNICATION SYSTEM

Resubmission Request

Laboratory Name:	SRI
Lab Contact:	Lorraine Scheller
Region:	6
Regional Contact:	Raymond Flores - EPA
ESAT Reviewer:	Ying-Ping Hsieh - ESAT

In reference to data for the fraction(s):

SVOA

Summary of Questions/Issues:

The analyst initial and date was omitted on the following manual integrations: Phenol-d5 on p. 1300 and caprolactam on pp. 1282, 1288, 1294, 1300, 1308, and 1314. Please revise and resubmit these pages with the analyst initial and date on the manual integrations.

NOTE: Please respond to the above items **within 3 business days** (SFAM01.1, p. B-10, sec. 2.2.1) by e-mail to hsieh.ying-ping@epa.gov and copy Flores.Raymond@epa.gov.

Distribution: (1) Lab Copy, (2) Region Copy, and (3) ESAT Copy

USEPA CLP COC (LAB COPY)
DateShipped: 7/13/2021
CarrierName: FedEx
AirbillNo: 7742 4847 8694

CHAIN OF CUSTODY RECORD

Case # 49551
Cooler #: 1

No: 6-070621-143008-0001
Lab: Southwest Research Institute
Lab Contact: Daniel Ramirez
Lab Phone: 210-522-5428

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
SS-01	F3B47	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1022 (4 C), 1023 (4 C) (2)	SS-01	07/13/2021 11:25	
SS-02	F3B48	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1025 (4 C), 1026 (4 C) (2)	SS-02	07/13/2021 10:30	
SS-03	F3B49	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1028 (4 C), 1029 (4 C) (2)	SS-03	07/13/2021 11:10	
SS-04	F3B50	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1031 (4 C), 1032 (4 C) (2)	SS-04	07/13/2021 10:43	
SS-05	F3B51	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1034 (4 C), 1035 (4 C) (2)	SS-05	07/13/2021 09:15	
SS-06	F3B52	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1037 (4 C), 1038 (4 C) (2)	SS-06	07/13/2021 09:18	
SS-07	F3B53	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1040 (4 C), 1041 (4 C) (2)	SS-07	07/13/2021 12:34	

Special Instructions: SVOA and ARO analysis by SFAM01.1 Sample(s) to be used for Lab QC: SS-09 Tag 1049, 1105

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: ARO=CLP Aroclors, SVOA=CLP Semivolatiles

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
samples	[signature], DEQ	18:00	[signature] SwRI	7.14.21/10:40	Intact

Client: US EPA SwRI Project # 26219.01.001
SwRI SRR # 66831
VTSR: 07/14/21
Sample(s) received intact. Temp: 1.2°C

F3B40

SwRI

USEPA CLP COC (LAB COPY)
DateShipped: 7/13/2021
CarrierName: FedEx
AirbillNo: 7742 4847 8694

CHAIN OF CUSTODY RECORD

Case # 49551
Cooler #: 1

No: 6-070621-143008-0001
Lab: Southwest Research Institute
Lab Contact: Daniel Ramirez
Lab Phone: 210-522-5428

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
SS-08	F3B54	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1043 (4 C), 1044 (4 C) (2)	SS-08	07/13/2021 12:20	
SS-09	F3B55	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1046 (4 C), 1047 (4 C), 1049 (4 C), 1105 (4 C) (4)	SS-09	07/13/2021 11:37	
SSBK-01	F3B56	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1051 (4 C), 1052 (4 C) (2)	SSBK-01	07/13/2021 13:18	

Sample(s) to be used for Lab QC: SS-09 Tag 1049, SS-09 Tag 1105 - Special Instructions: SVOA and ARO analysis by SFAM01.1 Sample(s) to be used for Lab QC: SS-09 Tag 1049, 1105

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: ARO=CLP Aroclors, SVOA=CLP Semivolatiles

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Anna Gayle	Anna Gayle, DEQ	18:00	Daniel Ramirez/SwRI	7.14.21/10:40	Intact

Client: US EPA SwRI Project # 26219.01.001
SwRI SRR # 66831
VTSR: 07/14/21
Sample(s) received intact. Temp: 1.2°C

F3B40

USEPA CLP COC (LAB COPY)
DateShipped: 7/13/2021
CarrierName: FedEx
AirbillNo: 7742 4847 8764

CHAIN OF CUSTODY RECORD

Case # 49551
Cooler #: 2

No: 6-070621-161816-0002
Lab: Southwest Research Institute
Lab Contact: Daniel Ramirez
Lab Phone: 210-522-5428

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
SBS-01	F3B40	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1000 (4 C), 1001 (4 C) (2)	SBS-01	07/13/2021 10:36	
SBS-02	F3B41	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1004 (4 C), 1005 (4 C) (2)	SBS-02	07/13/2021 11:17	
SBS-03	F3B42	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1007 (4 C), 1008 (4 C) (2)	SBS-03	07/13/2021 09:23	
SBS-04	F3B43	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1010 (4 C), 1011 (4 C) (2)	SBS-04	07/13/2021 12:40	
SBS-05	F3B44	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1013 (4 C), 1014 (4 C) (2)	SBS-05	07/13/2021 12:47	
SBS-06	F3B45	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1016 (4 C), 1017 (4 C) (2)	SBS-06	07/13/2021 12:26	
SBSBK-01	F3B46	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1019 (4 C), 1020 (4 C) (2)	SBSBK-01	07/13/2021 13:24	

Special Instructions: SVOA and ARO analysis by SFAM01.1

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: ARO=CLP Aroclors, SVOA=CLP Semivolatiles

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Samples	Griffith, DEQ	18:00	Daniel Ramirez/SwRI	7.14.21 10:40	Intact

Client: US EPA SwRI Project # 26219.01.001
SwRI SRR # 66831 F3B40
VTSR: 07/14/21
Sample(s) received intact. Temp: 1.5°C

SwRI

USEPA CLP COC (LAB COPY)
DateShipped: 7/13/2021
CarrierName: FedEx
AirbillNo: 7742 4847 8764

CHAIN OF CUSTODY RECORD

Case # 49551
Cooler #: 2

No: 6-070621-161816-0002
Lab: Southwest Research Institute
Lab Contact: Daniel Ramirez
Lab Phone: 210-522-5428

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
SD-06	F3B62	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1075 (4 C), 1076 (4 C) (2)	SD-06	07/13/2021 11:44	
SD-07	F3B63	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1078 (4 C), 1079 (4 C) (2)	SD-07	07/13/2021 11:47	
SD-08	F3B64	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1081 (4 C), 1082 (4 C) (2)	SD-08	07/13/2021 12:00	
SD-09	F3B65	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1084 (4 C), 1085 (4 C) (2)	SD-09	07/13/2021 12:08	
SD-10	F3B66	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1087 (4 C), 1088 (4 C) (2)	SD-10	07/13/2021 12:15	

Special Instructions: SVOA and ARO analysis by SFAM01.1

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: ARO=CLP Aroclors, SVOA=CLP Semivolatiles

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
samples	Gayle, DEQ	18:00	Daniel Ramirez/SwRI	7.14.21/10:40	Intact

Client: US EPA **SwRI Project # 26219.01.001**
SwRI SRR # 66831 **F3B40**
VTSR: 07/14/21
Sample(s) received intact. Temp: 1.5°C

SwRI

USEPA CLP COC (LAB COPY)
DateShipped: 7/13/2021
CarrierName: FedEx
AirbillNo: 7742 4847 8319

CHAIN OF CUSTODY RECORD

Case # 49551
Cooler #: 3

No: 6-070621-162046-0003
Lab: Southwest Research Institute
Lab Contact: Daniel Ramirez
Lab Phone: 210-522-5428

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
SD-01	F3B57	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1056 (4 C), 1057 (4 C) (2)	SD-01	07/13/2021 09:33	
SD-02	F3B58	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1059 (4 C), 1060 (4 C) (2)	SD-02	07/13/2021 10:15	
SD-03	F3B59	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1062 (4 C), 1063 (4 C), 1065 (4 C), 1106 (4 C) (4)	SD-03	07/13/2021 10:24	
SD-04	F3B60	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1067 (4 C), 1068 (4 C) (2)	SD-04	07/13/2021 11:01	
SD-05	F3B61	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1072 (4 C), 1073 (4 C) (2)	SD-05	07/13/2021 11:30	
SDBK-01	F3B67	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1090 (4 C), 1091 (4 C) (2)	SDBK-01	07/13/2021 13:05	

Sample(s) to be used for Lab QC: SD-03 Tag 1065, SD-03 Tag 1106 - Special Instructions: SVOA and ARO analysis by SFAM01.1 Sample(s) to be used for Lab QC: SD-03 Tag 1065, 1106

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: ARO=CLP Aroclors, SVOA=CLP Semivolatiles

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Samples	Agaya, DEQ	18:00	Daniel Ramirez/SwRI	7.14.21 1040 /SwRI	Intact

Client: US EPA SwRI Project # 26219.01.001
SwRI SRR # 66831 F3B40
VTSR: 07/14/21
Sample(s) received intact. Temp: 1.6°C

SWRI

USEPA CLP COC (LAB COPY)
DateShipped: 7/13/2021
CarrierName: FedEx
AirbillNo: 7742 4847 8558

CHAIN OF CUSTODY RECORD

Case # 49551
Cooler #: 4

No: 6-070621-163211-0004
Lab: Southwest Research Institute
Lab Contact: Daniel Ramirez
Lab Phone: 210-522-5428

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
SW-01	F3B68	Surface Water/ Anna Gayle Griffiths, DEQ	Grab	SVOA(21)	1094 (4 C), 1107 (4 C) (2)	SW-01	07/13/2021 09:30	
SW-02	F3B69	Surface Water/ Anna Gayle Griffiths, DEQ	Grab	SVOA(21)	1097 (4 C), 1108 (4 C) (2)	SW-02	07/13/2021 10:50	
SW-03	F3B70	Surface Water/ Anna Gayle Griffiths, DEQ	Grab	SVOA(21)	1100 (4 C), 1109 (4 C) (2)	SW-03	07/13/2021 10:55	
SWBK-01	F3B71	Surface Water/ Anna Gayle Griffiths, DEQ	Grab	SVOA(21)	1102 (4 C), 1110 (4 C) (2)	SWBK-01	07/13/2021 13:00	

Special Instructions: SVOA and ARO analysis by SFAM01.1

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: SVOA=CLP Semivolatiles

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Samples	Anna Gayle, DEQ	18:00	David Ramirez/SwRI	7.14.21/10:40	Intact

Client: US EPA SwRI Project # 26219.01.001
SwRI SRR # 66831 F3B40
VTSR: 07/14/21
Sample(s) received intact. Temp: 1.5°C

SwRI

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE RD.
HOUSTON, TEXAS 77099

September 16, 2021

MEMORANDUM

SUBJECT: Contract Laboratory Program Data Review

FROM: Raymond Flores, ESAT Regional Project Officer
Laboratory Services and Applied Science Division (6LASBE)

TO: Philip Ofosu, Superfund Project Manager (6SEDAS)

Site: **STREET & PERFORMANCE**

Case#: **49551**

SDG#: **F3B59org**

The EPA Region 6 Environmental Services Branch ESAT data review team has completed a review of the submitted Contract Laboratory Program (CLP) data package for the referenced site. The samples analyzed and reviewed are detailed in the attached Regional data review report.

The data package is acceptable for regional use. Problems, if any, are listed in the report narrative. If you have any questions regarding the data review report, please contact me at (281) 983-2139.

ENVIRONMENTAL SERVICES ASSISTANCE TEAM

Serco, Inc.

ESAT Region 6
10625 Fallstone Road
Houston, TX 77099

MEMORANDUM

DATE: September 16, 2021

TO: Raymond Flores, ESAT PO, EPA Region 6

FROM: Ying-Ping Hsieh, Data Reviewer, ESAT YH

THRU: Dominic G. Jarecki, ESAT Program Manager, ESAT DGJ

SUBJECT: CLP Data Review

Contract No.:	68HE0121D0003
TO No.:	001
Task/Sub-Task:	2-6
ESAT Doc. No.:	0001-206-0023
TDF No.:	6-21-063A
ESAT File No.:	O-1553

Attached is the data review summary for Case # 49551
SDG # F3B59
Site Street & Performance, Inc.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE ROAD
HOUSTON, TEXAS 77099
ORGANIC REGIONAL DATA ASSESSMENT

CASE NO.	49551	SITE	Street & Performance, Inc.
LABORATORY	SRI	NO. OF SAMPLES	8
CONTRACT#	68HERH20D0016	MATRIX	Sediment
SDG#	F3B59	REVIEWER (IF NOT ESB)	ESAT
SOW#	SFAM01.1	REVIEWER'S NAME	Ying-Ping Hsieh
SF#	303DD2A6PY	COMPLETION DATE	September 16, 2021

SAMPLE NO.	F3B59	F3B64			
	F3B61	F3B65			
	F3B62	F3B66			
	F3B63	F3B67			

DATA ASSESSMENT SUMMARY

		SVOA	ARO
1.	HOLDING TIMES	O	O
2.	GC/MS TUNE/INSTR. PERFORM.	O	O
3.	CALIBRATIONS	M	O
4.	BLANKS	O	O
5.	DMC/SURROGATES	M	O
6.	MATRIX SPIKE/DUPLICATE/LCS	O	O
7.	OTHER QC	N/A	N/A
8.	INTERNAL STANDARDS	O	N/A
9.	COMPOUND ID/QUANTITATION	O	O
10.	PERFORMANCE/COMPLETENESS	O	O
11.	OVERALL ASSESSMENT	M	O

O = Data had no problems.
M = Data qualified because of major or minor problems.
Z = Data unacceptable.
NA = Not applicable.

ACTION ITEMS:

AREA OF CONCERN: SVOA Hexachlorocyclopentadiene failed the technical %D calibration criteria for two closing CCVs. Seven samples had poor DMC performance. The 1,4-dioxane result was qualified as unusable for two samples because of extremely low SDMC1 recoveries.

COMMENTS/CLARIFICATIONS
REGION 6 CLP QA REVIEW

CASE 49551 **SDG** F3B59 **SITE** Street & Performance, Inc. **LAB** SRI

COMMENTS: This SDG consisted of eight sediment samples for SVOA and ARO analyses following CLP SOW SFAM01.1. The sampler designated sample F3B59 as the laboratory QC sample.

The SOW requires that the soil/sediment sample results be adjusted for moisture content, which raised adjusted QLs above the CRQLs specified in the SOW. The adjusted CRQLs were reported by the laboratory and are referred to as SQLs in this report.

S4VEM Review was performed for this package as requested by the Region. The target analytes reported at concentrations above the SQLs are fluoranthene, pyrene, chrysene, and benzo(b)fluoranthene in sample F3B61 and phthalates in samples F3B62 and F3B64.

SVOA samples F3B61 and F3B66 were re-extracted and reanalyzed because of unacceptable DMC performance. The re-analyses had acceptable DMC recoveries but were extracted exceeding the contractual and technical holding time limits by 18 days and 15 days, respectively. The results from original analyses were designated for use for SVOA samples F3B61 and F3B66 to minimize data qualification. The DST was revised accordingly.

OVERALL ASSESSMENT: Some results were qualified for seven SVOA samples because of problems with calibration and DMC performance. ESAT's final data qualifiers in the DST indicate the technical usability of all reported sample results. An Evidence Audit was conducted for the CSF, and the audit results were reported on the Evidence Inventory Checklist.

The laboratory responded the Region 6 Resubmission Request (p. 20) and submitted the original analyses for SVOA samples F3B61 and F3B66. The resubmission was reviewed. The DST included in this report is the final version.

ORGANIC ACRONYMS

%D	Percent Difference
%RSD	Percent Relative Standard Deviation
ARO	Aroclors
BFB	4-Bromofluorobenzene
BNA	Base/Neutral and Acid
CCS	Contract Compliance Screening
CCV	Continuing Calibration Verification
CF	Calibration Factor
CRQL	Contract Required Quantitation Limit
CSF	Complete SDG File
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenylphosphine
DMC	Deuterated Monitoring Compound
DST	Data Summary Table
EDM	EXES Data Manager
GC/ECD	Gas Chromatograph/Electron Capture Detector
GC/MS	Gas Chromatograph/Mass Spectrometer
GPC	Gel Permeation Chromatography
IC	Initial Calibration
INDA(B,C)	Individual Standard Mixture A(or B or C)
IS	Internal Standard
LCS	Laboratory Control Sample
LMVOA	Low/Medium Volatile Organic Analysis
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NFG	National Functional Guidelines
OTR/COC	Organic Traffic Report/Chain of Custody
PAH	Polynuclear Aromatic Hydrocarbon
PE	Performance Evaluation
PEM	Performance Evaluation Mixture
PEST	Pesticides
QA	Quality Assurance
QC	Quality Control
QL	Quantitation Limit
RIC	Reconstructed Ion Chromatogram
RPD	Relative Percent Difference
RRF	Relative Response Factor
RRT	Relative Retention Time
RSCC	Regional Sample Control Center
RT	Retention Time
S3VEM	Stage 3 Validation Electronic and Manual (previously called Modified CADRE Review)
S4VEM	Stage 4 Validation Electronic and Manual (previously called Standard Review)
SDG	Sample Delivery Group
SDMC	Semivolatile Deuterated Monitoring Compound
SIM	Selected Ion Monitoring
SMO	Sample Management Office
SOW	Statement of Work
SQL	Sample Quantitation Limit
SVOA	Semivolatile Organic Analysis
TCL	Target Compound List
TCX	Tetrachloro-m-xylene
TIC	Tentatively Identified Compound
TVOA	Trace Volatile Organic Analysis
VDMC	Volatile Deuterated Monitoring Compound
VOA	Volatile Organic Analysis

HEADER DEFINITIONS FOR ORGANIC EXCEL DST

CASE: Case Number

SDG: SDG Number

EPASAMP: EPA Sample Number

LABID: Laboratory File/Sample ID

MATRIX: Sample Matrix

ANDATE: Sample Analysis Date

ANTIME: Sample Analysis Time

CASNUM: Compound CAS Number

ANALYTE: Compound Name

CONC: Compound Concentration

VALDQAL: Region 6 Organic Data Validation Qualifier (see Organic Data Qualifier Definitions on the next page)

UNITS: Concentration Units

ADJCRQL: Adjusted Contract Required Quantitation Limit Value

SMPDATE: Sampling Date

STATLOC: Station Location

DVLEV: Data Validation Level

Disclaimer: ESAT verified the accuracy of the information reported in the Excel DST only for the following data fields: CASE, SDG, EPASAMP, MATRIX, ANALYTE, CONC, UNITS, VALDQAL, and ADJCRQL. The data qualifiers in the VALDQAL column indicate the technical usability of the reported results.

ORGANIC DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the ESAT-Region 6 qualifiers assigned to results in the Data Summary Table.

U Not detected at reported quantitation limit.

N Identification is tentative.

J Estimated value.

L Reported concentration is below the CRQL.

M Reported concentration should be used as a raised quantitation limit because of interferences and/or laboratory contamination.

R Unusable.

+ High biased. Actual concentration may be lower than the concentration reported.

- Low biased. Actual concentration may be higher than the concentration reported.

F+ A false positive exists.

F- A false negative exists.

UJ Estimated quantitation limit.

T Identification is questionable because of absence of other commonly coexisting pesticides.

C Identification of pesticide or Aroclor has been confirmed by Gas Chromatography/Mass Spectrometer (GC/MS).

X Identification of pesticide or Aroclor could not be confirmed by GC/MS when attempted.

***** Result not recommended for use because of associated QA/QC performance inferior to that from other analysis.

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC	DVLEV
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	123-91-1	1,4-Dioxane	76	U	ug/kg	76	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	100-52-7	Benzaldehyde	370	U	ug/kg	370	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	108-95-2	Phenol	370	U	ug/kg	370	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	111-44-4	Bis(2-chloroethyl)ether	370	U	ug/kg	370	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	95-57-8	2-Chlorophenol	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	95-48-7	2-Methylphenol	370	U	ug/kg	370	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	108-60-1	2,2'-Oxybis(1-chloropropane)	370	U	ug/kg	370	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	98-86-2	Acetophenone	370	U	ug/kg	370	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	106-44-5	4-Methylphenol	370	U	ug/kg	370	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	621-64-7	N-Nitroso-di-n propylamine	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	67-72-1	Hexachloroethane	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	98-95-3	Nitrobenzene	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	78-59-1	Isophorone	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	88-75-5	2-Nitrophenol	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	105-67-9	2,4-Dimethylphenol	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	111-91-1	Bis(2-chloroethoxy)methane	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	120-83-2	2,4-Dichlorophenol	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	91-20-3	Naphthalene	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	106-47-8	4-Chloroaniline	370	U	ug/kg	370	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	87-68-3	Hexachlorobutadiene	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	105-60-2	Caprolactam	370	U	ug/kg	370	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	59-50-7	4-Chloro-3-methylphenol	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	90-12-0	1-Methylnaphthalene	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	91-57-6	2-Methylnaphthalene	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	77-47-4	Hexachlorocyclo-pentadiene	370	U	ug/kg	370	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	88-06-2	2,4,6-Trichlorophenol	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	95-95-4	2,4,5-Trichlorophenol	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	92-52-4	1,1'-Biphenyl	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	91-58-7	2-Chloronaphthalene	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	88-74-4	2-Nitroaniline	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	131-11-3	Dimethylphthalate	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	606-20-2	2,6-Dinitrotoluene	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	208-96-8	Acenaphthylene	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	99-09-2	3-Nitroaniline	370	U	ug/kg	370	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	83-32-9	Acenaphthene	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	51-28-5	2,4-Dinitrophenol	370	U	ug/kg	370	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	100-02-7	4-Nitrophenol	370	U	ug/kg	370	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	132-64-9	Dibenzofuran	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	121-14-2	2,4-Dinitrotoluene	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	84-66-2	Diethylphthalate	40	LJ	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	86-73-7	Fluorene	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	7005-72-3	4-Chlorophenyl-phenylether	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	100-01-6	4-Nitroaniline	370	U	ug/kg	370	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	534-52-1	4,6-Dinitro-2-methylphenol	370	U	ug/kg	370	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	86-30-6	N-Nitrosodiphenylamine	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	101-55-3	4-Bromophenyl-phenylether	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	118-74-1	Hexachlorobenzene	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	1912-24-9	Atrazine	370	U	ug/kg	370	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	87-86-5	Pentachlorophenol	370	U	ug/kg	370	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	85-01-8	Phenanthrene	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	120-12-7	Anthracene	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM

49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	86-74-8	Carbazole	370	U	ug/kg	370	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	84-74-2	Di-n-butylphthalate	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	206-44-0	Fluoranthene	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	129-00-0	Pyrene	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	85-68-7	Butylbenzylphthalate	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	91-94-1	3,3'-Dichlorobenzidine	370	U	ug/kg	370	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	56-55-3	Benzo(a)anthracene	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	218-01-9	Chrysene	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	117-81-7	Bis(2-ethylhexyl)phthalate	76	LJ	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	117-84-0	Di-n-octylphthalate	370	U	ug/kg	370	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	205-99-2	Benzo(b)fluoranthene	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	207-08-9	Benzo(k)fluoranthene	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	50-32-8	Benzo(a)pyrene	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	193-39-5	Indeno[1,2,3-cd]pyrene	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	53-70-3	Dibenzo(a,h)anthracene	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	191-24-2	Benzo(g,h,i)perylene	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	08/03/2021	16:15:00	58-90-2	2,3,4,6-Tetrachlorophenol	190	U	ug/kg	190	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	123-91-1	1,4-Dioxane	92	UR	ug/kg	92	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	100-52-7	Benzaldehyde	76	LJ	ug/kg	460	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	108-95-2	Phenol	460	U	ug/kg	460	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	111-44-4	Bis(2-chloroethyl)ether	460	U	ug/kg	460	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	95-57-8	2-Chlorophenol	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	95-48-7	2-Methylphenol	460	U	ug/kg	460	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	108-60-1	2,2'-Oxybis(1-chloropropane)	460	U	ug/kg	460	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	98-86-2	Acetophenone	460	U	ug/kg	460	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	106-44-5	4-Methylphenol	460	U	ug/kg	460	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	621-64-7	N-Nitroso-di-n propylamine	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	67-72-1	Hexachloroethane	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	98-95-3	Nitrobenzene	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	78-59-1	Isophorone	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	88-75-5	2-Nitrophenol	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	105-67-9	2,4-Dimethylphenol	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	111-91-1	Bis(2-chloroethoxy)methane	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	120-83-2	2,4-Dichlorophenol	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	91-20-3	Naphthalene	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	106-47-8	4-Chloroaniline	460	UJ	ug/kg	460	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	87-68-3	Hexachlorobutadiene	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	105-60-2	Caprolactam	460	U	ug/kg	460	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	59-50-7	4-Chloro-3-methylphenol	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	90-12-0	1-Methylnaphthalene	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	91-57-6	2-Methylnaphthalene	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	77-47-4	Hexachlorocyclo-pentadiene	460	UJ	ug/kg	460	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	88-06-2	2,4,6-Trichlorophenol	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	95-95-4	2,4,5-Trichlorophenol	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	92-52-4	1,1'-Biphenyl	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	91-58-7	2-Chloronaphthalene	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	88-74-4	2-Nitroaniline	230	UJ	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	131-11-3	Dimethylphthalate	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	606-20-2	2,6-Dinitrotoluene	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	208-96-8	Acenaphthylene	75	LJ	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	99-09-2	3-Nitroaniline	460	UJ	ug/kg	460	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	83-32-9	Acenaphthene	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	51-28-5	2,4-Dinitrophenol	460	UJ	ug/kg	460	07/13/2021	SD-05	S4VEM

49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	100-02-7	4-Nitrophenol	460	UJ	ug/kg	460	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	132-64-9	Dibenzofuran	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	121-14-2	2,4-Dinitrotoluene	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	84-66-2	Diethylphthalate	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	86-73-7	Fluorene	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	7005-72-3	4-Chlorophenyl-phenylether	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	100-01-6	4-Nitroaniline	460	UJ	ug/kg	460	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	534-52-1	4,6-Dinitro-2-methylphenol	460	U	ug/kg	460	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	86-30-6	N-Nitrosodiphenylamine	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	95-94-3	1,2,4,5-Tetrachlorobenzene	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	101-55-3	4-Bromophenyl-phenylether	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	118-74-1	Hexachlorobenzene	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	1912-24-9	Atrazine	460	U	ug/kg	460	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	87-86-5	Pentachlorophenol	460	U	ug/kg	460	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	85-01-8	Phenanthrene	43	LJ	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	120-12-7	Anthracene	80	LJ	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	86-74-8	Carbazole	460	U	ug/kg	460	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	84-74-2	Di-n-butylphthalate	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	206-44-0	Fluoranthene	270		ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	129-00-0	Pyrene	320		ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	85-68-7	Butylbenzylphthalate	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	91-94-1	3,3'-Dichlorobenzidine	460	U	ug/kg	460	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	56-55-3	Benzo(a)anthracene	200	LJ	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	218-01-9	Chrysene	310		ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	117-81-7	Bis(2-ethylhexyl)phthalate	45	LJ	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	117-84-0	Di-n-octylphthalate	460	U	ug/kg	460	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	205-99-2	Benzo(b)fluoranthene	580		ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	207-08-9	Benzo(k)fluoranthene	170	LJ	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	50-32-8	Benzo(a)pyrene	210	LJ	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	193-39-5	Indeno[1,2,3-cd]pyrene	190	LJ	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	53-70-3	Dibenzo(a,h)anthracene	230	U	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	08/04/2021	16:00:00	191-24-2	Benzo(g,h,i)perylene	150	LJ	ug/kg	230	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	58-90-2	2,3,4,6-Tetrachlorophenol	230	U	ug/kg	230	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	123-91-1	1,4-Dioxane	100	U	ug/kg	100	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	100-52-7	Benzaldehyde	55	LJ	ug/kg	500	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	108-95-2	Phenol	500	U	ug/kg	500	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	111-44-4	Bis(2-chloroethyl)ether	500	U	ug/kg	500	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	95-57-8	2-Chlorophenol	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	95-48-7	2-Methylphenol	500	U	ug/kg	500	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	108-60-1	2,2'-Oxybis(1-chloropropane)	500	U	ug/kg	500	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	98-86-2	Acetophenone	500	U	ug/kg	500	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	106-44-5	4-Methylphenol	500	U	ug/kg	500	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	621-64-7	N-Nitroso-di-n propylamine	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	67-72-1	Hexachloroethane	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	98-95-3	Nitrobenzene	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	78-59-1	Isophorone	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	88-75-5	2-Nitrophenol	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	105-67-9	2,4-Dimethylphenol	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	111-91-1	Bis(2-chloroethoxy)methane	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	120-83-2	2,4-Dichlorophenol	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	91-20-3	Naphthalene	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	106-47-8	4-Chloroaniline	500	UJ	ug/kg	500	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	87-68-3	Hexachlorobutadiene	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM

49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	105-60-2	Caprolactam	500	U	ug/kg	500	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	59-50-7	4-Chloro-3-methylphenol	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	90-12-0	1-Methylnaphthalene	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	91-57-6	2-Methylnaphthalene	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	77-47-4	Hexachlorocyclo-pentadiene	500	UJ	ug/kg	500	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	88-06-2	2,4,6-Trichlorophenol	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	95-95-4	2,4,5-Trichlorophenol	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	92-52-4	1,1'-Biphenyl	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	91-58-7	2-Chloronaphthalene	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	88-74-4	2-Nitroaniline	260	UJ	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	131-11-3	Dimethylphthalate	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	606-20-2	2,6-Dinitrotoluene	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	208-96-8	Acenaphthylene	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	99-09-2	3-Nitroaniline	500	UJ	ug/kg	500	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	83-32-9	Acenaphthene	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	51-28-5	2,4-Dinitrophenol	500	UJ	ug/kg	500	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	100-02-7	4-Nitrophenol	500	UJ	ug/kg	500	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	132-64-9	Dibenzofuran	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	121-14-2	2,4-Dinitrotoluene	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	84-66-2	Diethylphthalate	74	LJ	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	86-73-7	Fluorene	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	7005-72-3	4-Chlorophenyl-phenylether	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	100-01-6	4-Nitroaniline	500	UJ	ug/kg	500	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	534-52-1	4,6-Dinitro-2-methylphenol	500	U	ug/kg	500	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	86-30-6	N-Nitrosodiphenylamine	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	95-94-3	1,2,4,5-Tetrachlorobenzene	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	101-55-3	4-Bromophenyl-phenylether	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	118-74-1	Hexachlorobenzene	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	1912-24-9	Atrazine	500	U	ug/kg	500	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	87-86-5	Pentachlorophenol	500	U	ug/kg	500	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	85-01-8	Phenanthrene	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	120-12-7	Anthracene	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	86-74-8	Carbazole	500	U	ug/kg	500	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	84-74-2	Di-n-butylphthalate	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	206-44-0	Fluoranthene	74	LJ	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	129-00-0	Pyrene	73	LJ	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	85-68-7	Butylbenzylphthalate	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	91-94-1	3,3'-Dichlorobenzidine	500	U	ug/kg	500	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	56-55-3	Benzo(a)anthracene	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	218-01-9	Chrysene	64	LJ	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	117-81-7	Bis(2-ethylhexyl)phthalate	940		ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	117-84-0	Di-n-octylphthalate	500	U	ug/kg	500	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	205-99-2	Benzo(b)fluoranthene	110	LJ	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	207-08-9	Benzo(k)fluoranthene	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	50-32-8	Benzo(a)pyrene	48	LJ	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	193-39-5	Indeno[1,2,3-cd]pyrene	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	53-70-3	Dibenzo(a,h)anthracene	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	191-24-2	Benzo(g,h,i)perylene	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	08/04/2021	17:12:00	58-90-2	2,3,4,6-Tetrachlorophenol	260	U	ug/kg	260	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	123-91-1	1,4-Dioxane	100	UJ	ug/kg	100	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	100-52-7	Benzaldehyde	120	LJ	ug/kg	510	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	108-95-2	Phenol	510	U	ug/kg	510	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	111-44-4	Bis(2-chloroethyl)ether	510	U	ug/kg	510	07/13/2021	SD-07	S4VEM

49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	95-57-8	2-Chlorophenol	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	95-48-7	2-Methylphenol	510	U	ug/kg	510	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	108-60-1	2,2'-Oxybis(1-chloropropane)	510	U	ug/kg	510	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	98-86-2	Acetophenone	510	U	ug/kg	510	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	106-44-5	4-Methylphenol	510	U	ug/kg	510	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	621-64-7	N-Nitroso-di-n propylamine	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	67-72-1	Hexachloroethane	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	98-95-3	Nitrobenzene	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	78-59-1	Isophorone	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	88-75-5	2-Nitrophenol	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	105-67-9	2,4-Dimethylphenol	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	111-91-1	Bis(2-chloroethoxy)methane	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	120-83-2	2,4-Dichlorophenol	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	91-20-3	Naphthalene	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	106-47-8	4-Chloroaniline	510	UJ	ug/kg	510	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	87-68-3	Hexachlorobutadiene	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	105-60-2	Caprolactam	510	U	ug/kg	510	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	59-50-7	4-Chloro-3-methylphenol	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	90-12-0	1-Methylnaphthalene	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	91-57-6	2-Methylnaphthalene	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	77-47-4	Hexachlorocyclo-pentadiene	510	UJ	ug/kg	510	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	88-06-2	2,4,6-Trichlorophenol	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	95-95-4	2,4,5-Trichlorophenol	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	92-52-4	1,1'-Biphenyl	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	91-58-7	2-Chloronaphthalene	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	88-74-4	2-Nitroaniline	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	131-11-3	Dimethylphthalate	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	606-20-2	2,6-Dinitrotoluene	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	208-96-8	Acenaphthylene	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	99-09-2	3-Nitroaniline	510	U	ug/kg	510	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	83-32-9	Acenaphthene	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	51-28-5	2,4-Dinitrophenol	510	U	ug/kg	510	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	100-02-7	4-Nitrophenol	510	U	ug/kg	510	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	132-64-9	Dibenzofuran	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	121-14-2	2,4-Dinitrotoluene	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	84-66-2	Diethylphthalate	80	LJ	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	86-73-7	Fluorene	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	7005-72-3	4-Chlorophenyl-phenylether	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	100-01-6	4-Nitroaniline	510	U	ug/kg	510	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	534-52-1	4,6-Dinitro-2-methylphenol	510	U	ug/kg	510	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	86-30-6	N-Nitrosodiphenylamine	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	95-94-3	1,2,4,5-Tetrachlorobenzene	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	101-55-3	4-Bromophenyl-phenylether	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	118-74-1	Hexachlorobenzene	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	1912-24-9	Atrazine	510	U	ug/kg	510	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	87-86-5	Pentachlorophenol	510	U	ug/kg	510	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	85-01-8	Phenanthrene	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	120-12-7	Anthracene	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	86-74-8	Carbazole	510	U	ug/kg	510	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	84-74-2	Di-n-butylphthalate	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	206-44-0	Fluoranthene	78	LJ	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	129-00-0	Pyrene	76	LJ	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	85-68-7	Butylbenzylphthalate	61	LJ	ug/kg	260	07/13/2021	SD-07	S4VEM

49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	91-94-1	3,3'-Dichlorobenzidine	510	U	ug/kg	510	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	56-55-3	Benzo(a)anthracene	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	218-01-9	Chrysene	100	LJ	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	117-81-7	Bis(2-ethylhexyl)phthalate	70	LJ	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	117-84-0	Di-n-octylphthalate	510	U	ug/kg	510	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	205-99-2	Benzo(b)fluoranthene	140	LJ	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	207-08-9	Benzo(k)fluoranthene	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	50-32-8	Benzo(a)pyrene	47	LJ	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	193-39-5	Indeno[1,2,3-cd]pyrene	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	53-70-3	Dibenzo(a,h)anthracene	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	191-24-2	Benzo(g,h,i)perylene	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	08/04/2021	18:24:00	58-90-2	2,3,4,6-Tetrachlorophenol	260	U	ug/kg	260	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	123-91-1	1,4-Dioxane	82	UJ	ug/kg	82	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	100-52-7	Benzaldehyde	410	U	ug/kg	410	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	108-95-2	Phenol	410	U	ug/kg	410	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	111-44-4	Bis(2-chloroethyl)ether	410	U	ug/kg	410	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	95-57-8	2-Chlorophenol	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	95-48-7	2-Methylphenol	410	U	ug/kg	410	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	108-60-1	2,2'-Oxybis(1-chloropropane)	410	U	ug/kg	410	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	98-86-2	Acetophenone	410	U	ug/kg	410	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	106-44-5	4-Methylphenol	410	U	ug/kg	410	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	621-64-7	N-Nitroso-di-n propylamine	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	67-72-1	Hexachloroethane	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	98-95-3	Nitrobenzene	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	78-59-1	Isophorone	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	88-75-5	2-Nitrophenol	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	105-67-9	2,4-Dimethylphenol	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	111-91-1	Bis(2-chloroethoxy)methane	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	120-83-2	2,4-Dichlorophenol	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	91-20-3	Naphthalene	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	106-47-8	4-Chloroaniline	410	UJ	ug/kg	410	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	87-68-3	Hexachlorobutadiene	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	105-60-2	Caprolactam	410	U	ug/kg	410	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	59-50-7	4-Chloro-3-methylphenol	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	90-12-0	1-Methylnaphthalene	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	91-57-6	2-Methylnaphthalene	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	77-47-4	Hexachlorocyclo-pentadiene	410	UJ	ug/kg	410	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	88-06-2	2,4,6-Trichlorophenol	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	95-95-4	2,4,5-Trichlorophenol	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	92-52-4	1,1'-Biphenyl	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	91-58-7	2-Chloronaphthalene	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	88-74-4	2-Nitroaniline	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	131-11-3	Dimethylphthalate	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	606-20-2	2,6-Dinitrotoluene	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	208-96-8	Acenaphthylene	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	99-09-2	3-Nitroaniline	410	U	ug/kg	410	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	83-32-9	Acenaphthene	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	51-28-5	2,4-Dinitrophenol	410	U	ug/kg	410	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	100-02-7	4-Nitrophenol	410	U	ug/kg	410	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	132-64-9	Dibenzofuran	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	121-14-2	2,4-Dinitrotoluene	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	84-66-2	Diethylphthalate	42	LJ	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	86-73-7	Fluorene	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM

49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	7005-72-3	4-Chlorophenyl-phenylether	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	100-01-6	4-Nitroaniline	410	U	ug/kg	410	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	534-52-1	4,6-Dinitro-2-methylphenol	410	U	ug/kg	410	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	86-30-6	N-Nitrosodiphenylamine	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	95-94-3	1,2,4,5-Tetrachlorobenzene	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	101-55-3	4-Bromophenyl-phenylether	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	118-74-1	Hexachlorobenzene	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	1912-24-9	Atrazine	410	U	ug/kg	410	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	87-86-5	Pentachlorophenol	410	U	ug/kg	410	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	85-01-8	Phenanthrene	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	120-12-7	Anthracene	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	86-74-8	Carbazole	410	U	ug/kg	410	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	84-74-2	Di-n-butylphthalate	280		ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	206-44-0	Fluoranthene	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	129-00-0	Pyrene	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	85-68-7	Butylbenzylphthalate	490		ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	91-94-1	3,3'-Dichlorobenzidine	410	U	ug/kg	410	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	56-55-3	Benzo(a)anthracene	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	218-01-9	Chrysene	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	117-81-7	Bis(2-ethylhexyl)phthalate	270		ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	117-84-0	Di-n-octylphthalate	410	U	ug/kg	410	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	205-99-2	Benzo(b)fluoranthene	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	207-08-9	Benzo(k)fluoranthene	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	50-32-8	Benzo(a)pyrene	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	193-39-5	Indeno[1,2,3-cd]pyrene	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	53-70-3	Dibenzo(a,h)anthracene	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	191-24-2	Benzo(g,h,i)perylene	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	08/04/2021	19:37:00	58-90-2	2,3,4,6-Tetrachlorophenol	210	U	ug/kg	210	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	123-91-1	1,4-Dioxane	85	U	ug/kg	85	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	100-52-7	Benzaldehyde	420	U	ug/kg	420	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	108-95-2	Phenol	420	U	ug/kg	420	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	111-44-4	Bis(2-chloroethyl)ether	420	U	ug/kg	420	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	95-57-8	2-Chlorophenol	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	95-48-7	2-Methylphenol	420	U	ug/kg	420	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	108-60-1	2,2'-Oxybis(1-chloropropane)	420	U	ug/kg	420	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	98-86-2	Acetophenone	420	U	ug/kg	420	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	106-44-5	4-Methylphenol	420	U	ug/kg	420	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	621-64-7	N-Nitroso-di-n propylamine	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	67-72-1	Hexachloroethane	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	98-95-3	Nitrobenzene	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	78-59-1	Isophorone	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	88-75-5	2-Nitrophenol	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	105-67-9	2,4-Dimethylphenol	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	111-91-1	Bis(2-chloroethoxy)methane	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	120-83-2	2,4-Dichlorophenol	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	91-20-3	Naphthalene	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	106-47-8	4-Chloroaniline	420	UJ	ug/kg	420	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	87-68-3	Hexachlorobutadiene	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	105-60-2	Caprolactam	420	U	ug/kg	420	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	59-50-7	4-Chloro-3-methylphenol	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	90-12-0	1-Methylnaphthalene	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	91-57-6	2-Methylnaphthalene	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	77-47-4	Hexachlorocyclo-pentadiene	420	U	ug/kg	420	07/13/2021	SD-09	S4VEM

49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	88-06-2	2,4,6-Trichlorophenol	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	95-95-4	2,4,5-Trichlorophenol	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	92-52-4	1,1'-Biphenyl	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	91-58-7	2-Chloronaphthalene	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	88-74-4	2-Nitroaniline	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	131-11-3	Dimethylphthalate	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	606-20-2	2,6-Dinitrotoluene	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	208-96-8	Acenaphthylene	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	99-09-2	3-Nitroaniline	420	U	ug/kg	420	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	83-32-9	Acenaphthene	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	51-28-5	2,4-Dinitrophenol	420	U	ug/kg	420	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	100-02-7	4-Nitrophenol	420	U	ug/kg	420	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	132-64-9	Dibenzofuran	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	121-14-2	2,4-Dinitrotoluene	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	84-66-2	Diethylphthalate	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	86-73-7	Fluorene	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	7005-72-3	4-Chlorophenyl-phenylether	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	100-01-6	4-Nitroaniline	420	U	ug/kg	420	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	534-52-1	4,6-Dinitro-2-methylphenol	420	U	ug/kg	420	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	86-30-6	N-Nitrosodiphenylamine	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	95-94-3	1,2,4,5-Tetrachlorobenzene	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	101-55-3	4-Bromophenyl-phenylether	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	118-74-1	Hexachlorobenzene	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	1912-24-9	Atrazine	420	U	ug/kg	420	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	87-86-5	Pentachlorophenol	420	U	ug/kg	420	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	85-01-8	Phenanthrene	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	120-12-7	Anthracene	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	86-74-8	Carbazole	420	U	ug/kg	420	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	84-74-2	Di-n-butylphthalate	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	206-44-0	Fluoranthene	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	129-00-0	Pyrene	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	85-68-7	Butylbenzylphthalate	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	91-94-1	3,3'-Dichlorobenzidine	420	U	ug/kg	420	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	56-55-3	Benzo(a)anthracene	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	218-01-9	Chrysene	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	117-81-7	Bis(2-ethylhexyl)phthalate	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	117-84-0	Di-n-octylphthalate	420	U	ug/kg	420	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	205-99-2	Benzo(b)fluoranthene	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	207-08-9	Benzo(k)fluoranthene	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	50-32-8	Benzo(a)pyrene	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	193-39-5	Indeno[1,2,3-cd]pyrene	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	53-70-3	Dibenzo(a,h)anthracene	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	191-24-2	Benzo(g,h,i)perylene	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	08/03/2021	19:18:00	58-90-2	2,3,4,6-Tetrachlorophenol	210	U	ug/kg	210	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	123-91-1	1,4-Dioxane	100	UJ	ug/kg	100	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	100-52-7	Benzaldehyde	500	U	ug/kg	500	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	108-95-2	Phenol	500	U	ug/kg	500	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	111-44-4	Bis(2-chloroethyl)ether	500	U	ug/kg	500	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	95-57-8	2-Chlorophenol	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	95-48-7	2-Methylphenol	500	U	ug/kg	500	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	108-60-1	2,2'-Oxybis(1-chloropropane)	500	U	ug/kg	500	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	98-86-2	Acetophenone	500	U	ug/kg	500	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	106-44-5	4-Methylphenol	500	U	ug/kg	500	07/13/2021	SD-10	S4VEM

49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	621-64-7	N-Nitroso-di-n propylamine	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	67-72-1	Hexachloroethane	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	98-95-3	Nitrobenzene	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	78-59-1	Isophorone	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	88-75-5	2-Nitrophenol	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	105-67-9	2,4-Dimethylphenol	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	111-91-1	Bis(2-chloroethoxy)methane	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	120-83-2	2,4-Dichlorophenol	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	91-20-3	Naphthalene	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	106-47-8	4-Chloroaniline	500	UJ	ug/kg	500	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	87-68-3	Hexachlorobutadiene	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	105-60-2	Caprolactam	500	U	ug/kg	500	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	59-50-7	4-Chloro-3-methylphenol	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	90-12-0	1-Methylnaphthalene	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	91-57-6	2-Methylnaphthalene	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	77-47-4	Hexachlorocyclo-pentadiene	500	UJ	ug/kg	500	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	88-06-2	2,4,6-Trichlorophenol	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	95-95-4	2,4,5-Trichlorophenol	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	92-52-4	1,1'-Biphenyl	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	91-58-7	2-Chloronaphthalene	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	88-74-4	2-Nitroaniline	260	UJ	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	131-11-3	Dimethylphthalate	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	606-20-2	2,6-Dinitrotoluene	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	208-96-8	Acenaphthylene	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	99-09-2	3-Nitroaniline	500	UJ	ug/kg	500	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	83-32-9	Acenaphthene	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	51-28-5	2,4-Dinitrophenol	500	UJ	ug/kg	500	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	100-02-7	4-Nitrophenol	500	UJ	ug/kg	500	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	132-64-9	Dibenzofuran	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	121-14-2	2,4-Dinitrotoluene	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	84-66-2	Diethylphthalate	71	LJ	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	86-73-7	Fluorene	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	7005-72-3	4-Chlorophenyl-phenylether	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	100-01-6	4-Nitroaniline	500	UJ	ug/kg	500	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	534-52-1	4,6-Dinitro-2-methylphenol	500	U	ug/kg	500	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	86-30-6	N-Nitrosodiphenylamine	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	95-94-3	1,2,4,5-Tetrachlorobenzene	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	101-55-3	4-Bromophenyl-phenylether	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	118-74-1	Hexachlorobenzene	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	1912-24-9	Atrazine	500	U	ug/kg	500	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	87-86-5	Pentachlorophenol	500	U	ug/kg	500	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	85-01-8	Phenanthrene	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	120-12-7	Anthracene	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	86-74-8	Carbazole	500	U	ug/kg	500	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	84-74-2	Di-n-butylphthalate	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	206-44-0	Fluoranthene	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	129-00-0	Pyrene	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	85-68-7	Butylbenzylphthalate	64	LJ	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	91-94-1	3,3'-Dichlorobenzidine	500	U	ug/kg	500	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	56-55-3	Benzo(a)anthracene	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	218-01-9	Chrysene	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	117-81-7	Bis(2-ethylhexyl)phthalate	66	LJ	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	117-84-0	Di-n-octylphthalate	500	U	ug/kg	500	07/13/2021	SD-10	S4VEM

49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	205-99-2	Benzo(b)fluoranthene	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	207-08-9	Benzo(k)fluoranthene	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	50-32-8	Benzo(a)pyrene	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	193-39-5	Indeno[1,2,3-cd]pyrene	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	53-70-3	Dibenzo(a,h)anthracene	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	191-24-2	Benzo(g,h,i)perylene	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	08/04/2021	20:49:00	58-90-2	2,3,4,6-Tetrachlorophenol	260	U	ug/kg	260	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	123-91-1	1,4-Dioxane	85	UR	ug/kg	85	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	100-52-7	Benzaldehyde	420	U	ug/kg	420	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	108-95-2	Phenol	420	U	ug/kg	420	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	111-44-4	Bis(2-chloroethyl)ether	420	U	ug/kg	420	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	95-57-8	2-Chlorophenol	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	95-48-7	2-Methylphenol	420	U	ug/kg	420	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	108-60-1	2,2'-Oxybis(1-chloropropane)	420	U	ug/kg	420	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	98-86-2	Acetophenone	420	U	ug/kg	420	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	106-44-5	4-Methylphenol	420	U	ug/kg	420	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	621-64-7	N-Nitroso-di-n propylamine	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	67-72-1	Hexachloroethane	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	98-95-3	Nitrobenzene	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	78-59-1	Isophorone	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	88-75-5	2-Nitrophenol	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	105-67-9	2,4-Dimethylphenol	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	120-83-2	2,4-Dichlorophenol	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	91-20-3	Naphthalene	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	106-47-8	4-Chloroaniline	420	UJ	ug/kg	420	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	87-68-3	Hexachlorobutadiene	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	105-60-2	Caprolactam	420	U	ug/kg	420	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	90-12-0	1-Methylnaphthalene	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	91-57-6	2-Methylnaphthalene	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	77-47-4	Hexachlorocyclo-pentadiene	420	U	ug/kg	420	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	92-52-4	1,1'-Biphenyl	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	91-58-7	2-Chloronaphthalene	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	88-74-4	2-Nitroaniline	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	131-11-3	Dimethylphthalate	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	606-20-2	2,6-Dinitrotoluene	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	208-96-8	Acenaphthylene	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	99-09-2	3-Nitroaniline	420	U	ug/kg	420	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	83-32-9	Acenaphthene	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	51-28-5	2,4-Dinitrophenol	420	U	ug/kg	420	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	100-02-7	4-Nitrophenol	420	U	ug/kg	420	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	132-64-9	Dibenzofuran	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	121-14-2	2,4-Dinitrotoluene	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	84-66-2	Diethylphthalate	63	LJ	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	86-73-7	Fluorene	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	7005-72-3	4-Chlorophenyl-phenylether	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	100-01-6	4-Nitroaniline	420	U	ug/kg	420	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	534-52-1	4,6-Dinitro-2-methylphenol	420	U	ug/kg	420	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	86-30-6	N-Nitrosodiphenylamine	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM

49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	101-55-3	4-Bromophenyl-phenylether	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	118-74-1	Hexachlorobenzene	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	1912-24-9	Atrazine	420	U	ug/kg	420	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	87-86-5	Pentachlorophenol	420	U	ug/kg	420	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	85-01-8	Phenanthrene	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	120-12-7	Anthracene	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	86-74-8	Carbazole	420	U	ug/kg	420	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	84-74-2	Di-n-butylphthalate	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	206-44-0	Fluoranthene	41	LJ	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	129-00-0	Pyrene	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	85-68-7	Butylbenzylphthalate	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	91-94-1	3,3'-Dichlorobenzidine	420	U	ug/kg	420	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	56-55-3	Benzo(a)anthracene	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	218-01-9	Chrysene	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	117-81-7	Bis(2-ethylhexyl)phthalate	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	117-84-0	Di-n-octylphthalate	420	U	ug/kg	420	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	205-99-2	Benzo(b)fluoranthene	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	207-08-9	Benzo(k)fluoranthene	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	50-32-8	Benzo(a)pyrene	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	193-39-5	Indeno[1,2,3-cd]pyrene	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	53-70-3	Dibenzo(a,h)anthracene	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	191-24-2	Benzo(g,h,i)perylene	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	08/03/2021	18:03:00	58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg	220	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B59	681467	S	07/22/2021	02:41:00	12674-11-2	Aroclor-1016	38	U	ug/kg	38	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	07/22/2021	02:41:00	11104-28-2	Aroclor-1221	38	U	ug/kg	38	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	07/22/2021	02:41:00	11141-16-5	Aroclor-1232	38	U	ug/kg	38	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	07/22/2021	02:41:00	53469-21-9	Aroclor-1242	38	U	ug/kg	38	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	07/22/2021	02:41:00	12672-29-6	Aroclor-1248	38	U	ug/kg	38	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	07/22/2021	02:41:00	11097-69-1	Aroclor-1254	38	U	ug/kg	38	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	07/22/2021	02:41:00	11096-82-5	Aroclor-1260	38	U	ug/kg	38	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	07/22/2021	02:41:00	37324-23-5	Aroclor-1262	38	U	ug/kg	38	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B59	681467	S	07/22/2021	02:41:00	11100-14-4	Aroclor-1268	38	U	ug/kg	38	07/13/2021	SD-03	S4VEM
49551	F3B59	F3B61	681469	S	07/22/2021	04:55:00	12674-11-2	Aroclor-1016	46	U	ug/kg	46	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	07/22/2021	04:55:00	11104-28-2	Aroclor-1221	46	U	ug/kg	46	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	07/22/2021	04:55:00	11141-16-5	Aroclor-1232	46	U	ug/kg	46	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	07/22/2021	04:55:00	53469-21-9	Aroclor-1242	46	U	ug/kg	46	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	07/22/2021	04:55:00	12672-29-6	Aroclor-1248	46	U	ug/kg	46	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	07/22/2021	04:55:00	11097-69-1	Aroclor-1254	46	U	ug/kg	46	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	07/22/2021	04:55:00	11096-82-5	Aroclor-1260	46	U	ug/kg	46	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	07/22/2021	04:55:00	37324-23-5	Aroclor-1262	46	U	ug/kg	46	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B61	681469	S	07/22/2021	04:55:00	11100-14-4	Aroclor-1268	46	U	ug/kg	46	07/13/2021	SD-05	S4VEM
49551	F3B59	F3B62	681478	S	07/22/2021	06:24:00	12674-11-2	Aroclor-1016	51	U	ug/kg	51	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	07/22/2021	06:24:00	11104-28-2	Aroclor-1221	51	U	ug/kg	51	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	07/22/2021	06:24:00	11141-16-5	Aroclor-1232	51	U	ug/kg	51	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	07/22/2021	06:24:00	53469-21-9	Aroclor-1242	51	U	ug/kg	51	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	07/22/2021	06:24:00	12672-29-6	Aroclor-1248	51	U	ug/kg	51	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	07/22/2021	06:24:00	11097-69-1	Aroclor-1254	51	U	ug/kg	51	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	07/22/2021	06:24:00	11096-82-5	Aroclor-1260	51	U	ug/kg	51	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	07/22/2021	06:24:00	37324-23-5	Aroclor-1262	51	U	ug/kg	51	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B62	681478	S	07/22/2021	06:24:00	11100-14-4	Aroclor-1268	51	U	ug/kg	51	07/13/2021	SD-06	S4VEM
49551	F3B59	F3B63	681479	S	07/22/2021	07:09:00	12674-11-2	Aroclor-1016	51	U	ug/kg	51	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	07/22/2021	07:09:00	11104-28-2	Aroclor-1221	51	U	ug/kg	51	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	07/22/2021	07:09:00	11141-16-5	Aroclor-1232	51	U	ug/kg	51	07/13/2021	SD-07	S4VEM

49551	F3B59	F3B63	681479	S	07/22/2021	07:09:00	53469-21-9	Aroclor-1242	51	U	ug/kg	51	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	07/22/2021	07:09:00	12672-29-6	Aroclor-1248	51	U	ug/kg	51	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	07/22/2021	07:09:00	11097-69-1	Aroclor-1254	51	U	ug/kg	51	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	07/22/2021	07:09:00	11096-82-5	Aroclor-1260	51	U	ug/kg	51	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	07/22/2021	07:09:00	37324-23-5	Aroclor-1262	51	U	ug/kg	51	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B63	681479	S	07/22/2021	07:09:00	11100-14-4	Aroclor-1268	51	U	ug/kg	51	07/13/2021	SD-07	S4VEM
49551	F3B59	F3B64	681480	S	07/22/2021	07:53:00	12674-11-2	Aroclor-1016	41	U	ug/kg	41	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	07/22/2021	07:53:00	11104-28-2	Aroclor-1221	41	U	ug/kg	41	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	07/22/2021	07:53:00	11141-16-5	Aroclor-1232	41	U	ug/kg	41	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	07/22/2021	07:53:00	53469-21-9	Aroclor-1242	41	U	ug/kg	41	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	07/22/2021	07:53:00	12672-29-6	Aroclor-1248	41	U	ug/kg	41	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	07/22/2021	07:53:00	11097-69-1	Aroclor-1254	41	U	ug/kg	41	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	07/22/2021	07:53:00	11096-82-5	Aroclor-1260	41	U	ug/kg	41	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	07/22/2021	07:53:00	37324-23-5	Aroclor-1262	41	U	ug/kg	41	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B64	681480	S	07/22/2021	07:53:00	11100-14-4	Aroclor-1268	41	U	ug/kg	41	07/13/2021	SD-08	S4VEM
49551	F3B59	F3B65	681481	S	07/22/2021	08:38:00	12674-11-2	Aroclor-1016	43	U	ug/kg	43	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	07/22/2021	08:38:00	11104-28-2	Aroclor-1221	43	U	ug/kg	43	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	07/22/2021	08:38:00	11141-16-5	Aroclor-1232	43	U	ug/kg	43	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	07/22/2021	08:38:00	53469-21-9	Aroclor-1242	43	U	ug/kg	43	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	07/22/2021	08:38:00	12672-29-6	Aroclor-1248	43	U	ug/kg	43	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	07/22/2021	08:38:00	11097-69-1	Aroclor-1254	43	U	ug/kg	43	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	07/22/2021	08:38:00	11096-82-5	Aroclor-1260	43	U	ug/kg	43	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	07/22/2021	08:38:00	37324-23-5	Aroclor-1262	43	U	ug/kg	43	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B65	681481	S	07/22/2021	08:38:00	11100-14-4	Aroclor-1268	43	U	ug/kg	43	07/13/2021	SD-09	S4VEM
49551	F3B59	F3B66	681482	S	07/22/2021	09:22:00	12674-11-2	Aroclor-1016	51	U	ug/kg	51	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	07/22/2021	09:22:00	11104-28-2	Aroclor-1221	51	U	ug/kg	51	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	07/22/2021	09:22:00	11141-16-5	Aroclor-1232	51	U	ug/kg	51	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	07/22/2021	09:22:00	53469-21-9	Aroclor-1242	51	U	ug/kg	51	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	07/22/2021	09:22:00	12672-29-6	Aroclor-1248	51	U	ug/kg	51	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	07/22/2021	09:22:00	11097-69-1	Aroclor-1254	51	U	ug/kg	51	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	07/22/2021	09:22:00	11096-82-5	Aroclor-1260	51	U	ug/kg	51	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	07/22/2021	09:22:00	37324-23-5	Aroclor-1262	51	U	ug/kg	51	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B66	681482	S	07/22/2021	09:22:00	11100-14-4	Aroclor-1268	51	U	ug/kg	51	07/13/2021	SD-10	S4VEM
49551	F3B59	F3B67	681470	S	07/22/2021	05:39:00	12674-11-2	Aroclor-1016	42	U	ug/kg	42	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	07/22/2021	05:39:00	11104-28-2	Aroclor-1221	42	U	ug/kg	42	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	07/22/2021	05:39:00	11141-16-5	Aroclor-1232	42	U	ug/kg	42	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	07/22/2021	05:39:00	53469-21-9	Aroclor-1242	42	U	ug/kg	42	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	07/22/2021	05:39:00	12672-29-6	Aroclor-1248	42	U	ug/kg	42	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	07/22/2021	05:39:00	11097-69-1	Aroclor-1254	42	U	ug/kg	42	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	07/22/2021	05:39:00	11096-82-5	Aroclor-1260	42	U	ug/kg	42	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	07/22/2021	05:39:00	37324-23-5	Aroclor-1262	42	U	ug/kg	42	07/13/2021	SDBK-01	S4VEM
49551	F3B59	F3B67	681470	S	07/22/2021	05:39:00	11100-14-4	Aroclor-1268	42	U	ug/kg	42	07/13/2021	SDBK-01	S4VEM

INORGANIC/ORGANIC COMPLETE SDG FILE (CSF) INVENTORY CHECKLIST

Case No. 49551 SDG No. F3B59 SDG Nos. To Follow Mod. Ref No. Date Rec 8/27/21

EPA Lab ID: SRI

Lab Location: San Antonio, TX

Region: 6 Audit No.: 49551/F3B59

Re_Submitted CSF? Yes No X

Box No(s): 1

COMMENTS:

Item Description

14./15. The sampler did not use sample tags for this case.

Over for additional comments.

ORIGINALS	YES	NO	N/A
CUSTODY SEALS			
1. Present on package?	X		
2. Intact upon receipt?	X		
FORM DC-2			
3. Numbering scheme accurate?	X		
4. Are enclosed documents listed?	X		
5. Are listed documents enclosed?	X		
FORM DC-1			
6. Present?	X		
7. Complete?	X		
8. Accurate?	X		
TRAFFIC REPORT /CHAIN-OF-CUSTODY RECORD(s)			
9. Signed?	X		
10. Dated?	X		
AIRBILLS/AIRBILL STICKER			
11. Present?	X		
12. Signed?	X		
13. Dated?	X		
SAMPLE TAGS			
14. Does DC-1 list tags as being included?			X
15. Present?			X
OTHER DOCUMENTS			
16. Complete?	X		
17. Legible?	X		
18. Original?		X	
18a. If "NO", does the copy indicate where original documents are located?	X		

Audited by: Ying-Ping Hsieh — Ying-Ping Hsieh / ESAT Data Reviewer — Date 9/8/2021

Audited by: — Date

Signature — Printed Name/Title

DC-2__

In Reference to Case No:
49551 SDG: F3B59 (O-1553)

Contract Laboratory Program
REGIONAL/LABORATORY COMMUNICATION SYSTEM

Resubmission Request

Laboratory Name:	SRI
Lab Contact:	Lorraine Scheller
Region:	6
Regional Contact:	Raymond Flores - EPA
ESAT Reviewer:	Ying-Ping Hsieh - ESAT

In reference to data for the fraction(s):

SVOA

Summary of Questions/Issues:

Samples F3B61 and F3B66 were re-extracted and reanalyzed because of unacceptable DMC performance. The re-analyses had acceptable DMC recoveries but were extracted exceeding the contractual and technical holding time limits by 18 days and 15 days, respectively. The laboratory should submit both the original analyses and re-analyses for these two samples. Please submit the original analyses (p. 1089, GC/MS Injection Log, 8/4/21) for SVOA samples F3B61 and F3B66 at this time.

NOTE: Please respond to the above items **within 3 business days** (SFAM01.1, p. B-10, sec. 2.2.1) by e-mail to hsieh.ying-ping@epa.gov and copy Flores.Raymond@epa.gov.

Distribution: (1) Lab Copy, (2) Region Copy, and (3) ESAT Copy

USEPA CLP COC (LAB COPY)
DateShipped: 7/13/2021
CarrierName: FedEx
AirbillNo: 7742 4847 8694

CHAIN OF CUSTODY RECORD

Case # 49551
Cooler #: 1

No: 6-070621-143008-0001
Lab: Southwest Research Institute
Lab Contact: Daniel Ramirez
Lab Phone: 210-522-5428

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
SS-01	F3B47	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1022 (4 C), 1023 (4 C) (2)	SS-01	07/13/2021 11:25	
SS-02	F3B48	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1025 (4 C), 1026 (4 C) (2)	SS-02	07/13/2021 10:30	
SS-03	F3B49	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1028 (4 C), 1029 (4 C) (2)	SS-03	07/13/2021 11:10	
SS-04	F3B50	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1031 (4 C), 1032 (4 C) (2)	SS-04	07/13/2021 10:43	
SS-05	F3B51	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1034 (4 C), 1035 (4 C) (2)	SS-05	07/13/2021 09:15	
SS-06	F3B52	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1037 (4 C), 1038 (4 C) (2)	SS-06	07/13/2021 09:18	
SS-07	F3B53	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1040 (4 C), 1041 (4 C) (2)	SS-07	07/13/2021 12:34	

Special Instructions: SVOA and ARO analysis by SFAM01.1 Sample(s) to be used for Lab QC: SS-09 Tag 1049, 1105

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: ARO=CLP Aroclors, SVOA=CLP Semivolatiles

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
samples	[signature], DEQ	18:00	[signature] SwRI	7.14.21/10:40	Intact

Client: US EPA SwRI Project # 26219.01.001
SwRI SRR # 66831
VTSR: 07/14/21
Sample(s) received intact. Temp: 1.2°C

F3B59

SwRI

USEPA CLP COC (LAB COPY)
DateShipped: 7/13/2021
CarrierName: FedEx
AirbillNo: 7742 4847 8694

CHAIN OF CUSTODY RECORD

Case # 49551
Cooler #: 1

No: 6-070621-143008-0001
Lab: Southwest Research Institute
Lab Contact: Daniel Ramirez
Lab Phone: 210-522-5428

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
SS-08	F3B54	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1043 (4 C), 1044 (4 C) (2)	SS-08	07/13/2021 12:20	
SS-09	F3B55	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1046 (4 C), 1047 (4 C), 1049 (4 C), 1105 (4 C) (4)	SS-09	07/13/2021 11:37	
SSBK-01	F3B56	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1051 (4 C), 1052 (4 C) (2)	SSBK-01	07/13/2021 13:18	

Sample(s) to be used for Lab QC: SS-09 Tag 1049, SS-09 Tag 1105 - Special Instructions: SVOA and ARO analysis by SFAM01.1 Sample(s) to be used for Lab QC: SS-09 Tag 1049, 1105

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: ARO=CLP Aroclors, SVOA=CLP Semivolatiles

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Anna Gayle	Anna Gayle, DEQ	18:00	Daniel Ramirez/SwRI	7.14.21 10:40	Intact

Client: US EPA SwRI Project # 26219.01.001
SwRI SRR # 66831 F3B59
VTSR: 07/14/21
Sample(s) received intact. Temp: 1.2°C

SWRI

USEPA CLP COC (LAB COPY)
DateShipped: 7/13/2021
CarrierName: FedEx
AirbillNo: 7742 4847 8764

CHAIN OF CUSTODY RECORD

Case # 49551
Cooler #: 2

No: 6-070621-161816-0002
Lab: Southwest Research Institute
Lab Contact: Daniel Ramirez
Lab Phone: 210-522-5428

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
SBS-01	F3B40	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1000 (4 C), 1001 (4 C) (2)	SBS-01	07/13/2021 10:36	
SBS-02	F3B41	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1004 (4 C), 1005 (4 C) (2)	SBS-02	07/13/2021 11:17	
SBS-03	F3B42	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1007 (4 C), 1008 (4 C) (2)	SBS-03	07/13/2021 09:23	
SBS-04	F3B43	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1010 (4 C), 1011 (4 C) (2)	SBS-04	07/13/2021 12:40	
SBS-05	F3B44	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1013 (4 C), 1014 (4 C) (2)	SBS-05	07/13/2021 12:47	
SBS-06	F3B45	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1016 (4 C), 1017 (4 C) (2)	SBS-06	07/13/2021 12:26	
SBSBK-01	F3B46	Soil/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1019 (4 C), 1020 (4 C) (2)	SBSBK-01	07/13/2021 13:24	

Special Instructions: SVOA and ARO analysis by SFAM01.1

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: ARO=CLP Aroclors, SVOA=CLP Semivolatiles

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Samples	Anna Griffiths, DEQ	18:00	Daniel Ramirez/SwRI	7.14.21 10:40	Intact

Client: US EPA SwRI Project # 26219.01.001
SwRI SRR # 66831 F3B59
VTSR: 07/14/21
Sample(s) received intact. Temp: 1.5°C

SwRI

USEPA CLP COC (LAB COPY)
DateShipped: 7/13/2021
CarrierName: FedEx
AirbillNo: 7742 4847 8764

CHAIN OF CUSTODY RECORD

Case # 49551
Cooler #: 2

No: 6-070621-161816-0002
Lab: Southwest Research Institute
Lab Contact: Daniel Ramirez
Lab Phone: 210-522-5428

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
SD-06	F3B62	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1075 (4 C), 1076 (4 C) (2)	SD-06	07/13/2021 11:44	
SD-07	F3B63	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1078 (4 C), 1079 (4 C) (2)	SD-07	07/13/2021 11:47	
SD-08	F3B64	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1081 (4 C), 1082 (4 C) (2)	SD-08	07/13/2021 12:00	
SD-09	F3B65	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1084 (4 C), 1085 (4 C) (2)	SD-09	07/13/2021 12:08	
SD-10	F3B66	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1087 (4 C), 1088 (4 C) (2)	SD-10	07/13/2021 12:15	

Special Instructions: SVOA and ARO analysis by SFAM01.1

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: ARO=CLP Aroclors, SVOA=CLP Semivolatiles

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
samples	AGriffiths, DEQ	18:00	Daniel Ramirez/SwRI	7.14.21/10:40	Intact

Client: US EPA SwRI Project # 26219.01.001
SwRI SRR # 66831 F3B59
VTSR: 07/14/21
Sample(s) received intact. Temp: 1.5°C

SwRI

USEPA CLP COC (LAB COPY)
DateShipped: 7/13/2021
CarrierName: FedEx
AirbillNo: 7742 4847 8319

CHAIN OF CUSTODY RECORD

Case # 49551
Cooler #: 3

No: 6-070621-162046-0003
Lab: Southwest Research Institute
Lab Contact: Daniel Ramirez
Lab Phone: 210-522-5428

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
SD-01	F3B57	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1056 (4 C), 1057 (4 C) (2)	SD-01	07/13/2021 09:33	
SD-02	F3B58	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1059 (4 C), 1060 (4 C) (2)	SD-02	07/13/2021 10:15	
SD-03	F3B59	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1062 (4 C), 1063 (4 C), 1065 (4 C), 1106 (4 C) (4)	SD-03	07/13/2021 10:24	
SD-04	F3B60	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1067 (4 C), 1068 (4 C) (2)	SD-04	07/13/2021 11:01	
SD-05	F3B61	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1072 (4 C), 1073 (4 C) (2)	SD-05	07/13/2021 11:30	
SDBK-01	F3B67	Sediment/ Anna Gayle Griffiths, DEQ	Grab	ARO(21), SVOA(21)	1090 (4 C), 1091 (4 C) (2)	SDBK-01	07/13/2021 13:05	

Sample(s) to be used for Lab QC: SD-03 Tag 1065, SD-03 Tag 1106 - Special Instructions: SVOA and ARO analysis by SFAM01.1 Sample(s) to be used for Lab QC: SD-03 Tag 1065, 1106

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: ARO=CLP Aroclors, SVOA=CLP Semivolatiles

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Samples	agaya, DEQ	18:00	Daniel Ramirez/SwRI	7.14.21 1040/SwRI	Intact

Client: US EPA SwRI Project # 26219.01.001
SwRI SRR # 66831 F3B59
VTSR: 07/14/21
Sample(s) received intact. Temp: 1.6°C

USEPA CLP COC (LAB COPY)
DateShipped: 7/13/2021
CarrierName: FedEx
AirbillNo: 7742 4847 8558

CHAIN OF CUSTODY RECORD

Case # 49551
Cooler #: 4

No: 6-070621-163211-0004
Lab: Southwest Research Institute
Lab Contact: Daniel Ramirez
Lab Phone: 210-522-5428

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
SW-01	F3B68	Surface Water/ Anna Gayle Griffiths, DEQ	Grab	SVOA(21)	1094 (4 C), 1107 (4 C) (2)	SW-01	07/13/2021 09:30	
SW-02	F3B69	Surface Water/ Anna Gayle Griffiths, DEQ	Grab	SVOA(21)	1097 (4 C), 1108 (4 C) (2)	SW-02	07/13/2021 10:50	
SW-03	F3B70	Surface Water/ Anna Gayle Griffiths, DEQ	Grab	SVOA(21)	1100 (4 C), 1109 (4 C) (2)	SW-03	07/13/2021 10:55	
SWBK-01	F3B71	Surface Water/ Anna Gayle Griffiths, DEQ	Grab	SVOA(21)	1102 (4 C), 1110 (4 C) (2)	SWBK-01	07/13/2021 13:00	

Special Instructions: SVOA and ARO analysis by SFAM01.1

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: SVOA=CLP Semivolatiles

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Samples	Anna Gayle, DEQ	18:00	David Ramirez/SwRI	7.14.21/10:40	Intact

Client: US EPA SwRI Project # 26219.01.001
SwRI SRR # 66831 F3B59
VTSR: 07/14/21
Sample(s) received intact. Temp: 1.5°C

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE RD.
HOUSTON, TEXAS 77099

September 1, 2021

MEMORANDUM

SUBJECT: Contract Laboratory Program Data Review

RAYMOND FLORES Digitally signed by RAYMOND FLORES
Date: 2021.09.01 07:35:57 -05'00'

FROM: Raymond Flores, ESAT Regional Project Officer
Laboratory Services and Applied Science Division (6LASBE)

TO: Philip Ofosu, Superfund Project Manager (6SEDAS)

Site: **STREET & PERFORMANCE**

Case#: **49551**

SDG#: **F3B68**

The EPA Region 6 Environmental Services Branch ESAT data review team has completed a review of the submitted Contract Laboratory Program (CLP) data package for the referenced site. The samples analyzed and reviewed are detailed in the attached Regional data review report.

The data package is acceptable for regional use. Problems, if any, are listed in the report narrative. If you have any questions regarding the data review report, please contact me at (281) 983-2139.

ENVIRONMENTAL SERVICES ASSISTANCE TEAM

Serco, Inc.

ESAT Region 6
10625 Fallstone Road
Houston, TX 77099

MEMORANDUM

DATE: August 24, 2021

TO: Raymond Flores, ESAT PO, EPA Region 6

FROM: Ying-Ping Hsieh, Data Reviewer, ESAT YH

THRU: Dominic G. Jarecki, ESAT Program Manager, ESAT DGJ

SUBJECT: CLP Data Review

Contract No.:	68HE0121D0003
TO No.:	001
Task/Sub-Task:	2-6
ESAT Doc. No.:	0001-206-0019
TDF No.:	6-21-056A
ESAT File No.:	O-1549

Attached is the data review summary for Case # 49551
SDG # F3B68
Site Street & Performance, Inc.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE ROAD
HOUSTON, TEXAS 77099
ORGANIC REGIONAL DATA ASSESSMENT

CASE NO.	49551	SITE	Street & Performance, Inc.
LABORATORY	SRI	NO. OF SAMPLES	4
CONTRACT#	68HERH20D0016	MATRIX	Water
SDG#	F3B68	REVIEWER (IF NOT ESB)	ESAT
SOW#	SFAM01.1	REVIEWER'S NAME	Ying-Ping Hsieh
SF#	303DD2A6PY	COMPLETION DATE	August 24, 2021

SAMPLE NO.					
	F3B68				
	F3B69				
	F3B70				
	F3B71				

DATA ASSESSMENT SUMMARY

		SVOA
1.	HOLDING TIMES	O
2.	GC/MS TUNE/INSTR. PERFORM.	O
3.	CALIBRATIONS	O
4.	BLANKS	O
5.	DMC/SURROGATES	O
6.	MATRIX SPIKE/DUPLICATE/LCS	O
7.	OTHER QC	N/A
8.	INTERNAL STANDARDS	O
9.	COMPOUND ID/QUANTITATION	O
10.	PERFORMANCE/COMPLETENESS	O
11.	OVERALL ASSESSMENT	O

O = Data had no problems.
M = Data qualified because of major or minor problems.
Z = Data unacceptable.
NA = Not applicable.

ACTION ITEMS:

AREA OF CONCERN:

COMMENTS/CLARIFICATIONS
REGION 6 CLP QA REVIEW

CASE 49551 **SDG** F3B68 **SITE** Street & Performance, Inc. **LAB** SRI

COMMENTS: This SDG consisted of four water samples for SVOA analysis following CLP SOW SFAM01.1. MS/MSD analyses were not requested for this SDG. However, the laboratory performed MS/MSD analyses on sample F3B68.

S4VEM Review was performed for this package as requested by the Region. No target analyte was detected in the samples of this SDG.

OVERALL ASSESSMENT: All results are acceptable. ESAT's final data qualifiers in the DST indicate the technical usability of all reported sample results. An Evidence Audit was conducted for the CSF, and the audit results were reported on the Evidence Inventory Checklist. The DST included in this report is the final version.

ORGANIC ACRONYMS

%D	Percent Difference
%RSD	Percent Relative Standard Deviation
ARO	Aroclors
BFB	4-Bromofluorobenzene
BNA	Base/Neutral and Acid
CCS	Contract Compliance Screening
CCV	Continuing Calibration Verification
CF	Calibration Factor
CRQL	Contract Required Quantitation Limit
CSF	Complete SDG File
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenylphosphine
DMC	Deuterated Monitoring Compound
DST	Data Summary Table
EDM	EXES Data Manager
GC/ECD	Gas Chromatograph/Electron Capture Detector
GC/MS	Gas Chromatograph/Mass Spectrometer
GPC	Gel Permeation Chromatography
IC	Initial Calibration
INDA(B,C)	Individual Standard Mixture A(or B or C)
IS	Internal Standard
LCS	Laboratory Control Sample
LMVOA	Low/Medium Volatile Organic Analysis
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NFG	National Functional Guidelines
OTR/COC	Organic Traffic Report/Chain of Custody
PAH	Polynuclear Aromatic Hydrocarbon
PE	Performance Evaluation
PEM	Performance Evaluation Mixture
PEST	Pesticides
QA	Quality Assurance
QC	Quality Control
QL	Quantitation Limit
RIC	Reconstructed Ion Chromatogram
RPD	Relative Percent Difference
RRF	Relative Response Factor
RRT	Relative Retention Time
RSCC	Regional Sample Control Center
RT	Retention Time
S3VEM	Stage 3 Validation Electronic and Manual (previously called Modified CADRE Review)
S4VEM	Stage 4 Validation Electronic and Manual (previously called Standard Review)
SDG	Sample Delivery Group
SDMC	Semivolatile Deuterated Monitoring Compound
SIM	Selected Ion Monitoring
SMO	Sample Management Office
SOW	Statement of Work
SQL	Sample Quantitation Limit
SVOA	Semivolatile Organic Analysis
TCL	Target Compound List
TCX	Tetrachloro-m-xylene
TIC	Tentatively Identified Compound
TVOA	Trace Volatile Organic Analysis
VDMC	Volatile Deuterated Monitoring Compound
VOA	Volatile Organic Analysis

HEADER DEFINITIONS FOR ORGANIC EXCEL DST

CASE: Case Number

SDG: SDG Number

EPASAMP: EPA Sample Number

LABID: Laboratory File/Sample ID

MATRIX: Sample Matrix

ANDATE: Sample Analysis Date

ANTIME: Sample Analysis Time

CASNUM: Compound CAS Number

ANALYTE: Compound Name

CONC: Compound Concentration

VALDQAL: Region 6 Organic Data Validation Qualifier (see Organic Data Qualifier Definitions on the next page)

UNITS: Concentration Units

ADJCRQL: Adjusted Contract Required Quantitation Limit Value

SMPDATE: Sampling Date

STATLOC: Station Location

DVLEV: Data Validation Level

Disclaimer: ESAT verified the accuracy of the information reported in the Excel DST only for the following data fields: CASE, SDG, EPASAMP, MATRIX, ANALYTE, CONC, UNITS, VALDQAL, and ADJCRQL. The data qualifiers in the VALDQAL column indicate the technical usability of the reported results.

ORGANIC DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the ESAT-Region 6 qualifiers assigned to results in the Data Summary Table.

U Not detected at reported quantitation limit.

N Identification is tentative.

J Estimated value.

L Reported concentration is below the CRQL.

M Reported concentration should be used as a raised quantitation limit because of interferences and/or laboratory contamination.

R Unusable.

+ High biased. Actual concentration may be lower than the concentration reported.

- Low biased. Actual concentration may be higher than the concentration reported.

F+ A false positive exists.

F- A false negative exists.

UJ Estimated quantitation limit.

T Identification is questionable because of absence of other commonly coexisting pesticides.

C Identification of pesticide or Aroclor has been confirmed by Gas Chromatography/Mass Spectrometer (GC/MS).

X Identification of pesticide or Aroclor could not be confirmed by GC/MS when attempted.

***** Result not recommended for use because of associated QA/QC performance inferior to that from other analysis.

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC	DVLEV
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	123-91-1	1,4-Dioxane	1.9	U	ug/L	1.9	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	100-52-7	Benzaldehyde	9.4	U	ug/L	9.4	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	108-95-2	Phenol	9.4	U	ug/L	9.4	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	111-44-4	Bis(2-chloroethyl)ether	9.4	U	ug/L	9.4	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	95-57-8	2-Chlorophenol	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	95-48-7	2-Methylphenol	9.4	U	ug/L	9.4	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	108-60-1	2,2'-Oxybis(1-chloropropane)	9.4	U	ug/L	9.4	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	98-86-2	Acetophenone	9.4	U	ug/L	9.4	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	106-44-5	4-Methylphenol	9.4	U	ug/L	9.4	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	621-64-7	N-Nitroso-di-n propylamine	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	67-72-1	Hexachloroethane	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	98-95-3	Nitrobenzene	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	78-59-1	Isophorone	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	88-75-5	2-Nitrophenol	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	105-67-9	2,4-Dimethylphenol	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	111-91-1	Bis(2-chloroethoxy)methane	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	120-83-2	2,4-Dichlorophenol	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	91-20-3	Naphthalene	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	106-47-8	4-Chloroaniline	9.4	U	ug/L	9.4	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	87-68-3	Hexachlorobutadiene	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	105-60-2	Caprolactam	9.4	U	ug/L	9.4	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	59-50-7	4-Chloro-3-methylphenol	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	90-12-0	1-Methylnaphthalene	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	91-57-6	2-Methylnaphthalene	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	77-47-4	Hexachlorocyclo-pentadiene	9.4	U	ug/L	9.4	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	88-06-2	2,4,6-Trichlorophenol	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	95-95-4	2,4,5-Trichlorophenol	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	92-52-4	1,1'-Biphenyl	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	91-58-7	2-Chloronaphthalene	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	88-74-4	2-Nitroaniline	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	131-11-3	Dimethylphthalate	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	606-20-2	2,6-Dinitrotoluene	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	208-96-8	Acenaphthylene	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	99-09-2	3-Nitroaniline	9.4	U	ug/L	9.4	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	83-32-9	Acenaphthene	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	51-28-5	2,4-Dinitrophenol	9.4	U	ug/L	9.4	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	100-02-7	4-Nitrophenol	9.4	U	ug/L	9.4	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	132-64-9	Dibenzofuran	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	121-14-2	2,4-Dinitrotoluene	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	84-66-2	Diethylphthalate	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	86-73-7	Fluorene	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	7005-72-3	4-Chlorophenyl-phenylether	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	100-01-6	4-Nitroaniline	9.4	U	ug/L	9.4	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	534-52-1	4,6-Dinitro-2-methylphenol	9.4	U	ug/L	9.4	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	86-30-6	N-Nitrosodiphenylamine	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	95-94-3	1,2,4,5-Tetrachlorobenzene	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	101-55-3	4-Bromophenyl-phenylether	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM

49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	118-74-1	Hexachlorobenzene	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	1912-24-9	Atrazine	9.4	U	ug/L	9.4	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	87-86-5	Pentachlorophenol	9.4	U	ug/L	9.4	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	85-01-8	Phenanthrene	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	120-12-7	Anthracene	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	86-74-8	Carbazole	9.4	U	ug/L	9.4	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	84-74-2	Di-n-butylphthalate	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	206-44-0	Fluoranthene	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	129-00-0	Pyrene	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	85-68-7	Butylbenzylphthalate	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	91-94-1	3,3'-Dichlorobenzidine	9.4	U	ug/L	9.4	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	56-55-3	Benzo(a)anthracene	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	218-01-9	Chrysene	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	117-81-7	Bis(2-ethylhexyl)phthalate	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	117-84-0	Di-n-octylphthalate	9.4	U	ug/L	9.4	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	205-99-2	Benzo(b)fluoranthene	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	207-08-9	Benzo(k)fluoranthene	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	50-32-8	Benzo(a)pyrene	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	193-39-5	Indeno[1,2,3-cd]pyrene	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	53-70-3	Dibenzo(a,h)anthracene	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	191-24-2	Benzo(g,h,i)perylene	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B68	681461	W	08/09/2021	19:50:00	58-90-2	2,3,4,6-Tetrachlorophenol	4.7	U	ug/L	4.7	07/13/2021	SW-01	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	123-91-1	1,4-Dioxane	1.9	U	ug/L	1.9	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	100-52-7	Benzaldehyde	9.4	U	ug/L	9.4	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	108-95-2	Phenol	9.4	U	ug/L	9.4	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	111-44-4	Bis(2-chloroethyl)ether	9.4	U	ug/L	9.4	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	95-57-8	2-Chlorophenol	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	95-48-7	2-Methylphenol	9.4	U	ug/L	9.4	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	108-60-1	2,2'-Oxybis(1-chloropropane)	9.4	U	ug/L	9.4	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	98-86-2	Acetophenone	9.4	U	ug/L	9.4	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	106-44-5	4-Methylphenol	9.4	U	ug/L	9.4	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	621-64-7	N-Nitroso-di-n propylamine	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	67-72-1	Hexachloroethane	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	98-95-3	Nitrobenzene	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	78-59-1	Isophorone	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	88-75-5	2-Nitrophenol	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	105-67-9	2,4-Dimethylphenol	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	111-91-1	Bis(2-chloroethoxy)methane	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	120-83-2	2,4-Dichlorophenol	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	91-20-3	Naphthalene	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	106-47-8	4-Chloroaniline	9.4	U	ug/L	9.4	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	87-68-3	Hexachlorobutadiene	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	105-60-2	Caprolactam	9.4	U	ug/L	9.4	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	59-50-7	4-Chloro-3-methylphenol	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	90-12-0	1-Methylnaphthalene	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	91-57-6	2-Methylnaphthalene	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	77-47-4	Hexachlorocyclo-pentadiene	9.4	U	ug/L	9.4	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	88-06-2	2,4,6-Trichlorophenol	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM

49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	95-95-4	2,4,5-Trichlorophenol	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	92-52-4	1,1'-Biphenyl	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	91-58-7	2-Chloronaphthalene	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	88-74-4	2-Nitroaniline	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	131-11-3	Dimethylphthalate	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	606-20-2	2,6-Dinitrotoluene	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	208-96-8	Acenaphthylene	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	99-09-2	3-Nitroaniline	9.4	U	ug/L	9.4	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	83-32-9	Acenaphthene	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	51-28-5	2,4-Dinitrophenol	9.4	U	ug/L	9.4	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	100-02-7	4-Nitrophenol	9.4	U	ug/L	9.4	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	132-64-9	Dibenzofuran	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	121-14-2	2,4-Dinitrotoluene	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	84-66-2	Diethylphthalate	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	86-73-7	Fluorene	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	7005-72-3	4-Chlorophenyl-phenylether	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	100-01-6	4-Nitroaniline	9.4	U	ug/L	9.4	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	534-52-1	4,6-Dinitro-2-methylphenol	9.4	U	ug/L	9.4	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	86-30-6	N-Nitrosodiphenylamine	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	95-94-3	1,2,4,5-Tetrachlorobenzene	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	101-55-3	4-Bromophenyl-phenylether	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	118-74-1	Hexachlorobenzene	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	1912-24-9	Atrazine	9.4	U	ug/L	9.4	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	87-86-5	Pentachlorophenol	9.4	U	ug/L	9.4	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	85-01-8	Phenanthrene	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	120-12-7	Anthracene	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	86-74-8	Carbazole	9.4	U	ug/L	9.4	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	84-74-2	Di-n-butylphthalate	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	206-44-0	Fluoranthene	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	129-00-0	Pyrene	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	85-68-7	Butylbenzylphthalate	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	91-94-1	3,3'-Dichlorobenzidine	9.4	U	ug/L	9.4	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	56-55-3	Benzo(a)anthracene	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	218-01-9	Chrysene	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	117-81-7	Bis(2-ethylhexyl)phthalate	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	117-84-0	Di-n-octylphthalate	9.4	U	ug/L	9.4	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	205-99-2	Benzo(b)fluoranthene	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	207-08-9	Benzo(k)fluoranthene	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	50-32-8	Benzo(a)pyrene	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	193-39-5	Indeno[1,2,3-cd]pyrene	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	53-70-3	Dibenzo(a,h)anthracene	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	191-24-2	Benzo(g,h,i)perylene	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B69	681462	W	08/09/2021	21:38:00	58-90-2	2,3,4,6-Tetrachlorophenol	4.7	U	ug/L	4.7	07/13/2021	SW-02	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	123-91-1	1,4-Dioxane	2.0	U	ug/L	2.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	100-52-7	Benzaldehyde	9.9	U	ug/L	9.9	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	108-95-2	Phenol	9.9	U	ug/L	9.9	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	111-44-4	Bis(2-chloroethyl)ether	9.9	U	ug/L	9.9	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	95-57-8	2-Chlorophenol	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM

49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	95-48-7	2-Methylphenol	9.9	U	ug/L	9.9	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	108-60-1	2,2'-Oxybis(1-chloropropane)	9.9	U	ug/L	9.9	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	98-86-2	Acetophenone	9.9	U	ug/L	9.9	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	106-44-5	4-Methylphenol	9.9	U	ug/L	9.9	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	621-64-7	N-Nitroso-di-n propylamine	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	67-72-1	Hexachloroethane	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	98-95-3	Nitrobenzene	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	78-59-1	Isophorone	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	88-75-5	2-Nitrophenol	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	105-67-9	2,4-Dimethylphenol	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	111-91-1	Bis(2-chloroethoxy)methane	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	120-83-2	2,4-Dichlorophenol	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	91-20-3	Naphthalene	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	106-47-8	4-Chloroaniline	9.9	U	ug/L	9.9	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	87-68-3	Hexachlorobutadiene	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	105-60-2	Caprolactam	9.9	U	ug/L	9.9	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	59-50-7	4-Chloro-3-methylphenol	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	90-12-0	1-Methylnaphthalene	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	91-57-6	2-Methylnaphthalene	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	77-47-4	Hexachlorocyclo-pentadiene	9.9	U	ug/L	9.9	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	88-06-2	2,4,6-Trichlorophenol	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	95-95-4	2,4,5-Trichlorophenol	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	92-52-4	1,1'-Biphenyl	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	91-58-7	2-Chloronaphthalene	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	88-74-4	2-Nitroaniline	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	131-11-3	Dimethylphthalate	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	606-20-2	2,6-Dinitrotoluene	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	208-96-8	Acenaphthylene	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	99-09-2	3-Nitroaniline	9.9	U	ug/L	9.9	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	83-32-9	Acenaphthene	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	51-28-5	2,4-Dinitrophenol	9.9	U	ug/L	9.9	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	100-02-7	4-Nitrophenol	9.9	U	ug/L	9.9	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	132-64-9	Dibenzofuran	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	121-14-2	2,4-Dinitrotoluene	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	84-66-2	Diethylphthalate	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	86-73-7	Fluorene	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	7005-72-3	4-Chlorophenyl-phenylether	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	100-01-6	4-Nitroaniline	9.9	U	ug/L	9.9	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	534-52-1	4,6-Dinitro-2-methylphenol	9.9	U	ug/L	9.9	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	86-30-6	N-Nitrosodiphenylamine	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	95-94-3	1,2,4,5-Tetrachlorobenzene	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	101-55-3	4-Bromophenyl-phenylether	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	118-74-1	Hexachlorobenzene	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	1912-24-9	Atrazine	9.9	U	ug/L	9.9	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	87-86-5	Pentachlorophenol	9.9	U	ug/L	9.9	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	85-01-8	Phenanthrene	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	120-12-7	Anthracene	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	86-74-8	Carbazole	9.9	U	ug/L	9.9	07/13/2021	SW-03	S4VEM

49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	84-74-2	Di-n-butylphthalate	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	206-44-0	Fluoranthene	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	129-00-0	Pyrene	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	85-68-7	Butylbenzylphthalate	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	91-94-1	3,3'-Dichlorobenzidine	9.9	U	ug/L	9.9	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	56-55-3	Benzo(a)anthracene	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	218-01-9	Chrysene	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	117-81-7	Bis(2-ethylhexyl)phthalate	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	117-84-0	Di-n-octylphthalate	9.9	U	ug/L	9.9	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	205-99-2	Benzo(b)fluoranthene	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	207-08-9	Benzo(k)fluoranthene	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	50-32-8	Benzo(a)pyrene	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	193-39-5	Indeno[1,2,3-cd]pyrene	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	53-70-3	Dibenzo(a,h)anthracene	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	191-24-2	Benzo(g,h,i)perylene	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B70	681463	W	08/09/2021	22:14:00	58-90-2	2,3,4,6-Tetrachlorophenol	5.0	U	ug/L	5.0	07/13/2021	SW-03	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	123-91-1	1,4-Dioxane	1.9	U	ug/L	1.9	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	100-52-7	Benzaldehyde	9.5	U	ug/L	9.5	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	108-95-2	Phenol	9.5	U	ug/L	9.5	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	111-44-4	Bis(2-chloroethyl)ether	9.5	U	ug/L	9.5	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	95-57-8	2-Chlorophenol	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	95-48-7	2-Methylphenol	9.5	U	ug/L	9.5	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	108-60-1	2,2'-Oxybis(1-chloropropane)	9.5	U	ug/L	9.5	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	98-86-2	Acetophenone	9.5	U	ug/L	9.5	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	106-44-5	4-Methylphenol	9.5	U	ug/L	9.5	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	621-64-7	N-Nitroso-di-n propylamine	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	67-72-1	Hexachloroethane	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	98-95-3	Nitrobenzene	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	78-59-1	Isophorone	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	88-75-5	2-Nitrophenol	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	105-67-9	2,4-Dimethylphenol	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	120-83-2	2,4-Dichlorophenol	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	91-20-3	Naphthalene	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	106-47-8	4-Chloroaniline	9.5	U	ug/L	9.5	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	87-68-3	Hexachlorobutadiene	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	105-60-2	Caprolactam	9.5	U	ug/L	9.5	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	59-50-7	4-Chloro-3-methylphenol	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	90-12-0	1-Methylnaphthalene	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	91-57-6	2-Methylnaphthalene	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	77-47-4	Hexachlorocyclo-pentadiene	9.5	U	ug/L	9.5	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	88-06-2	2,4,6-Trichlorophenol	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	95-95-4	2,4,5-Trichlorophenol	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	92-52-4	1,1'-Biphenyl	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	91-58-7	2-Chloronaphthalene	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	88-74-4	2-Nitroaniline	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	131-11-3	Dimethylphthalate	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	606-20-2	2,6-Dinitrotoluene	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM

49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	208-96-8	Acenaphthylene	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	99-09-2	3-Nitroaniline	9.5	U	ug/L	9.5	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	83-32-9	Acenaphthene	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	51-28-5	2,4-Dinitrophenol	9.5	U	ug/L	9.5	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	100-02-7	4-Nitrophenol	9.5	U	ug/L	9.5	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	132-64-9	Dibenzofuran	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	121-14-2	2,4-Dinitrotoluene	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	84-66-2	Diethylphthalate	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	86-73-7	Fluorene	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	7005-72-3	4-Chlorophenyl-phenylether	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	100-01-6	4-Nitroaniline	9.5	U	ug/L	9.5	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	534-52-1	4,6-Dinitro-2-methylphenol	9.5	U	ug/L	9.5	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	86-30-6	N-Nitrosodiphenylamine	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	101-55-3	4-Bromophenyl-phenylether	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	118-74-1	Hexachlorobenzene	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	1912-24-9	Atrazine	9.5	U	ug/L	9.5	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	87-86-5	Pentachlorophenol	9.5	U	ug/L	9.5	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	85-01-8	Phenanthrene	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	120-12-7	Anthracene	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	86-74-8	Carbazole	9.5	U	ug/L	9.5	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	206-44-0	Fluoranthene	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	129-00-0	Pyrene	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	85-68-7	Butylbenzylphthalate	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	91-94-1	3,3'-Dichlorobenzidine	9.5	U	ug/L	9.5	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	56-55-3	Benzo(a)anthracene	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	218-01-9	Chrysene	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	117-81-7	Bis(2-ethylhexyl)phthalate	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	117-84-0	Di-n-octylphthalate	9.5	U	ug/L	9.5	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	205-99-2	Benzo(b)fluoranthene	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	207-08-9	Benzo(k)fluoranthene	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	50-32-8	Benzo(a)pyrene	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	193-39-5	Indeno[1,2,3-cd]pyrene	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	53-70-3	Dibenzo(a,h)anthracene	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	191-24-2	Benzo(g,h,i)perylene	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM
49551	F3B68	F3B71	681464	W	08/09/2021	22:50:00	58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U	ug/L	4.8	07/13/2021	SWBK-01	S4VEM

INORGANIC/ORGANIC COMPLETE SDG FILE (CSF) INVENTORY CHECKLIST

Case No. 49551 SDG No. F3B68 SDG Nos. To Follow Mod. Ref No. Date Rec 8/18/21

EPA Lab ID: SRI

Lab Location: San Antonio, TX

Region: 6 Audit No.: 49551/F3B68

Re_Submitted CSF? Yes No X

Box No(s): 1

COMMENTS:

Item Description

14./15. The sampler did not use sample tags for this case.

Over for additional comments.

ORIGINALS	YES	NO	N/A
CUSTODY SEALS			
1. Present on package?	X		
2. Intact upon receipt?	X		
FORM DC-2			
3. Numbering scheme accurate?	X		
4. Are enclosed documents listed?	X		
5. Are listed documents enclosed?	X		
FORM DC-1			
6. Present?	X		
7. Complete?	X		
8. Accurate?	X		
TRAFFIC REPORT /CHAIN-OF-CUSTODY RECORD(s)			
9. Signed?	X		
10. Dated?	X		
AIRBILLS/AIRBILL STICKER			
11. Present?	X		
12. Signed?	X		
13. Dated?	X		
SAMPLE TAGS			
14. Does DC-1 list tags as being included?			X
15. Present?			X
OTHER DOCUMENTS			
16. Complete?	X		
17. Legible?	X		
18. Original?		X	
18a. If "NO", does the copy indicate where original documents are located?	X		

Audited by: Ying-Ping Hsieh Ying-Ping Hsieh / ESAT Data Reviewer Date 8/19/2021

Audited by: Date

Signature Printed Name/Title

DC-2__

USEPA CLP COC (LAB COPY)
DateShipped: 7/13/2021
CarrierName: FedEx
AirbillNo: 7742 4847 8558

CHAIN OF CUSTODY RECORD

Case # 49551
Cooler #: 4

No: 6-070621-163211-0004
Lab: Southwest Research Institute
Lab Contact: Daniel Ramirez
Lab Phone: 210-522-5428

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
SW-01	F3B68	Surface Water/ Anna Gayle Griffiths, DEQ	Grab	SVOA(21)	1094 (4 C), 1107 (4 C) (2)	SW-01	07/13/2021 09:30	
SW-02	F3B69	Surface Water/ Anna Gayle Griffiths, DEQ	Grab	SVOA(21)	1097 (4 C), 1108 (4 C) (2)	SW-02	07/13/2021 10:50	
SW-03	F3B70	Surface Water/ Anna Gayle Griffiths, DEQ	Grab	SVOA(21)	1100 (4 C), 1109 (4 C) (2)	SW-03	07/13/2021 10:55	
SWBK-01	F3B71	Surface Water/ Anna Gayle Griffiths, DEQ	Grab	SVOA(21)	1102 (4 C), 1110 (4 C) (2)	SWBK-01	07/13/2021 13:00	

Special Instructions: SVOA and ARO analysis by SFAM01.1

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: SVOA=CLP Semivolatiles

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Samples	apayla, DEQ	18:00	Daniel Ramirez/SwRI	7.14.21/10:40	Intact

Client: US EPA SwRI Project # 26219.01.001
SwRI SRR # 66831 F3B68
VTSR: 07/14/21
Sample(s) received intact. Temp: 1.5°C

SwRI

APPENDIX B

EPA REGION 6 REGIONAL SCREENING LEVELS SUMMARY TABLE

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user's guide; U = user provided; ca = cancer; nc = noncancer; * = where: nc SL < 100X ca SL; ** = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

Toxicity and Chemical-specific Information													Contaminant		Screening Levels												Protection of Groundwater SSLs		
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	mutagen	GIABS	ABS_d	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m^3)	key	Industrial Air (ug/m^3)	key	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
				3.0E-04	O					1	0.1		Acephate	30560-19-1	1.9E+01	n	2.5E+02	n					6.0E+00	n		1.3E-03	n	
		2.2E-06	I			9.0E-03	I	V		1		1.1E+05	Acetaldehyde	75-07-0	1.1E+01	c**	4.9E+01	c**	1.3E+00	c**	5.6E+00	c**	2.6E+00	c**		5.2E-04	c**	
				2.0E-02	I					1	0.1		Acetochlor	34256-82-1	1.3E+03	n	1.6E+04	n					3.5E+02	n		2.8E-01	n	
				9.0E-01	I			V		1		1.1E+05	Acetone	67-64-1	7.0E+04	n	1.1E+06	nms					1.8E+04	n		3.7E+00	n	
						2.0E-03	X			1	0.1		Acetone Cyanohydrin	75-86-5	2.8E+06	nm	1.2E+07	nm	2.1E+00	n	8.8E+00	n						
						6.0E-02	I	V		1		1.3E+05	Acetonitrile	75-05-8	8.1E+02	n	3.4E+03	n	6.3E+01	n	2.6E+02	n	1.3E+02	n		2.6E-02	n	
				1.0E-01	I			V		1		2.5E+03	Acetophenone	98-86-2	7.8E+03	ns	1.2E+05	nms					1.9E+03	n		5.8E-01	n	
3.8E+00	C	1.3E-03	C							1	0.1		Acetylaminofluorene, 2-	53-96-3	1.4E-01	c	6.0E-01	c	2.2E-03	c	9.4E-03	c	1.6E-02	c		7.5E-05	c	
				5.0E-04	I	2.0E-05	I	V		1		2.3E+04	Acrolein	107-02-8	1.4E-01	n	6.0E-01	n	2.1E-02	n	8.8E-02	n	4.2E-02	n		8.4E-06	n	
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I		M	1	0.1		Acrylamide	79-06-1	2.4E-01	c	4.6E+00	c	1.0E-02	c	1.2E-01	c	5.0E-02	c		1.1E-05	c	
				5.0E-01	I	2.0E-04	P	V		1		1.1E+05	Acrylic Acid	79-10-7	2.0E+01	n	8.3E+01	n	2.1E-01	n	8.8E-01	n	4.2E-01	n		8.5E-05	n	
5.4E-01	I	6.8E-05	I	1.0E-02	A	2.0E-03	I	V		1		1.1E+04	Acrylonitrile	107-13-1	2.5E-01	c*	1.1E+00	c*	4.1E-02	c*	1.8E-01	c*	5.2E-02	c*		1.1E-05	c*	
						6.0E-03	P			1	0.1		Adiponitrile	111-69-3	8.5E+06	nm	3.6E+07	nm	6.3E+00	n	2.6E+01	n						
5.6E-02	C			1.0E-02	I					1	0.1		Alachlor	15972-60-8	9.7E+00	c*	4.1E+01	c					1.1E+00	c	2.0E+00	8.7E-04	c	1.6E-03
				1.0E-03	I					1	0.1		Aldicarb	116-06-3	6.3E+01	n	8.2E+02	n					2.0E+01	n	3.0E+00	4.9E-03	n	7.5E-04
				1.0E-03	I					1	0.1		Aldicarb Sulfone	1646-88-4	6.3E+01	n	8.2E+02	n					2.0E+01	n	2.0E+00	4.4E-03	n	4.4E-04
										1	0.1		Aldicarb sulfoxide	1646-87-3											4.0E+00			8.8E-04
1.7E+01	I	4.9E-03	I	3.0E-05	I			V		1			Aldrin	309-00-2	3.9E-02	c*	1.8E-01	c	5.7E-04	c	2.5E-03	c	9.2E-04	c		1.5E-04	c	
				4.0E-03	P	1.0E-04	X	V		1		1.1E+05	Allyl Alcohol	107-18-6	3.5E+00	n	1.5E+01	n	1.0E-01	n	4.4E-01	n	2.1E-01	n		4.2E-05	n	
2.1E-02	C	6.0E-06	C			1.0E-03	I	V		1		1.4E+03	Allyl Chloride	107-05-1	7.2E-01	c**	3.2E+00	c**	4.7E-01	c**	2.0E+00	c**	7.3E-01	c**		2.3E-04	c**	
				1.0E+00	P	5.0E-03	P			1			Aluminum	7429-90-5	7.7E+04	n	1.1E+06	nm	5.2E+00	n	2.2E+01	n	2.0E+04	n		3.0E+04	n	
				4.0E-04	I					1			Aluminum Phosphide	20859-73-8	3.1E+01	n	4.7E+02	n					8.0E+00	n				
				9.0E-03	I					1	0.1		Ametryn	834-12-8	5.7E+02	n	7.4E+03	n					1.5E+02	n		1.6E-01	n	
2.1E+01	C	6.0E-03	C							1	0.1		Aminobiphenyl, 4-	92-67-1	2.6E-02	c	1.1E-01	c	4.7E-04	c	2.0E-03	c	3.0E-03	c		1.5E-05	c	
				8.0E-02	P					1	0.1		Aminophenol, m-	591-27-5	5.1E+03	n	6.6E+04	n					1.6E+03	n		6.1E-01	n	
				4.0E-03	X					1	0.1		Aminophenol, o-	95-55-6	2.5E+02	n	3.3E+03	n					7.9E+01	n		3.0E-02	n	
				2.0E-02	P					1	0.1		Aminophenol, p-	123-30-8	1.3E+03	n	1.6E+04	n					4.0E+02	n		1.5E-01	n	
				2.5E-03	I					1	0.1		Amitraz	33089-61-1	1.6E+02	n	2.1E+03	n					8.2E+00	n		4.2E+00	n	
						5.0E-01	I	V		1			Ammonia	7664-41-7					5.2E+02	n	2.2E+03	n						
				2.0E-03	X					1	0.1		Ammonium Picrate	131-74-8	1.3E+02	n	1.6E+03	n					4.0E+01	n		1.9E-01	n	
				2.0E-01	I					1			Ammonium Sulfamate	7773-06-0	1.6E+04	n	2.3E+05	nm					4.0E+03	n				
						3.0E-03	X	V		1		1.4E+04	Amyl Alcohol, tert-	75-85-4	8.2E+01	n	3.4E+02	n	3.1E+00	n	1.3E+01	n	6.3E+00	n		1.3E-03	n	
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I			1	0.1		Aniline	62-53-3	9.5E+01	c**	4.0E+02	c*	1.0E+00	n	4.4E+00	n	1.3E+01	c*		4.6E-03	c*	
4.0E-02	P			2.0E-03	X					1	0.1		Anthraquinone, 9,10-	84-65-1	1.4E+01	c**	5.7E+01	c*					1.4E+00	c*		1.4E-02	c*	
				4.0E-04	I	3.0E-04	A			0.15			Antimony (metallic)	7440-36-0	3.1E+01	n	4.7E+02	n	3.1E-01	n	1.3E+00	n	7.8E+00	n	6.0E+00	3.5E-01	n	2.7E-01
				5.0E-04	H					0.15			Antimony Pentoxide	1314-60-9	3.9E+01	n	5.8E+02	n					9.7E+00	n				
				4.0E-04	H					0.15			Antimony Tetroxide	1332-81-6	3.1E+01	n	4.7E+02	n					7.8E+00	n				
						2.0E-04	I			0.15			Antimony Trioxide	1309-64-4	2.8E+05	nm	1.2E+06	nm	2.1E-01	n	8.8E-01	n						
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C			1	0.03		Arsenic, Inorganic	7440-38-2	6.8E-01	c*R	3.0E+00	cR	6.5E-04	c*	2.9E-03	c*	5.2E-02	c	1.0E+01	1.5E-03	c	2.9E-01
				3.5E-06	C	5.0E-05	I			1			Arsine	7784-42-1	2.7E-01	n	4.1E+00	n	5.2E-02	n	2.2E-01	n	7.0E-02	n				
										1			Asbestos (units in fibers)	1332-21-4											7.0E+06(G)			
				3.6E-01	O					1	0.1		Asulam	3337-71-1	2.3E+04	n	3.0E+05	nm					7.2E+03	n		1.8E+00	n	
2.3E-01	C			3.0E-03	A					1	0.1		Atrazine	1912-24-9	2.4E+00	c*	1.0E+01	c					3.0E-01	c	3.0E+00	2.0E-04	c	1.9E-03
8.8E-01	C	2.5E-04	C							1	0.1		Auramine	492-80-8	6.2E-01	c	2.6E+00	c	1.1E-02	c	4.9E-02	c	7.8E-02	c		7.1E-04	c	
				4.0E-04	I					1	0.1		Avermectin B1	65195-55-3	2.5E+01	n	3.3E+02	n					8.0E+00	n		1.4E+01	n	
				3.0E-03	A	1.0E-02	A			1	0.1		Azinphos-methyl	86-50-0	1.9E+02	n	2.5E+03	n	1.0E+01	n	4.4E+01	n	5.6E+01	n		1.7E-02	n	
1.1E-01	I	3.1E-05	I					V		1			Azobenzene	103-33-3	5.6E+00	c	2.6E+01	c	9.1E-02	c	4.0E-01	c	1.2E-01	c		9.3E-04	c	
				1.0E+00	P	7.0E-06	P			1	0.1		Azodicarbonamide	123-77-3	8.6E+03	n	4.0E+04	n	7.3E-03	n	3.1E-02	n	2.0E+04	n		6.8E+00	n	
				2.0E-01	I	5.0E-04	H			0.07			Barium	7440-39-3	1.5E+04	n	2.2E+05	nm	5.2E-01	n	2.2E+00	n	3.8E+03	n	2.0E+03	1.6E+02	n	8.2E+01
				5.0E-03	O			V		1			Benfluralin	1861-40-1	3.9E+02	n	5.8E+03	n					2.8E+01	n		9.4E-01	n	
				5.0E-02	I					1	0.1		Benomyl	17804-35-2	3.2E+03	n	4.1E+04	n					9.7E+02	n		8.5E-01	n	
				2.0E-01	I					1	0.1		Bensulfuron-methyl	83055-99-6	1.3E+04	n	1.6E+05	nm					3.9E+03	n		1.0E+00	n	
				3.0E-02	I					1	0.1		Bentazon	25057-89-0	1.9E+03	n	2.5E+04	n					5.7E+02	n		1.2E-01	n	
4.0E-03	P			1.0E-01	I			V		1		1.2E+03	Benzaldehyde	100-52-7	1.7E+02	c*	8.2E+02	c					1.9E+01	c		4.1E-03	c	
5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V		1		1.8E+03	Benzene	71-43-2	1.2E+00	c*	5.1E+00	c*	3.6E-01	c*	1.6E+00	c*	4.6E-01	c*	5.0E+00	2.3E-04	c*	2.6E-03
1.0E-01	X			3.0E-04	X					1	0.1		Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	5.4E+00	c**	2.3E+01	c*					7.8E-01	c**		2.2E-04	c**	
				1.0E-03	P			V		1		1.3E+03	Benzenethiol	108-98-5	7.8E+01	n	1.2E+03	n					1.7E+01	n		1.1E-02	n	
2.3E+02	I	6.7E-02	I	3.0E-03	I				M	1	0.1		Benzidine	92-87-5	5.3E-04	c	1.0E-02	c	1.5E-05	c	1.8E-04	c	1.1E-04	c		2.8E-07	c	
				4.0E+00	I					1	0.1		Benzoic Acid	65-85-0	2.5E+05	nm	3.3E+06	nm					7.5E+04	n		1.5E+01	n	
1.3E+01	I							V		1		3.2E+02	Benzotrichloride	98-07-7	5.3E-02	c	2.5E-01	c					3.0E-03	c		6.6E-06	c	
				1.0E-01	P					1	0.1		Benzyl Alcohol	100-51-6	6.3E+03	n	8.2E+04	n					2.0E+03	n		4.8E-01	n	
1.7E-01	I	4.9E-05	C	2.0E-03	P	1.0E-03	P	V		1		1.5E+03	Benzyl Chloride	100-44-7	1.1E+00	c*	4.8E+00	c*	5.7E-02	c*	2.5E-01	c*	8.9E-02	c*		9.8E-05	c*	
		2.4E-03	I	2.0E-03	I	2.0E-05	I			0.007			Beryllium and compounds	7440-41-7	1.6E+02	n	2.3E+03	n	1.2E-03	c*	5.1E-03	c*	2.5E+01	n	4.0E+00	1.9E+01	n	3.2E+00
				9.0E-03	P					1	0.1		Bifenox	42576-02-3	5.7E+02	n	7.4E+03	n					1.0E+02	n		7.6E-01	n	
				1.5E-02	I					1	0.1		Biphenthrin	82657-04-3	9.5E+02	n	1.2E+04	n					3.0E+02	n		1.4E+03	n	
8.0E-03	I			5.0E-01	I	4.0E-04	X	V		1			Biphenyl, 1,1'-	92-52-4	4.7E+01	n	2.0E+02	n	4.2E-01	n	1.8E+00	n	8.3E-01	n		8.7E-03	n	
				4.0E-02	I			V		1		1.0E+03	Bis(2-chloro-1-methylethyl) ether	108-60-1	3.1E+03	ns	4.7E+04	ns					7.1E+02	n		2.6E-01	n	
				3.0E-03	P					1	0.1		Bis(2-chloroethoxy)methane	111-91-1	1.9E+02	n	2.5E+03	n					5.9E+01	n		1.3E-02	n	
1.1E+00	I	3.3E-04	I					V		1		5.1E+03	Bis(2-chloroethyl)ether	111-44-4	2.3E-01	c	1.0E+00	c	8.5E-03	c	3.7E-02	c	1.4E-02	c		3.6E-06	c	
2.2E+02	I	6.2E-02	I					V		1		4.2E+03	Bis(chloromethyl)ether	542-88-1	8.3E-05	c	3.6E-04	c	4.5E-05	c	2.0E-04	c	7.2E-05	c		1.7E-08	c	
				5.0E-02	I					1	0.1		Bisphenol A	80-05-7	3.2E+03	n	4.1E+04	n					7.7E+02	n		5.8E+01	n	
				2.0E-01	I	2.0E-02	H			1			Boron And Borates Only	7440-42-8	1.6E+04	n	2.3E+05	nm	2.1E+01	n	8.8E+01	n	4.0E+03	n		1.3E+01	n	
				2.0E+00	P	2.0E-02	P	V		1			Boron Trichloride	10294-34-5	1.6E+05	nm	2.3E+06	nm	2.1E+01	n	8.8E+01	n	4.2E+01	n				
				4.0E-02	C	1.3E-02	C	V		1			Boron Trifluoride	7637-07-2	3.1E+03	n	4.7E+04	n	1.4E+01	n	5.7E+01	n	2.6E+01	n				
7.0E-01	I			4.0E-03	I					1			Bromate	15541-45-4	9.9E-01	c	4.7E+00	c					1.1E-01	c	1.0E+01	8.5E-04	c	7.7E-02
				1.0E-04	X	6.0E-05	X	V		1		2.4E+03	Bromo-2-chloroethane, 1-	107-04-0	3.5E-01	n	1.5E+00	n	6.3E-02	n	2.6E-01	n	1.2E-01	n		3.3E-05	n	
				3.0E-04	X			V		1		9.0E+02	Bromo-3-fluorobenzene, 1-	1073-06-9	2.3E+01	n	3.5E+02	n					4.9E+00	n		4.7E-03	n	
				3.0E-04	X			V		1		3.2E+02	Bromo-4-fluorobenzene, 1-	460-00-4	2.3E+01	n	3.5E+02	ns					4.6E+00	n		4.4E-03	n	
										1	0.1		Bromoacetic acid	79-08-3											6.0E+01(G)			1.2E-02

TR=1E-06
THQ=1.0

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user's guide; U = user provided; ca = cancer; nc = noncancer; * = where: nc SL < 100X ca SL; ** = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

Toxicity and Chemical-specific Information													Contaminant		Screening Levels												Protection of Groundwater SSLs		
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	mutagen	GIABS	ABS_d	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m^3)	key	Industrial Air (ug/m^3)	key	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
				8.0E-03	I	6.0E-02	I	V		1		6.8E+02	Bromobenzene	108-86-1	2.9E+02	n	1.8E+03	ns	6.3E+01	n	2.6E+02	n	6.2E+01	n		4.2E-02	n		
						4.0E-02	X	V		1		4.0E+03	Bromochloromethane	74-97-5	1.5E+02	n	6.3E+02	n	4.2E+01	n	1.8E+02	n	8.3E+01	n		2.1E-02	n		
6.2E-02	I	3.7E-05	C	8.0E-03	P			V		1		9.3E+02	Bromodichloromethane	75-27-4	2.9E-01	c	1.3E+00	c	7.6E-02	c	3.3E-01	c	1.3E-01	c	8.0E+01(G)	3.6E-05	c	2.2E-02	
7.9E-03	I	1.1E-06	I	2.0E-02	I			V		1		9.2E+02	Bromoform	75-25-2	1.9E+01	c*	8.6E+01	c	2.6E+00	c	1.1E+01	c	3.3E+00	c	8.0E+01(G)	8.7E-04	c	2.1E-02	
				1.4E-03	I	5.0E-03	I	V		1		3.6E+03	Bromomethane	74-83-9	6.8E+00	n	3.0E+01	n	5.2E+00	n	2.2E+01	n	7.5E+00	n		1.9E-03	n		
				5.0E-03	H			V		1			Bromophos	2104-96-3	3.9E+02	n	5.8E+03	n					3.5E+01	n		1.5E-01	n		
						1.0E-01	A	V		1		9.7E+02	Bromopropane, 1-	106-94-5	2.2E+02	n	9.4E+02	n	1.0E+02	n	4.4E+02	n	2.1E+02	n		6.4E-02	n		
1.0E-01	O			1.5E-02	O					1	0.1		Bromoxynil	1689-84-5	5.3E+00	c	2.2E+01	c					6.1E-01	c		5.2E-04	c		
1.0E-01	O			1.5E-02	O			V		1			Bromoxynil Octanoate	1689-99-2	6.7E+00	c	3.2E+01	c					2.4E-01	c		2.1E-03	c		
6.0E-01	C	3.0E-05	I			2.0E-03	I	V		1		6.7E+02	Butadiene, 1,3-	106-99-0	7.6E-02	c*	3.3E-01	c*	9.4E-02	c*	4.1E-01	c*	7.1E-02	c*		3.9E-05	c*		
				1.0E-01	I			V		1		7.6E+03	Butanol, N-	71-36-3	7.8E+03	ns	1.2E+05	nms					2.0E+03	n		4.1E-01	n		
5.0E-04	I			4.0E-01	I	5.0E+00	I	V		1			Butyl Alcohol, t-	75-65-0	1.4E+03	c*	6.5E+03	c*	5.2E+03	n	2.2E+04	n	1.5E+02	c*		3.2E-02	c*		
				2.0E+00	P	3.0E+01	P	V		1		2.1E+04	Butyl alcohol, sec-	78-92-2	1.3E+05	nms	1.5E+06	nms	3.1E+04	n	1.3E+05	n	2.4E+04	n		5.0E+00	n		
				5.0E-02	I			V		1			Butylate	2008-41-5	3.9E+03	n	5.8E+04	n					4.6E+02	n		4.5E-01	n		
2.0E-04	C	5.7E-08	C							1	0.1		Butylated hydroxyanisole	25013-16-5	2.7E+03	c	1.1E+04	c	4.9E+01	c	2.2E+02	c	1.5E+02	c		2.9E-01	c		
3.6E-03	P			3.0E-01	P					1	0.1		Butylated hydroxytoluene	128-37-0	1.5E+02	c	6.4E+02	c					3.4E+00	c		1.0E-01	c		
				5.0E-02	P			V		1		1.1E+02	Butylbenzene, n-	104-51-8	3.9E+03	ns	5.8E+04	ns					1.0E+03	n		3.2E+00	n		
				1.0E-01	X			V		1		1.5E+02	Butylbenzene, sec-	135-98-8	7.8E+03	ns	1.2E+05	nms					2.0E+03	n		5.9E+00	n		
				1.0E-01	X			V		1		1.8E+02	Butylbenzene, tert-	98-06-6	7.8E+03	ns	1.2E+05	nms					6.9E+02	n		1.6E+00	n		
				2.0E-02	A					1	0.1		Cacodylic Acid	75-60-5	1.3E+03	n	1.6E+04	n					4.0E+02	n		1.1E-01	n		
		1.8E-03	I	1.0E-04	A	1.0E-05	A			0.025	0.001		Cadmium (Diet)	7440-43-9	7.1E+00	n	1.0E+02	n	1.6E-03	c**	6.8E-03	c**							
		1.8E-03	I	1.0E-04	A	1.0E-05	A			0.05	0.001		Cadmium (Water)	7440-43-9					1.6E-03	c**	6.8E-03	c**	1.8E+00	n	5.0E+00	1.4E-01	n	3.8E-01	
				5.0E-01	I	2.2E-03	C			1	0.1		Caprolactam	105-60-2	3.1E+04	nm	4.0E+05	nm	2.3E+00	n	9.6E+00	n	9.9E+03	n		2.5E+00	n		
1.5E-01	C	4.3E-05	C	2.0E-03	I					1	0.1		Captafol	2425-06-1	3.6E+00	c*	1.5E+01	c	6.5E-02	c	2.9E-01	c	4.0E-01	c*		7.1E-04	c*		
2.3E-03	C	6.6E-07	C	1.3E-01	I					1	0.1		Captan	133-06-2	2.4E+02	c*	1.0E+03	c	4.3E+00	c	1.9E+01	c	3.1E+01	c*		2.2E-02	c*		
				1.0E-01	I					1	0.1		Carbaryl	63-25-2	6.3E+03	n	8.2E+04	n					1.8E+03	n		1.7E+00	n		
				5.0E-03	I					1	0.1		Carbofuran	1563-66-2	3.2E+02	n	4.1E+03	n					9.4E+01	n	4.0E+01	3.7E-02	n	1.6E-02	
				1.0E-01	I	7.0E-01	I	V		1		7.4E+02	Carbon Disulfide	75-15-0	7.7E+02	ns	3.5E+03	ns	7.3E+02	n	3.1E+03	n	8.1E+02	n		2.4E-01	n		
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-01	I	V		1		4.6E+02	Carbon Tetrachloride	56-23-5	6.5E-01	c	2.9E+00	c	4.7E-01	c	2.0E+00	c	4.6E-01	c	5.0E+00	1.8E-04	c	1.9E-03	
						1.0E-01	P	V		1		5.9E+03	Carbonyl Sulfide	463-58-1	6.7E+01	n	2.8E+02	n	1.0E+02	n	4.4E+02	n	2.1E+02	n		5.1E-01	n		
				1.0E-02	I					1	0.1		Carbosulfan	55285-14-8	6.3E+02	n	8.2E+03	n					5.1E+01	n		1.2E+00	n		
				1.0E-01	I					1	0.1		Carboxin	5234-68-4	6.3E+03	n	8.2E+04	n					1.9E+03	n		1.0E+00	n		
						9.0E-04	I			1			Ceric oxide	1306-38-3	1.3E+06	nm	5.4E+06	nm	9.4E-01	n	3.9E+00	n							
				1.0E-01	I			V		1			Chloral Hydrate	302-17-0	7.8E+03	n	1.2E+05	nm					2.0E+03	n		4.0E-01	n		
				1.5E-02	I					1	0.1		Chloramben	133-90-4	9.5E+02	n	1.2E+04	n					2.9E+02	n		7.0E-02	n		
										1	0.1		Chloramines, Organic	E701235											4.0E+03(G)				
4.0E-01	H									1	0.1		Chloranil	118-75-2	1.3E+00	c	5.7E+00	c					1.8E-01	c		1.5E-04	c		
				5.0E-04	G			V		1	0.04		Chlordane (alpha)	5103-71-9	3.6E+01	n	5.0E+02	n					3.6E+00	n		4.9E-01	n		
				5.0E-04	G			V		1	0.04		Chlordane (gamma)	5103-74-2	3.6E+01	n	5.0E+02	n					1.0E+01	n		1.4E+00	n		
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I	V		1	0.04		Chlordane (technical mixture)	12789-03-6	1.7E+00	c*	7.7E+00	c*	2.8E-02	c*	1.2E-01	c*	2.0E-02	c*	2.0E+00	2.7E-03	c*	2.7E-01	
1.0E+01	I	4.6E-03	C	3.0E-04	I					1	0.1		Chlordecone (Kepone)	143-50-0	5.4E-02	c	2.3E-01	c	6.1E-04	c	2.7E-03	c	3.5E-03	c		1.2E-04	c		
				7.0E-04	A					1	0.1		Chlorfenvinphos	470-90-6	4.4E+01	n	5.7E+02	n					1.1E+01	n		3.1E-02	n		
				9.0E-02	O					1	0.1		Chlorimuron, Ethyl-	90982-32-4	5.7E+03	n	7.4E+04	n					1.8E+03	n		6.0E-01	n		
				1.0E-01	I	1.5E-04	A	V		1		2.8E+03	Chlorine	7782-50-5	1.8E-01	n	7.8E-01	n	1.5E-01	n	6.4E-01	n	3.0E-01	n	4.0E+03(G)	1.5E-04	n	2.0E+00	
				3.0E-02	I	2.0E-04	I	V		1			Chlorine Dioxide	10049-04-4	2.3E+03	n	3.4E+04	n	2.1E-01	n	8.8E-01	n	4.2E-01	n	8.0E+02(G)				
				3.0E-02	I					1			Chlorite (Sodium Salt)	7758-19-2	2.3E+03	n	3.5E+04	n					6.0E+02	n	1.0E+03				
						5.0E+01	I	V		1		1.2E+03	Chloro-1,1-difluoroethane, 1-	75-68-3	5.4E+04	ns	2.3E+05	nms	5.2E+04	n	2.2E+05	n	1.0E+05	n		5.2E+01	n		
		3.0E-04	I	2.0E-02	H	2.0E-02	I	V		1		7.9E+02	Chloro-1,3-butadiene, 2-	126-99-8	1.0E-02	c	4.4E-02	c	9.4E-03	c	4.1E-02	c	1.9E-02	c		9.8E-06	c		
4.6E-01	H									1	0.1		Chloro-2-methylaniline HCl, 4-	3165-93-3	1.2E+00	c	5.0E+00	c					1.7E-01	c		1.5E-04	c		
1.0E-01	P	7.7E-05	C	3.0E-03	X					1	0.1		Chloro-2-methylaniline, 4-	95-69-2	5.4E+00	c*	2.3E+01	c	3.6E-02	c	1.6E-01	c	7.0E-01	c*		4.0E-04	c*		
2.7E-01	X							V		1		1.2E+04	Chloroacetaldehyde, 2-	107-20-0	2.6E+00	c	1.2E+01	c					2.9E-01	c		5.8E-05	c		
										1	0.1		Chloroacetic Acid	79-11-8											6.0E+01(G)			1.2E-02	
						3.0E-05	I			1	0.1		Chloroacetophenone, 2-	532-27-4	4.3E+04	n	1.8E+05	nm	3.1E-02	n	1.3E-01	n							
2.0E-01	P			5.0E-04	P					1	0.1		Chloroaniline, p-	106-47-8	2.7E+00	c*	1.1E+01	c*					3.7E-01	c*		1.6E-04	c*		
				2.0E-02	I	5.0E-02	P	V		1		7.6E+02	Chlorobenzene	108-90-7	2.8E+02	n	1.3E+03	ns	5.2E+01	n	2.2E+02	n	7.8E+01	n	1.0E+02	5.3E-02	n	6.8E-02	
				1.0E-01	X					1	0.1		Chlorobenzene sulfonic acid, p-	98-66-8	6.3E+03	n	8.2E+04	n					2.0E+03	n		4.7E-01	n		
1.1E-01	C	3.1E-05	C	2.0E-02	I					1	0.1		Chlorobenzilate	510-15-6	4.9E+00	c	2.1E+01	c	9.1E-02	c	4.0E-01	c	3.1E-01	c		1.0E-03	c		
				3.0E-02	X					1	0.1		Chlorobenzoic Acid, p-	74-11-3	1.9E+03	n	2.5E+04	n					5.1E+02	n		1.3E-01	n		
		8.6E-06	C	3.0E-03	P	3.0E-01	P	V		1		2.9E+02	Chlorobenzotrifluoride, 4-	98-56-6	2.2E+00	c*	9.6E+00	c	3.3E-01	c	1.4E+00	c	6.5E-01	c*		2.3E-03	c*		
				4.0E-02	P			V		1		7.3E+02	Chlorobutane, 1-	109-69-3	3.1E+03	ns	4.7E+04	ns					6.4E+02	n		2.6E-01	n		
						5.0E+01	I	V		1		1.7E+03	Chlorodifluoromethane	75-45-6	4.9E+04	ns	2.1E+05	nms	5.2E+04	n	2.2E+05	n	1.0E+05	n		4.3E+01	n		
				2.0E-02	P			V		1		1.1E+05	Chloroethanol, 2-	107-07-3	1.6E+03	n	2.3E+04	nm					4.0E+02	n		8.1E-02	n		
3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V		1		2.5E+03	Chloroform	67-66-3	3.2E-01	c	1.4E+00	c	1.2E-01	c	5.3E-01	c	2.2E-01	c	8.0E+01(G)	6.1E-05	c	2.2E-02	
						9.0E-02	I	V		1		1.3E+03	Chloromethane	74-87-3	1.1E+02	n	4.6E+02	n	9.4E+01	n	3.9E+02	n	1.9E+02	n		4.9E-02	n		
2.4E+00	C	6.9E-04	C					V		1		9.3E+03	Chloromethyl Methyl Ether	107-30-2	2.0E-02	c	8.9E-02	c	4.1E-03	c	1.8E-02	c	6.5E-03	c		1.4E-06	c		
3.0E-01	P			3.0E-03	P	1.0E-05	X			1	0.1		Chloronitrobenzene, o-	88-73-3	1.8E+00	c	7.7E+00	c	1.0E-02	n	4.4E-02	n	2.4E-01	c		2.2E-04	c		
6.0E-02	P			7.0E-04	P	2.0E-03	P			1	0.1		Chloronitrobenzene, p-	100-00-5	9.0E+00	c**	3.8E+01	c*	2.1E+00	n	8.8E+00	n	1.2E+00	c*		1.1E-03	c*		
				5.0E-03	I			V		1		2.7E+04	Chlorophenol, 2-	95-57-8	3.9E+02	n	5.8E+03	n					9.1E+01	n		8.9E-02	n		
						4.0E-04	C	V		1		6.2E+02	Chloropicrin	76-06-2	2.0E+00	n	8.2E+00	n	4.2E-01	n	1.8E+00	n	8.3E-01	n		2.5E-04	n		
1.7E-02	C			1.5E-02	I					1	0.1		Chlorothalonil	1897-45-6	3.2E+01	c*	1.4E+02	c*					4.0E+00	c*		9.0E-03	c*		
				2.0E-02	I			V		1		9.1E+02	Chlorotoluene, o-	95-49-8	1.6E+03	ns	2.3E+04	ns					2.4E+02	n		2.3E-01	n		
				2.0E-02	X			V		1		2.5E+02	Chlorotoluene, p-	106-43-4	1.6E+03	ns	2.3E+04	ns					2.5E+02	n		2.4E-01	n		
2.4E+02	C	6.9E-02	C							1	0.1		Chlorozotocin	54749-90-5	2.3E-03	c	9.6E-03	c	4.1E-05	c	1.8E-04	c	3.2E-04	c		7.1E-08	c		
				5.0E-03	O					1	0.1		Chlorpropham	101-21-3	3.2E+02	n	4.1E+03	n					7.1E+01	n		6.4E-02	n		
				1.0E-03	A					1	0.1		Chlorpyrifos	2921-88-2	6.3E+01	n	8.2E+02	n					8.4E+00	n		1.2E-01	n		
				1.0E-02	H					1	0.1		Chlorpyrifos Methyl	5598-13-0	6.3E+02	n	8.2E+03	n					1.2E+02	n		5.4E-01	n		
				5.0E-02	O					1	0.1		Chlorsulfuron	64902-72-3	3.2E+03	n	4.1E+04	n					9.9E+02	n		8.3E-01	n		
				1.0E-02	I					1	0.1		Chlorthal-dimethyl	1861-32-1	6.3E+02	n	8.2E+03	n					1.2E+02	n		1.5E-01	n		
				8.0E-04	H					1	0.1		Chlorthiophos	60238-56-4	5.1E+01	n	6.6E+02	n					2.8E+00	n		7.3E-02	n		

TR=1E-06 THQ=1.0

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user's guide; U = user provided; ca = cancer; nc = noncancer; * = where: nc SL < 100X ca SL; ** = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

Toxicity and Chemical-specific Information												Contaminant		Screening Levels												Protection of Groundwater SSLs		
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	mutagen	GIABS	ABS_d	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m^3)	key	Industrial Air (ug/m^3)	key	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
				1.5E+00	I					0.013			Chromium(III), Insoluble Salts	16065-83-1	1.2E+05	nm	1.8E+06	nm					2.2E+04	n		4.0E+07	n	
5.0E-01	C	8.4E-02	G	3.0E-03	I	1.0E-04	I		M	0.025			Chromium(VI)	18540-29-9	3.0E-01	c	6.3E+00	c	1.2E-05	c	1.5E-04	c	3.5E-02	c		6.7E-04	c	
										0.013			Chromium, Total	7440-47-3											1.0E+02			1.8E+05
				1.3E-02	I					1	0.1		Clofentezine	74115-24-5	8.2E+02	n	1.1E+04	n					2.3E+02	n		1.4E+01	n	
		9.0E-03	P	3.0E-04	P	6.0E-06	P			1			Cobalt	7440-48-4	2.3E+01	n	3.5E+02	n	3.1E-04	c*	1.4E-03	c*	6.0E+00	n		2.7E-01	n	
		6.2E-04	I					V	M	1			Coke Oven Emissions	E649830					1.6E-03	c	2.0E-02	c						
				4.0E-02	H					1			Copper	7440-50-8	3.1E+03	n	4.7E+04	n					8.0E+02	n	1.3E+03	2.8E+01	n	4.6E+01
				5.0E-02	I	6.0E-01	C			1	0.1		Cresol, m-	108-39-4	3.2E+03	n	4.1E+04	n	6.3E+02	n	2.6E+03	n	9.3E+02	n		7.4E-01	n	
				5.0E-02	I	6.0E-01	C			1	0.1		Cresol, o-	95-48-7	3.2E+03	n	4.1E+04	n	6.3E+02	n	2.6E+03	n	9.3E+02	n		7.5E-01	n	
				2.0E-02	P	6.0E-01	C			1	0.1		Cresol, p-	106-44-5	1.3E+03	n	1.6E+04	n	6.3E+02	n	2.6E+03	n	3.7E+02	n		3.0E-01	n	
				1.0E-01	A					1	0.1		Cresol, p-chloro-m-	59-50-7	6.3E+03	n	8.2E+04	n					1.4E+03	n		1.7E+00	n	
				1.0E-01	A	6.0E-01	C			1	0.1		Cresols	1319-77-3	6.3E+03	n	8.2E+04	n	6.3E+02	n	2.6E+03	n	1.5E+03	n		1.3E+00	n	
1.9E+00	H			1.0E-03	P			V		1		1.7E+04	Crotonaldehyde, trans-	123-73-9	3.7E-01	c	1.7E+00	c					4.0E-02	c		8.2E-06	c	
				1.0E-01	I	4.0E-01	I	V		1		2.7E+02	Cumene	98-82-8	1.9E+03	ns	9.9E+03	ns	4.2E+02	n	1.8E+03	n	4.5E+02	n		7.4E-01	n	
2.2E-01	C	6.3E-05	C							1	0.1		Cupferron	135-20-6	2.5E+00	c	1.0E+01	c	4.5E-02	c	1.9E-01	c	3.5E-01	c		6.1E-04	c	
8.4E-01	H			2.0E-03	H					1	0.1		Cyanazine	21725-46-2	6.5E-01	c	2.7E+00	c					8.8E-02	c		4.1E-05	c	
													Cyanides															
				1.0E-03	I					1			~Calcium Cyanide	592-01-8	7.8E+01	n	1.2E+03	n					2.0E+01	n				
				5.0E-03	I					1			~Copper Cyanide	544-92-3	3.9E+02	n	5.8E+03	n					1.0E+02	n				
				6.0E-04	I	8.0E-04	G	V		1		9.5E+05	~Cyanide (CN-)	57-12-5	2.3E+01	n	1.5E+02	n	8.3E-01	n	3.5E+00	n	1.5E+00	n	2.0E+02	1.5E-02	n	2.0E+00
				1.0E-03	I			V		1			~Cyanogen	460-19-5	7.8E+01	n	1.2E+03	n					2.0E+01	n				
				9.0E-02	I			V		1			~Cyanogen Bromide	506-68-3	7.0E+03	n	1.1E+05	nm					1.8E+03	n				
				5.0E-02	I			V		1			~Cyanogen Chloride	506-77-4	3.9E+03	n	5.8E+04	n					1.0E+03	n				
				6.0E-04	I	8.0E-04	I	V		1		1.0E+07	~Hydrogen Cyanide	74-90-8	2.3E+01	n	1.5E+02	n	8.3E-01	n	3.5E+00	n	1.5E+00	n		1.5E-02	n	
				2.0E-03	I					1			~Potassium Cyanide	151-50-8	1.6E+02	n	2.3E+03	n					4.0E+01	n				
				5.0E-03	I					0.04			~Potassium Silver Cyanide	506-61-6	3.9E+02	n	5.8E+03	n					8.2E+01	n				
				1.0E-01	I					0.04			~Silver Cyanide	506-64-9	7.8E+03	n	1.2E+05	nm					1.8E+03	n				
				1.0E-03	I					1			~Sodium Cyanide	143-33-9	7.8E+01	n	1.2E+03	n					2.0E+01	n	2.0E+02			
				2.0E-04	P					1			~Thiocyanates	E1790665	1.6E+01	n	2.3E+02	n					4.0E+00	n				
				2.0E-04	X			V		1			~Thiocyanic Acid	463-56-9	1.6E+01	n	2.3E+02	n					4.0E+00	n				
				5.0E-02	I					1			~Zinc Cyanide	557-21-1	3.9E+03	n	5.8E+04	n					1.0E+03	n				
						6.0E+00	I	V		1		1.2E+02	Cyclohexane	110-82-7	6.5E+03	ns	2.7E+04	ns	6.3E+03	n	2.6E+04	n	1.3E+04	n		1.3E+01	n	
2.0E-02	X			2.0E-02	X					1	0.1		Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.7E+01	c*	1.1E+02	c					2.8E+00	c		1.6E-02	c	
				5.0E+00	I	7.0E-01	P	V		1		5.1E+03	Cyclohexanone	108-94-1	2.8E+04	ns	1.3E+05	nms	7.3E+02	n	3.1E+03	n	1.4E+03	n		3.4E-01	n	
				5.0E-03	P	1.0E+00	X	V		1		2.8E+02	Cyclohexene	110-83-8	3.1E+02	ns	3.1E+03	ns	1.0E+03	n	4.4E+03	n	7.0E+01	n		4.6E-02	n	
				2.0E-01	I			V		1		2.9E+05	Cyclohexylamine	108-91-8	1.6E+04	n	2.3E+05	nm					3.8E+03	n		1.0E+00	n	
				2.5E-02	I					1	0.1		Cyfluthrin	68359-37-5	1.6E+03	n	2.1E+04	n					1.2E+02	n		3.1E+01	n	
				5.0E-01	O					1	0.1		Cyromazine	66215-27-8	3.2E+04	n	4.1E+05	nm					9.9E+03	n		2.5E+00	n	
2.4E-01	I	6.9E-05	C	5.0E-04	A					1	0.1		DDD, p,p`- (DDD)	72-54-8	2.3E+00	c*	9.6E+00	c*	4.1E-02	c	1.8E-01	c	3.2E-02	c*		7.5E-03	c*	
3.4E-01	I	9.7E-05	C	5.0E-04	A			V		1			DDE, p,p'-	72-55-9	2.0E+00	c*	9.3E+00	c*	2.9E-02	c	1.3E-01	c	4.6E-02	c		1.1E-02	c	
3.4E-01	I	9.7E-05	I	5.0E-04	I					1	0.03		DDT	50-29-3	1.9E+00	c*	8.5E+00	c*	2.9E-02	c	1.3E-01	c	2.3E-01	c*		7.7E-02	c*	
				3.0E-02	I					1	0.1		Dalapon	75-99-0	1.9E+03	n	2.5E+04	n					6.0E+02	n	2.0E+02	1.2E-01	n	4.1E-02
1.8E-02	C	5.1E-06	C	1.5E-01	I					1	0.1		Daminozide	1596-84-5	3.0E+01	c	1.3E+02	c	5.5E-01	c	2.4E+00	c	4.3E+00	c		9.5E-04	c	
7.0E-04	I			7.0E-03	I					1	0.1		Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	4.4E+02	n	3.3E+03	c**					1.1E+02	c**		6.2E+01	c**	
				4.0E-05	I					1	0.1		Demeton	8065-48-3	2.5E+00	n	3.3E+01	n					4.2E-01	n				
1.2E-03	I			6.0E-01	I					1	0.1		Di(2-ethylhexyl)adipate	103-23-1	4.5E+02	c*	1.9E+03	c					6.5E+01	c	4.0E+02	4.7E+00	c	2.9E+01
6.1E-02	H									1	0.1		Diallate	2303-16-4	8.9E+00	c	3.8E+01	c					5.4E-01	c		8.0E-04	c	
				7.0E-04	A					1	0.1		Diazinon	333-41-5	4.4E+01	n	5.7E+02	n					1.0E+01	n		6.5E-02	n	
8.0E-01	P	6.0E-03	P	2.0E-04	P	2.0E-04	I	V	M	1		9.8E+02	Dibromo-3-chloropropane, 1,2-	96-12-8	5.3E-03	c	6.4E-02	c	1.7E-04	c	2.0E-03	c	3.3E-04	c	2.0E-01	1.4E-07	c	8.6E-05
										1	0.1		Dibromoacetic acid	631-64-1											6.0E+01(G)			1.2E-02
				4.0E-04	X			V		1		1.6E+02	Dibromobenzene, 1,3-	108-36-1	3.1E+01	n	4.7E+02	ns					5.3E+00	n		5.1E-03	n	
				1.0E-02	I			V		1			Dibromobenzene, 1,4-	106-37-6	7.8E+02	n	1.2E+04	n					1.3E+02	n		1.2E-01	n	
8.4E-02	I			2.0E-02	I			V		1		8.0E+02	Dibromochloromethane	124-48-1	8.3E+00	c	3.9E+01	c					8.7E-01	c	8.0E+01(G)	2.3E-04	c	2.1E-02
2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V		1		1.3E+03	Dibromoethane, 1,2-	106-93-4	3.6E-02	c	1.6E-01	c	4.7E-03	c	2.0E-02	c	7.5E-03	c	5.0E-02	2.1E-06	c	1.4E-05
						4.0E-03	X	V		1		2.8E+03	Dibromomethane (Methylene Bromide)	74-95-3	2.4E+01	n	9.9E+01	n	4.2E+00	n	1.8E+01	n	8.3E+00	n		2.1E-03	n	
				3.0E-04	P					1	0.1		Dibutyltin Compounds	E1790661	1.9E+01	n	2.5E+02	n					6.0E+00	n				
				3.0E-02	I					1	0.1		Dicamba	1918-00-9	1.9E+03	n	2.5E+04	n					5.7E+02	n		1.5E-01	n	
										1	0.1		Dichloramine	3400-09-7											4.0E+03(G)			
		4.2E-03	P					V		1		5.5E+02	Dichloro-2-butene, 1,4-	764-41-0	2.1E-03	c	9.4E-03	c	6.7E-04	c	2.9E-03	c	1.3E-03	c		6.6E-07	c	
		4.2E-03	P					V		1		5.2E+02	Dichloro-2-butene, cis-1,4-	1476-11-5	7.4E-03	c	3.2E-02	c	6.7E-04	c	2.9E-03	c	1.3E-03	c		6.2E-07	c	
		4.2E-03	P					V		1		7.6E+02	Dichloro-2-butene, trans-1,4-	110-57-6	7.4E-03	c	3.2E-02	c	6.7E-04	c	2.9E-03	c	1.3E-03	c		6.2E-07	c	
5.0E-02	I			4.0E-03	I					1	0.1		Dichloroacetic Acid	79-43-6	1.1E+01	c*	4.6E+01	c*					1.5E+00	c*	6.0E+01(G)	3.1E-04	c*	1.2E-02
				9.0E-02	I	2.0E-01	H	V		1		3.8E+02	Dichlorobenzene, 1,2-	95-50-1	1.8E+03	ns	9.3E+03	ns	2.1E+02	n	8.8E+02	n	3.0E+02	n	6.0E+02	3.0E-01	n	5.8E-01
5.4E-03	C	1.1E-05	C	7.0E-02	A	8.0E-01	I	V		1			Dichlorobenzene, 1,4-	106-46-7	2.6E+00	c	1.1E+01	c	2.6E-01	c	1.1E+00	c	4.8E-01	c	7.5E+01	4.6E-04	c	7.2E-02
4.5E-01	I	3.4E-04	C							1	0.1		Dichlorobenzidine, 3,3'-	91-94-1	1.2E+00	c	5.1E+00	c	8.3E-03	c	3.6E-02	c	1.3E-01	c		8.2E-04	c	
				9.0E-03	X					1	0.1		Dichlorobenzophenone, 4,4'-	90-98-2	5.7E+02	n	7.4E+03	n					7.8E+01	n		4.7E-01	n	
				2.0E-01	I	1.0E-01	X	V		1		8.5E+02	Dichlorodifluoromethane	75-71-8	8.7E+01	n	3.7E+02	n	1.0E+02	n	4.4E+02	n	2.0E+02	n		3.0E-01	n	
5.7E-03	C	1.6E-06	C	2.0E-01	P			V		1		1.7E+03	Dichloroethane, 1,1-	75-34-3	3.6E+00	c	1.6E+01	c	1.8E+00	c	7.7E+00	c	2.8E+00	c		7.8E-04	c	
9.1E-02	I	2.6E-05	I	6.0E-03	X	7.0E-03	P	V		1		3.0E+03	Dichloroethane, 1,2-	107-06-2	4.6E-01	c*	2.0E+00	c*	1.1E-01	c*	4.7E-01	c*	1.7E-01	c*	5.0E+00	4.8E-05	c*	1.4E-03
				5.0E-02	I	2.0E-01	I	V		1		1.2E+03	Dichloroethylene, 1,1-	75-35-4	2.3E+02	n	1.0E+03	n	2.1E+02	n	8.8E+02	n	2.8E+02	n	7.0E+00	1.0E-01	n	2.5E-03
				2.0E-03	I	4.0E-02	X	V		1		2.4E+03	Dichloroethylene, cis-1,2-	156-59-2	6.3E+01	n	3.7E+02	n	4.2E+01	n	1.8E+02	n	2.5E+01	n	7.0E+01	7.4E-03	n	2.1E-02
				2.0E-02	I	4.0E-02	X	V		1		1.9E+03	Dichloroethylene, trans-1,2-	156-60-5	7.0E+01	n	3.0E+02	n	4.2E+01	n	1.8E+02	n	6.8E+01	n	1.0E+02	2.1E-02	n	3.1E-02
				3.0E-03	I					1	0.1		Dichlorophenol, 2,4-	120-83-2	1.9E+02	n	2.5E+03	n					4.6E+01	n		2.3E-02	n	
				1.0E-02	I					1	0.05		Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	7.0E+02	n	9.6E+03	n					1.7E+02	n	7.0E+01	4.5E-02	n	1.8E-02
3.7E-02	P	3.7E-06	P	4.0E-02	P	4.0E-03	I	V		1		1.4E+03	Dichloropropane, 1,2-	78-87-5	2.5E+00	c**	1.1E+01	c**	7.6E-01	c**	3.3E+00	c**	8.5E-01	c**	5.0E+00	2.8E-04	c**	1.7E-03
				2.0E-02	P			V		1		1.5E+03	Dichloropropane, 1,3-	142-28-9	1.6E+03	ns	2.3E+04	ns					3.7E+02	n		1.3E-01	n	
				3.0E-03	I					1	0.1		Dichloropropanol, 2,3-	616-23-9	1.9E+02	n	2.5E+03	n					5.9E+01	n		1.3E-02	n	
1.0E-01	I	4.0E-06	I	3.0E-02	I	2.0E-02	I	V		1		1.6E+03	Dichloropropene, 1,3-	542-75-6	1.8E+00	c*	8.2E+00	c*	7.0E-01	c*	3.1E+00	c*	4.7E-01	c*		1.7E-04	c*	
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I			1	0.1		Dichlorvos	62-73-7	1.9E+00	c*	7.9E+00	c*	3.4E-02	c*	1.5E-01	c*	2.6E-01	c*		8.1E-05	c*	

TR=1E-06
THQ=1.0

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user's guide; U = user provided; ca = cancer; nc = noncancer; * = where: nc SL < 100X ca SL; ** = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

Toxicity and Chemical-specific Information												Contaminant		Screening Levels										Protection of Groundwater SSLs		
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	mutagen	GIABS	ABS_d	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m^3)	key	Industrial Air (ug/m^3)	key	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
				3.0E-05	O					1	0.1		Dicrotophos	141-66-2	1.9E+00	n	2.5E+01	n					6.0E-01	n		1.4E-04	n	
				8.0E-02	P	3.0E-04	X	V		1		2.6E+02	Dicyclopentadiene	77-73-6	1.3E+00	n	5.4E+00	n	3.1E-01	n	1.3E+00	n	6.3E-01	n		2.2E-03	n	
1.6E+01	I	4.6E-03	I	5.0E-05	I					1	0.1		Dieldrin	60-57-1	3.4E-02	c*	1.4E-01	c	6.1E-04	c	2.7E-03	c	1.8E-03	c		7.1E-05	c	
		3.0E-04	C			5.0E-03	I			1	0.1		Diesel Engine Exhaust	E17136615					9.4E-03	c	4.1E-02	c						
				2.0E-03	P	2.0E-04	P			1	0.1		Diethanolamine	111-42-2	1.3E+02	n	1.6E+03	n	2.1E-01	n	8.8E-01	n	4.0E+01	n		8.1E-03	n	
				3.0E-02	P	1.0E-04	P			1	0.1		Diethylene Glycol Monobutyl Ether	112-34-5	1.9E+03	n	2.4E+04	n	1.0E-01	n	4.4E-01	n	6.0E+02	n		1.3E-01	n	
				6.0E-02	P	3.0E-04	P			1	0.1		Diethylene Glycol Monoethyl Ether	111-90-0	3.8E+03	n	4.8E+04	n	3.1E-01	n	1.3E+00	n	1.2E+03	n		2.4E-01	n	
				1.0E-03	P			V		1		1.1E+05	Diethylformamide	617-84-5	7.8E+01	n	1.2E+03	n					2.0E+01	n		4.1E-03	n	
3.5E+02	C	1.0E-01	C							1	0.1		Diethylstilbestrol	56-53-1	1.6E-03	c	6.6E-03	c	2.8E-05	c	1.2E-04	c	5.1E-05	c		2.8E-05	c	
				8.3E-02	O					1	0.1		Difenzoquat	43222-48-6	5.2E+03	n	6.8E+04	n					1.7E+03	n		2.6E+02	n	
				2.0E-02	I					1	0.1		Diflubenzuron	35367-38-5	1.3E+03	n	1.6E+04	n					2.9E+02	n		3.3E-01	n	
						4.0E+01	I	V		1		1.4E+03	Difluoroethane, 1,1-	75-37-6	4.8E+04	ns	2.0E+05	nms	4.2E+04	n	1.8E+05	n	8.3E+04	n		2.8E+01	n	
						3.0E+01	X	V		1		6.9E+02	Difluoropropane, 2,2-	420-45-1	2.4E+04	ns	1.0E+05	ns	3.1E+04	n	1.3E+05	n	6.3E+04	n		1.4E+02	n	
4.4E-02	C	1.3E-05	C					V		1			Dihydrosafrole	94-58-6	9.9E+00	c	4.5E+01	c	2.2E-01	c	9.4E-01	c	3.0E-01	c		1.9E-04	c	
						7.0E-01	P	V		1		2.3E+03	Diisopropyl Ether	108-20-3	2.2E+03	n	9.4E+03	ns	7.3E+02	n	3.1E+03	n	1.5E+03	n		3.7E-01	n	
				8.0E-02	I			V		1		5.3E+02	Diisopropyl Methylphosphonate	1445-75-6	6.3E+03	ns	9.3E+04	ns					1.6E+03	n		4.5E-01	n	
				2.2E-02	O					1	0.1		Dimethipin	55290-64-7	1.4E+03	n	1.8E+04	n					4.4E+02	n		9.6E-02	n	
				2.2E-03	O					1	0.1		Dimethoate	60-51-5	1.4E+02	n	1.8E+03	n					4.4E+01	n		9.9E-03	n	
1.6E+00	P									1	0.1		Dimethoxybenzidine, 3,3'-	119-90-4	3.4E-01	c	1.4E+00	c					4.7E-02	c		5.8E-05	c	
1.7E-03	P			6.0E-02	P					1	0.1		Dimethyl methylphosphonate	756-79-6	3.2E+02	c*	1.4E+03	c*					4.6E+01	c*		9.6E-03	c*	
4.6E+00	C	1.3E-03	C							1	0.1		Dimethylamino azobenzene [p-]	60-11-7	1.2E-01	c	5.0E-01	c	2.2E-03	c	9.4E-03	c	5.0E-03	c		2.1E-05	c	
5.8E-01	H									1	0.1		Dimethylaniline HCl, 2,4-	21436-96-4	9.4E-01	c	4.0E+00	c					1.3E-01	c		1.2E-04	c	
2.0E-01	P			2.0E-03	X					1	0.1		Dimethylaniline, 2,4-	95-68-1	2.7E+00	c*	1.1E+01	c					3.7E-01	c		2.1E-04	c	
2.7E-02	P			2.0E-03	I			V		1		8.3E+02	Dimethylaniline, N,N-	121-69-7	2.6E+01	c**	1.2E+02	c*					2.5E+00	c*		9.0E-04	c*	
1.1E+01	P									1	0.1		Dimethylbenzidine, 3,3'-	119-93-7	4.9E-02	c	2.1E-01	c					6.5E-03	c		4.3E-05	c	
				1.0E-01	P	3.0E-02	I	V		1		1.1E+05	Dimethylformamide	68-12-2	2.6E+03	n	1.5E+04	n	3.1E+01	n	1.3E+02	n	6.1E+01	n		1.2E-02	n	
				1.0E-04	X	2.0E-06	X	V		1		1.7E+05	Dimethylhydrazine, 1,1-	57-14-7	5.7E-02	n	2.4E-01	n	2.1E-03	n	8.8E-03	n	4.2E-03	n		9.3E-07	n	
5.5E+02	C	1.6E-01	C					V		1		1.9E+05	Dimethylhydrazine, 1,2-	540-73-8	8.8E-04	c	4.1E-03	c	1.8E-05	c	7.7E-05	c	2.8E-05	c		6.5E-09	c	
				2.0E-02	I					1	0.1		Dimethylphenol, 2,4-	105-67-9	1.3E+03	n	1.6E+04	n					3.6E+02	n		4.2E-01	n	
				6.0E-04	I					1	0.1		Dimethylphenol, 2,6-	576-26-1	3.8E+01	n	4.9E+02	n					1.1E+01	n		1.3E-02	n	
				1.0E-03	I					1	0.1		Dimethylphenol, 3,4-	95-65-8	6.3E+01	n	8.2E+02	n					1.8E+01	n		2.1E-02	n	
4.5E-02	C	1.3E-05	C					V		1		4.7E+02	Dimethylvinylchloride	513-37-1	1.1E+00	c	4.8E+00	c	2.2E-01	c	9.4E-01	c	3.3E-01	c		1.1E-04	c	
				8.0E-05	X					1	0.1		Dinitro-o-cresol, 4,6-	534-52-1	5.1E+00	n	6.6E+01	n					1.5E+00	n		2.6E-03	n	
				2.0E-03	I					1	0.1		Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5	1.3E+02	n	1.6E+03	n					2.3E+01	n		7.7E-01	n	
				4.0E-04	X	2.0E-03	X			1	0.1		Dinitroaniline, 3,5-	618-87-1	2.5E+01	n	3.3E+02	n	2.1E+00	n	8.8E+00	n	7.7E+00	n		4.1E-03	n	
				1.0E-04	P					1	0.1		Dinitrobenzene, 1,2-	528-29-0	6.3E+00	n	8.2E+01	n					1.9E+00	n		1.8E-03	n	
				1.0E-04	I					1	0.1		Dinitrobenzene, 1,3-	99-65-0	6.3E+00	n	8.2E+01	n					2.0E+00	n		1.8E-03	n	
				1.0E-04	P					1	0.1		Dinitrobenzene, 1,4-	100-25-4	6.3E+00	n	8.2E+01	n					2.0E+00	n		1.8E-03	n	
				2.0E-03	I					1	0.1		Dinitrophenol, 2,4-	51-28-5	1.3E+02	n	1.6E+03	n					3.9E+01	n		4.4E-02	n	
6.8E-01	I									1	0.1		Dinitrotoluene Mixture, 2,4/2,6-	E1615210	8.0E-01	c	3.4E+00	c					1.1E-01	c		1.5E-04	c	
3.1E-01	C	8.9E-05	C	2.0E-03	I					1	0.102		Dinitrotoluene, 2,4-	121-14-2	1.7E+00	c*	7.4E+00	c	3.2E-02	c	1.4E-01	c	2.4E-01	c		3.2E-04	c	
1.5E+00	P			3.0E-04	X					1	0.099		Dinitrotoluene, 2,6-	606-20-2	3.6E-01	c*	1.5E+00	c					4.9E-02	c		6.7E-05	c	
				1.0E-04	X					1	0.006		Dinitrotoluene, 2-Amino-4,6-	35572-78-2	7.7E+00	n	1.1E+02	n					1.9E+00	n		1.5E-03	n	
				1.0E-04	X					1	0.009		Dinitrotoluene, 4-Amino-2,6-	19406-51-0	7.7E+00	n	1.1E+02	n					1.9E+00	n		1.5E-03	n	
4.5E-01	X			9.0E-04	X					1	0.1		Dinitrotoluene, Technical grade	25321-14-6	1.2E+00	c*	5.1E+00	c					1.0E-01	c		1.4E-04	c	
				1.0E-03	I					1	0.1		Dinoseb	88-85-7	6.3E+01	n	8.2E+02	n					1.5E+01	n	7.0E+00	1.3E-01	n	6.2E-02
1.0E-01	I	5.0E-06	I	3.0E-02	I	3.0E-02	I	V		1		1.2E+05	Dioxane, 1,4-	123-91-1	5.3E+00	c	2.4E+01	c	5.6E-01	c*	2.5E+00	c*	4.6E-01	c		9.4E-05	c	
													Dioxins															
6.2E+03	I	1.3E+00	I							1	0.03		~Hexachlorodibenzo-p-dioxin, Mixture	34465-46-8	1.0E-04	c	4.7E-04	c	2.2E-06	c	9.4E-06	c	1.3E-05	c		1.7E-05	c	
1.3E+05	C	3.8E+01	C	7.0E-10	I	4.0E-08	C	V		1	0.03		~TCDD, 2,3,7,8-	1746-01-6	4.8E-06	c*	2.2E-05	c*	7.4E-08	c	3.2E-07	c	1.2E-07	c	3.0E-05	5.9E-08	c	1.5E-05
				3.0E-02	I					1	0.1		Diphenamid	957-51-7	1.9E+03	n	2.5E+04	n					5.3E+02	n		5.2E+00	n	
						4.0E-04	X	V		1			Diphenyl Ether	101-84-8	3.4E+01	n	1.4E+02	n	4.2E-01	n	1.8E+00	n	8.3E-01	n		3.4E-03	n	
				8.0E-04	X					1	0.1		Diphenyl Sulfone	127-63-9	5.1E+01	n	6.6E+02	n					1.5E+01	n		3.6E-02	n	
				1.0E-01	O					1	0.1		Diphenylamine	122-39-4	6.3E+03	n	8.2E+04	n					1.3E+03	n		2.3E+00	n	
8.0E-01	I	2.2E-04	I							1	0.1		Diphenylhydrazine, 1,2-	122-66-7	6.8E-01	c	2.9E+00	c	1.3E-02	c	5.6E-02	c	7.8E-02	c		2.5E-04	c	
				2.2E-03	I					1	0.1		Diquat	2764-72-9	1.4E+02	n	1.8E+03	n					4.0E+01	n	2.0E+01	3.3E-01	n	1.7E-01
7.4E+00	C	2.1E-03	C							1	0.1		Direct Black 38	1937-37-7	7.3E-02	c	3.1E-01	c	1.3E-03	c	5.8E-03	c	1.1E-02	c		5.1E+00	c	
7.4E+00	C	2.1E-03	C							1	0.1		Direct Blue 6	2602-46-2	7.3E-02	c	3.1E-01	c	1.3E-03	c	5.8E-03	c	1.1E-02	c		1.7E+01	c	
6.7E+00	C	1.9E-03	C							1	0.1		Direct Brown 95	16071-86-6	8.1E-02	c	3.4E-01	c	1.5E-03	c	6.5E-03	c	1.2E-02	c		1.6E-01	c	
				4.0E-05	I					1	0.1		Disulfoton	298-04-4	2.5E+00	n	3.3E+01	n					5.0E-01	n		9.4E-04	n	
				1.0E-02	I			V		1			Dithiane, 1,4-	505-29-3	7.8E+02	n	1.2E+04	n					2.0E+02	n		9.7E-02	n	
				2.0E-03	I					1	0.1		Diuron	330-54-1	1.3E+02	n	1.6E+03	n					3.6E+01	n		1.5E-02	n	
				2.0E-02	O					1	0.1		Dodine	2439-10-3	1.3E+03	n	1.6E+04	n					4.0E+02	n		2.1E+00	n	
				5.0E-02	O			V		1			EPTC	759-94-4	3.9E+03	n	5.8E+04	n					7.5E+02	n		4.0E-01	n	
				6.0E-03	I			V		1			Endosulfan	115-29-7	4.7E+02	n	7.0E+03	n					1.0E+02	n		1.4E+00	n	
				6.0E-03	P					1	0.1		Endosulfan Sulfate	1031-07-8	3.8E+02	n	4.9E+03	n					1.1E+02	n		2.1E+00	n	
				2.0E-02	I					1	0.1		Endothall	145-73-3	1.3E+03	n	1.6E+04	n					3.8E+02	n	1.0E+02	9.1E-02	n	2.4E-02
				3.0E-04	I					1	0.1		Endrin	72-20-8	1.9E+01	n	2.5E+02	n					2.3E+00	n	2.0E+00	9.2E-02	n	8.1E-02
9.9E-03	I	1.2E-06	I	6.0E-03	P	1.0E-03	I	V		1		1.1E+04	Epichlorohydrin	106-89-8	1.9E+01	n	8.2E+01	n	1.0E+00	n	4.4E+00	n	2.0E+00	n		4.5E-04	n	
						2.0E-02	I	V		1		1.5E+04	Epoxybutane, 1,2-	106-88-7	1.6E+02	n	6.7E+02	n	2.1E+01	n	8.8E+01	n	4.2E+01	n		9.2E-03	n	
				4.0E-02	P					1	0.1		Ethanol, 2-(2-methoxyethoxy)-	111-77-3	2.5E+03	n	3.3E+04	n					8.0E+02	n		1.6E-01	n	
				5.0E-03	I					1	0.1		Ethephon	16672-87-0	3.2E+02	n	4.1E+03	n					1.0E+02	n		2.1E-02	n	
				5.0E-04	I					1	0.1		Ethion	563-12-2	3.2E+01	n	4.1E+02	n					4.3E+00	n		8.5E-03	n	
				1.0E-01	P	6.0E-02	P	V		1		2.4E+04	Ethoxyethanol Acetate, 2-	111-15-9	2.6E+03	n	1.4E+04	n	6.3E+01	n	2.6E+02	n	1.2E+02	n		2.5E-02	n	
				9.0E-02	P	4.0E-02	P	V		1		1.1E+05	Ethoxyethanol, 2-	110-80-5	2.6E+03	n	1.5E+04	n	4.2E+01	n	1.8E+02	n	8.0E+01	n		1.6E-02	n	
				7.0E-01	P	7.0E-02	P	V		1		1.1E+04	Ethyl Acetate	141-78-6	6.2E+02	n	2.6E+03	n	7.3E+01	n	3.1E+02	n	1.4E+02	n		3.1E-02	n	
				5.0E-03	P	8.0E-03	P	V		1		2.5E+03	Ethyl Acrylate	140-88-5	4.7E+01	n	2.1E+02	n	8.3E+00	n	3.5E+01	n	1.4E+01	n		3.2E-03	n	
						4.0E+00	P	V		1		2.1E+03	Ethyl Chloride (Chloroethane)	75-00-3	5.4E+03	ns	2.3E+04	ns	4.2E+03	n	1.8E+04	n	8.3E+03	n		2.4E+00	n	
				2.0E-01	I			V		1		1.0E+04	Ethyl Ether	60-29-7	1.6E+04	ns	2.3E+05	nms					3.9E+03	n		8.8E-01	n	

TR=1E-06
THQ=1.0

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user's guide; U = user provided; ca = cancer; nc = noncancer; * = where: nc SL < 100X ca SL; ** = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

Toxicity and Chemical-specific Information													Contaminant		Screening Levels												Protection of Groundwater SSLs		
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	mutagen	GIABS	ABS_d	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m^3)	key	Industrial Air (ug/m^3)	key	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
						3.0E-01	P	V		1		1.1E+03	Ethyl Methacrylate	97-63-2	1.8E+03	ns	7.6E+03	ns	3.1E+02	n	1.3E+03	n	6.3E+02	n		1.5E-01	n	
		8.0E-08	I	1.0E+00	I	4.0E+01	I	V		1		2.9E+03	Ethyl Tertiary Butyl Ether (ETBE)	637-92-3	1.3E+02	c	5.6E+02	c	3.5E+01	c	1.5E+02	c	7.0E+01	c		1.7E-02	c	
				1.0E-05	I					1	0.1		Ethyl-p-nitrophenyl Phosphonate	2104-64-5	6.3E-01	n	8.2E+00	n					8.9E-02	n		2.8E-03	n	
1.1E-02	C	2.5E-06	C	5.0E-02	P	1.0E+00	I	V		1		4.8E+02	Ethylbenzene	100-41-4	5.8E+00	c	2.5E+01	c	1.1E+00	c	4.9E+00	c	1.5E+00	c	7.0E+02	1.7E-03	c	7.8E-01
				7.0E-02	P					1	0.1		Ethylene Cyanohydrin	109-78-4	4.4E+03	n	5.7E+04	n					1.4E+03	n		2.8E-01	n	
				9.0E-02	P			V		1		1.9E+05	Ethylene Diamine	107-15-3	7.0E+03	n	1.1E+05	nm					1.8E+03	n		4.1E-01	n	
				8.0E-01	A	4.0E-01	C			1	0.1		Ethylene Glycol	107-21-1	5.1E+04	n	6.6E+05	nm	4.2E+02	n	1.8E+03	n	1.6E+04	n		3.2E+00	n	
				1.0E-01	I	1.6E+00	I			1	0.1		Ethylene Glycol Monobutyl Ether	111-76-2	6.3E+03	n	8.2E+04	n	1.7E+03	n	7.0E+03	n	2.0E+03	n		4.1E-01	n	
3.1E-01	C	3.0E-03	I			3.0E-02	C	V	M	1		1.2E+05	Ethylene Oxide	75-21-8	2.0E-03	c	2.5E-02	c	3.4E-04	c	4.1E-03	c	6.7E-04	c		1.4E-07	c	
4.5E-02	C	1.3E-05	C	8.0E-05	I					1	0.1		Ethylene Thiourea	96-45-7	5.1E+00	n	5.1E+01	c**	2.2E-01	c	9.4E-01	c	1.6E+00	n		3.6E-04	n	
6.5E+01	C	1.9E-02	C					V		1		1.5E+05	Ethyleneimine	151-56-4	2.7E-03	c	1.2E-02	c	1.5E-04	c	6.5E-04	c	2.4E-04	c		5.2E-08	c	
				3.0E+00	I					1	0.1		Ethylphthalyl Ethyl Glycolate	84-72-0	1.9E+05	nm	2.5E+06	nm					5.8E+04	n		1.3E+02	n	
				2.5E-04	I					1	0.1		Fenamiphos	22224-92-6	1.6E+01	n	2.1E+02	n					4.4E+00	n		4.3E-03	n	
				2.5E-02	I					1	0.1		Fenpropathrin	39515-41-8	1.6E+03	n	2.1E+04	n					6.4E+01	n		2.9E+00	n	
				2.5E-02	I					1	0.1		Fenvalerate	51630-58-1	1.6E+03	n	2.1E+04	n					5.0E+02	n		3.2E+02	n	
				1.3E-02	I					1	0.1		Fluometuron	2164-17-2	8.2E+02	n	1.1E+04	n					2.4E+02	n		1.9E-01	n	
				4.0E-02	C	1.3E-02	C			1			Fluoride	16984-48-8	3.1E+03	n	4.7E+04	n	1.4E+01	n	5.7E+01	n	8.0E+02	n	4.0E+03	1.2E+02	n	6.0E+02
				6.0E-02	I	1.3E-02	C			1			Fluorine (Soluble Fluoride)	7782-41-4	4.7E+03	n	7.0E+04	n	1.4E+01	n	5.7E+01	n	1.2E+03	n	4.0E+03	1.8E+02	n	6.0E+02
				8.0E-02	I					1	0.1		Fluridone	59756-60-4	5.1E+03	n	6.6E+04	n					1.4E+03	n		1.6E+02	n	
				4.0E-02	O					1	0.1		Flurprimidol	56425-91-3	2.5E+03	n	3.3E+04	n					6.9E+02	n		3.1E+00	n	
				2.0E-03	O					1	0.1		Flusilazole	85509-19-9	1.3E+02	n	1.6E+03	n					3.1E+01	n		5.1E+00	n	
				5.0E-01	O					1	0.1		Flutolanil	66332-96-5	3.2E+04	n	4.1E+05	nm					7.9E+03	n		4.2E+01	n	
				1.0E-02	I					1	0.1		Fluvalinate	69409-94-5	6.3E+02	n	8.2E+03	n					2.0E+02	n		2.9E+02	n	
				9.0E-02	O					1	0.1		Folpet	133-07-3	5.7E+03	n	7.4E+04	n					1.6E+03	n		3.9E-01	n	
				1.0E-02	O					1	0.1		Fomesafen	72178-02-0	6.3E+02	n	8.2E+03	n					1.9E+02	n		6.3E-01	n	
				2.0E-03	I					1	0.1		Fonofos	944-22-9	1.3E+02	n	1.6E+03	n					2.4E+01	n		4.7E-02	n	
2.1E-02	C	1.3E-05	I	2.0E-01	I	9.8E-03	A	V		1		4.2E+04	Formaldehyde	50-00-0	1.1E+01	c*	5.0E+01	c*	2.2E-01	c*	9.4E-01	c*	3.9E-01	c*		7.8E-05	c*	
				9.0E-01	P	3.0E-04	X	V		1		1.1E+05	Formic Acid	64-18-6	2.9E+01	n	1.2E+02	n	3.1E-01	n	1.3E+00	n	6.3E-01	n		1.3E-04	n	
				2.5E+00	O					1	0.1		Fosetyl-AL	39148-24-8	1.6E+05	nm	2.1E+06	nm					5.0E+04	n		6.6E+02	n	
													Furans																
				1.0E-03	X			V		1			~Dibenzofuran	132-64-9	7.8E+01	n	1.2E+03	n					7.9E+00	n		1.5E-01	n	
				1.0E-03	I			V		1		6.2E+03	~Furan	110-00-9	7.8E+01	n	1.2E+03	n					1.9E+01	n		7.3E-03	n	
				9.0E-01	I	2.0E+00	I	V		1		1.7E+05	~Tetrahydrofuran	109-99-9	1.8E+04	n	9.5E+04	n	2.1E+03	n	8.8E+03	n	3.4E+03	n		7.5E-01	n	
3.8E+00	H									1	0.1		Furazolidone	67-45-8	1.4E-01	c	6.0E-01	c					2.0E-02	c		3.9E-05	c	
				3.0E-03	I	5.0E-02	H	V		1		1.0E+04	Furfural	98-01-1	2.1E+02	n	2.6E+03	n	5.2E+01	n	2.2E+02	n	3.8E+01	n		8.1E-03	n	
1.5E+00	C	4.3E-04	C							1	0.1		Furium	531-82-8	3.6E-01	c	1.5E+00	c	6.5E-03	c	2.9E-02	c	5.1E-02	c		6.8E-05	c	
3.0E-02	I	8.6E-06	C							1	0.1		Furmecyclox	60568-05-0	1.8E+01	c	7.7E+01	c	3.3E-01	c	1.4E+00	c	1.1E+00	c		1.2E-03	c	
				6.0E-03	O					1	0.1		Glufosinate, Ammonium	77182-82-2	3.8E+02	n	4.9E+03	n					1.2E+02	n		2.6E-02	n	
				1.0E-01	A	8.0E-05	C			1	0.1		Glutaraldehyde	111-30-8	6.0E+03	n	7.0E+04	n	8.3E-02	n	3.5E-01	n	2.0E+03	n		4.0E-01	n	
				4.0E-04	I	1.0E-03	X	V		1		1.1E+05	Glycidaldehyde	765-34-4	2.3E+01	n	2.1E+02	n	1.0E+00	n	4.4E+00	n	1.7E+00	n		3.3E-04	n	
				1.0E-01	I					1	0.1		Glyphosate	1071-83-6	6.3E+03	n	8.2E+04	n					2.0E+03	n	7.0E+02	8.8E+00	n	3.1E+00
				1.0E-02	X			V		1			Guanidine	113-00-8	7.8E+02	n	1.2E+04	n					2.0E+02	n		4.5E-02	n	
				2.0E-02	P					1	0.1		Guanidine Chloride	50-01-1	1.3E+03	n	1.6E+04	n					4.0E+02	n				
				3.0E-02	X					1	0.1		Guanidine Nitrate	506-93-4	1.9E+03	n	2.5E+04	n					6.0E+02	n		1.5E-01	n	
				5.0E-05	I					1	0.1		Haloxyfop, Methyl	69806-40-2	3.2E+00	n	4.1E+01	n					7.6E-01	n		8.4E-03	n	
4.5E+00	I	1.3E-03	I	1.0E-04	A			V		1			Heptachlor	76-44-8	1.3E-01	c*	6.3E-01	c	2.2E-03	c	9.4E-03	c	1.4E-03	c	4.0E-01	1.2E-04	c	3.3E-02
9.1E+00	I	2.6E-03	I	1.3E-05	I			V		1			Heptachlor Epoxide	1024-57-3	7.0E-02	c*	3.3E-01	c*	1.1E-03	c	4.7E-03	c	1.4E-03	c*	2.0E-01	2.8E-05	c*	4.1E-03
						3.0E-03	X	V		1		2.1E+02	Heptanal, n-	111-71-7	2.4E+01	n	1.0E+02	n	3.1E+00	n	1.3E+01	n	6.3E+00	n		1.4E-03	n	
				3.0E-04	X	4.0E-01	P	V		1		5.8E+01	Heptane, N-	142-82-5	2.2E+01	n	2.9E+02	ns	4.2E+02	n	1.8E+03	n	6.0E+00	n		4.8E-02	n	
				2.0E-03	I			V		1			Hexabromobenzene	87-82-1	1.6E+02	n	2.3E+03	n					4.0E+01	n		2.3E-01	n	
				2.0E-04	I					1	0.1		Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2	1.3E+01	n	1.6E+02	n					4.0E+00	n				
1.6E+00	I	4.6E-04	I	1.0E-05	P			V		1			Hexachlorobenzene	118-74-1	2.1E-01	c**	9.6E-01	c*	6.1E-03	c	2.7E-02	c	9.8E-03	c*	1.0E+00	1.2E-04	c*	1.3E-02
7.8E-02	I	2.2E-05	I	1.0E-03	P			V		1		1.7E+01	Hexachlorobutadiene	87-68-3	1.2E+00	c*	5.3E+00	c	1.3E-01	c	5.6E-01	c	1.4E-01	c*		2.7E-04	c*	
6.3E+00	I	1.8E-03	I	8.0E-03	A					1	0.1		Hexachlorocyclohexane, Alpha-	319-84-6	8.6E-02	c	3.6E-01	c	1.6E-03	c	6.8E-03	c	7.2E-03	c		4.2E-05	c	
1.8E+00	I	5.3E-04	I							1	0.1		Hexachlorocyclohexane, Beta-	319-85-7	3.0E-01	c	1.3E+00	c	5.3E-03	c	2.3E-02	c	2.5E-02	c		1.5E-04	c	
1.1E+00	C	3.1E-04	C	1.0E-05	A					1	0.04		Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	5.7E-01	c**	2.5E+00	c**	9.1E-03	c	4.0E-02	c	4.2E-02	c**	2.0E-01	2.4E-04	c**	1.2E-03
1.8E+00	I	5.1E-04	I							1	0.1		Hexachlorocyclohexane, Technical	608-73-1	3.0E-01	c	1.3E+00	c	5.5E-03	c	2.4E-02	c	2.5E-02	c		1.5E-04	c	
				6.0E-03	I	2.0E-04	I	V		1		1.6E+01	Hexachlorocyclopentadiene	77-47-4	1.8E+00	n	7.5E+00	n	2.1E-01	n	8.8E-01	n	4.1E-01	n	5.0E+01	1.3E-03	n	1.6E-01
4.0E-02	I	1.1E-05	C	7.0E-04	I	3.0E-02	I	V		1			Hexachloroethane	67-72-1	1.8E+00	c*	8.0E+00	c*	2.6E-01	c	1.1E+00	c	3.3E-01	c*		2.0E-04	c*	
				3.0E-04	I					1	0.1		Hexachlorophene	70-30-4	1.9E+01	n	2.5E+02	n					6.0E+00	n		8.0E+00	n	
8.0E-02	I			4.0E-03	I					1	0.015		Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	8.3E+00	c*	3.8E+01	c					9.7E-01	c*		3.7E-04	c*	
						1.0E-05	I	V		1		3.4E+03	Hexamethylene Diisocyanate, 1,6-	822-06-0	3.1E+00	n	1.3E+01	n	1.0E-02	n	4.4E-02	n	2.1E-02	n		2.1E-04	n	
						4.0E-04	C			1	0.1		Hexamethylene diisocyanate biuret	4035-89-6	5.7E+05	nm	2.4E+06	nm	4.2E-01	n	1.8E+00	n							
						4.0E-04	C			1	0.1		Hexamethylene diisocyanate isocyanurate	3779-63-3	5.7E+05	nm	2.4E+06	nm	4.2E-01	n	1.8E+00	n							
				4.0E-04	P					1	0.1		Hexamethylphosphoramide	680-31-9	2.5E+01	n	3.3E+02	n					8.0E+00	n		1.8E-03	n	
		2.0E-07	X			6.0E-01	P	V		1		1.4E+02	Hexane, Commercial	E5241997	1.2E+01	c*	5.1E+01	c*	1.4E+01	c*	6.1E+01	c*	2.8E+01	c*		2.0E-01	c*	
						7.0E-01	I	V		1		1.4E+02	Hexane, N-	110-54-3	6.1E+02	ns	2.5E+03	ns	7.3E+02	n	3.1E+03	n	1.5E+03	n		1.0E+01	n	
				2.0E+00	P					1	0.1		Hexanedioic Acid	124-04-9	1.3E+05	nm	1.6E+06	nm					4.0E+04	n		9.9E+00	n	
9.5E-03	P			7.0E-02	P	4.0E-04	P	V		1		2.7E+02	Hexanol, 1-,2-ethyl- (2-Ethyl-1-hexanol)	104-76-7	1.5E+01	n	6.3E+01	n	4.2E-01	n	1.8E+00	n	8.3E-01	n		2.3E-04	n	
				5.0E-03	I	3.0E-02	I	V		1		3.3E+03	Hexanone, 2-	591-78-6	2.0E+02	n	1.3E+03	n	3.1E+01	n	1.3E+02	n	3.8E+01	n		8.8E-03	n	
				3.3E-02	I					1	0.1		Hexazinone	51235-04-2	2.1E+03	n	2.7E+04	n					6.4E+02	n		3.0E-01	n	
				2.5E-02	I					1	0.1		Hexythiazox	78587-05-0	1.6E+03	n	2.1E+04	n					1.1E+02	n		5.0E-01	n	
				1.7E-02	O					1	0.1		Hydramethylnon	67485-29-4	1.1E+03	n	1.4E+04	n					3.4E+02	n		1.2E+05	n	
3.0E+00	I	4.9E-03	I			3.0E-05	P	V		1		1.1E+05	Hydrazine	302-01-2	3.2E-02	c*	1.4E-01	c*	5.7E-04	c*	2.5E-03	c*	1.1E-03	c*		2.2E-07	c*	
3.0E+00	I	4.9E-03	I							1			Hydrazine Sulfate	10034-93-2	2.3E-01	c	1.1E+00	c	5.7E-04	c	2.5E-03	c	2.6E-02	c				
						2.0E-02	I	V		1			Hydrogen Chloride	7647-01-0	2.8E+07	nm	1.2E+08	nm	2.1E+01	n	8.8E+01	n	4.2E+01	n				
				4.0E-02	C	1.4E-02	C	V		1			Hydrogen Fluoride	7664-39-3	3.1E+03	n	4.7E+04	n	1.5E+01	n	6.1E+01	n	2.8E+01	n				
						2.0E-03	I	V		1			Hydrogen Sulfide	7783-06-4	2.8E+06	nm	1.2E+07	nm	2.1E+00	n	8.8E+00	n	4.2E+00	n				
6.0E-02	P			4.0E-02	P					1	0.1		Hydroquinone	123-31-9	9.0E+00	c	3.8E+01	c					1.3E+00	c		8.7E-04	c	

TR=1E-06 THQ=1.0

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user's guide; U = user provided; ca = cancer; nc = noncancer; * = where: nc SL < 100X ca SL; ** = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

Toxicity and Chemical-specific Information												Contaminant		Screening Levels											Protection of Groundwater SSLs		
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	mutagen	GIABS	ABS_d	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m^3)	key	Industrial Air (ug/m^3)	key	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
6.1E-02	O			1.1E-01	O					1	0.1		Imazalil	35554-44-0	8.9E+00	c	3.8E+01	c					9.0E-01	c		1.5E-02	c	
				2.5E-01	I					1	0.1		Imazaquin	81335-37-7	1.6E+04	n	2.1E+05	nm					4.9E+03	n		2.4E+01	n	
				2.5E+00	O					1	0.1		Imazethapyr	81335-77-5	1.6E+05	nm	2.1E+06	nm					4.7E+04	n		4.1E+01	n	
				1.0E-02	A					1			Iodine	7553-56-2	7.8E+02	n	1.2E+04	n					2.0E+02	n		1.2E+01	n	
				4.0E-02	I					1	0.1		Iprodione	36734-19-7	2.5E+03	n	3.3E+04	n					7.4E+02	n		2.2E-01	n	
				7.0E-01	P					1			Iron	7439-89-6	5.5E+04	n	8.2E+05	nm					1.4E+04	n		3.5E+02	n	
				3.0E-01	I			V		1		1.0E+04	Isobutyl Alcohol	78-83-1	2.3E+04	ns	3.5E+05	nms					5.9E+03	n		1.2E+00	n	
9.5E-04	I			2.0E-01	I	2.0E+00	C			1	0.1		Isophorone	78-59-1	5.7E+02	c*	2.4E+03	c*	2.1E+03	n	8.8E+03	n	7.8E+01	c*		2.6E-02	c*	
				1.5E-02	I			V		1			Isopropalin	33820-53-0	1.2E+03	n	1.8E+04	n					4.0E+01	n		9.2E-01	n	
				2.0E+00	P	2.0E-01	P	V		1		1.1E+05	Isopropanol	67-63-0	5.6E+03	n	2.4E+04	n	2.1E+02	n	8.8E+02	n	4.1E+02	n		8.4E-02	n	
				1.0E-01	I					1	0.1		Isopropyl Methyl Phosphonic Acid	1832-54-8	6.3E+03	n	8.2E+04	n					2.0E+03	n		4.3E-01	n	
				5.0E-02	I					1	0.1		Isoxaben	82558-50-7	3.2E+03	n	4.1E+04	n					7.3E+02	n		2.0E+00	n	
						3.0E-01	A	V		1			JP-7	E1737665	4.3E+08	nm	1.8E+09	nm	3.1E+02	n	1.3E+03	n	6.3E+02	n				
				8.0E-03	O					1	0.1		Lactofen	77501-63-4	5.1E+02	n	6.6E+03	n					1.0E+02	n		4.6E+00	n	
				2.0E-04	X					1	0.1		Lactonitrile	78-97-7	1.3E+01	n	1.6E+02	n					4.0E+00	n		8.1E-04	n	
				5.0E-05	P					1			Lanthanum	7439-91-0	3.9E+00	n	5.8E+01	n					1.0E+00	n				
				2.1E-05	P					1	0.1		Lanthanum Acetate Hydrate	100587-90-4	1.3E+00	n	1.7E+01	n					4.2E-01	n				
				1.9E-05	P					1			Lanthanum Chloride Heptahydrate	10025-84-0	1.5E+00	n	2.2E+01	n					3.7E-01	n				
				2.8E-05	P					1			Lanthanum Chloride, Anhydrous	10099-58-8	2.2E+00	n	3.3E+01	n					5.7E-01	n				
				1.6E-05	P					1			Lanthanum Nitrate Hexahydrate	10277-43-7	1.3E+00	n	1.9E+01	n					3.2E-01	n				
													Lead Compounds															
8.5E-03	C	1.2E-05	C							1			~Lead Phosphate	7446-27-7	8.2E+01	c	3.8E+02	c	2.3E-01	c	1.0E+00	c	9.1E+00	c				
2.1E-01	C	8.0E-05	C							1	0.1		~Lead acetate	301-04-2	2.6E+00	c	1.1E+01	c	3.5E-02	c	1.5E-01	c	3.7E-01	c		7.5E-05	c	
										1			~Lead and Compounds	7439-92-1	4.0E+02	G	8.0E+02	G	1.5E-01	G			1.5E+01	G	1.5E+01			1.4E+01
3.8E-02	C	1.1E-05	C							1	0.1		~Lead subacetate	1335-32-6	1.4E+01	c	6.0E+01	c	2.6E-01	c	1.1E+00	c	2.1E+00	c		4.5E-04	c	
				1.0E-07	I			V		1		2.4E+00	~Tetraethyl Lead	78-00-2	7.8E-03	n	1.2E-01	n					1.3E-03	n		4.7E-06	n	
				5.0E-06	P			V		1		3.8E+02	Lewisite	541-25-3	3.9E-01	n	5.8E+00	n					9.0E-02	n		3.8E-05	n	
				7.7E-03	O					1	0.1		Linuron	330-55-2	4.9E+02	n	6.3E+03	n					1.3E+02	n		1.1E-01	n	
				2.0E-03	P					1			Lithium	7439-93-2	1.6E+02	n	2.3E+03	n					4.0E+01	n		1.2E+01	n	
				5.0E-04	I					1	0.1		MCPA	94-74-6	3.2E+01	n	4.1E+02	n					7.5E+00	n		2.0E-03	n	
				4.4E-02	O					1	0.1		MCPB	94-81-5	2.8E+03	n	3.6E+04	n					6.5E+02	n		2.6E-01	n	
				1.0E-03	I					1	0.1		MCPP	93-65-2	6.3E+01	n	8.2E+02	n					1.6E+01	n		4.7E-03	n	
				2.0E-02	I					1	0.1		Malathion	121-75-5	1.3E+03	n	1.6E+04	n					3.9E+02	n		1.0E-01	n	
				1.0E-01	I	7.0E-04	C			1	0.1		Maleic Anhydride	108-31-6	6.3E+03	n	8.0E+04	n	7.3E-01	n	3.1E+00	n	1.9E+03	n		3.8E-01	n	
				5.0E-01	I					1	0.1		Maleic Hydrazide	123-33-1	3.2E+04	n	4.1E+05	nm					1.0E+04	n		2.1E+00	n	
				1.0E-04	P					1	0.1		Malononitrile	109-77-3	6.3E+00	n	8.2E+01	n					2.0E+00	n		4.1E-04	n	
				3.0E-02	H					1	0.1		Mancozeb	8018-01-7	1.9E+03	n	2.5E+04	n					5.4E+02	n		7.6E-01	n	
				5.0E-03	I					1	0.1		Maneb	12427-38-2	3.2E+02	n	4.1E+03	n					9.8E+01	n		1.4E-01	n	
				1.4E-01	I	5.0E-05	I			1			Manganese (Diet)	7439-96-5					5.2E-02	n	2.2E-01	n						
				2.4E-02	G	5.0E-05	I			0.04			Manganese (Non-diet)	7439-96-5	1.8E+03	n	2.6E+04	n	5.2E-02	n	2.2E-01	n	4.3E+02	n		2.8E+01	n	
				9.0E-05	H					1	0.1		Mephosfolan	950-10-7	5.7E+00	n	7.4E+01	n					1.8E+00	n		2.6E-03	n	
				3.0E-02	I					1	0.1		Mepiquat Chloride	24307-26-4	1.9E+03	n	2.5E+04	n					6.0E+02	n		2.0E-01	n	
1.1E-02	P			4.0E-03	P					1	0.1		Mercaptobenzothiazole, 2-	149-30-4	4.9E+01	c**	2.1E+02	c*					6.3E+00	c*		1.8E-02	c*	
													Mercury Compounds															
				3.0E-04	I	3.0E-04	G			0.07			~Mercuric Chloride (and other Mercury salts)	7487-94-7	2.3E+01	n	3.5E+02	n	3.1E-01	n	1.3E+00	n	5.7E+00	n	2.0E+00			
						3.0E-04	I	V		1		3.1E+00	~Mercury (elemental)	7439-97-6	1.1E+01	ns	4.6E+01	ns	3.1E-01	n	1.3E+00	n	6.3E-01	n	2.0E+00	3.3E-02	n	1.0E-01
				1.0E-04	I					1			~Methyl Mercury	22967-92-6	7.8E+00	n	1.2E+02	n					2.0E+00	n		1.4E+01	n	
				8.0E-05	I					1	0.1		~Phenylmercuric Acetate	62-38-4	5.1E+00	n	6.6E+01	n					1.6E+00	n		5.0E-04	n	
				3.0E-05	I			V		1			Merphos	150-50-5	2.3E+00	n	3.5E+01	n					6.0E-01	n		5.9E-02	n	
				6.0E-02	I					1	0.1		Metalaxyl	57837-19-1	3.8E+03	n	4.9E+04	n					1.2E+03	n		3.3E-01	n	
				1.0E-04	I	3.0E-02	P	V		1		4.6E+03	Methacrylonitrile	126-98-7	7.5E+00	n	1.0E+02	n	3.1E+01	n	1.3E+02	n	1.9E+00	n		4.3E-04	n	
				5.0E-05	I					1	0.1		Methamidophos	10265-92-6	3.2E+00	n	4.1E+01	n					1.0E+00	n		2.1E-04	n	
				2.0E+00	I	2.0E+01	I	V		1		1.1E+05	Methanol	67-56-1	1.2E+05	nms	1.2E+06	nms	2.1E+04	n	8.8E+04	n	2.0E+04	n		4.1E+00	n	
				1.5E-03	O					1	0.1		Methidathion	950-37-8	9.5E+01	n	1.2E+03	n					2.9E+01	n		7.1E-03	n	
				2.5E-02	I					1	0.1		Methomyl	16752-77-5	1.6E+03	n	2.1E+04	n					5.0E+02	n		1.1E-01	n	
4.9E-02	C									1	0.1		Methoxy-5-nitroaniline, 2-	99-59-2	1.1E+01	c	4.7E+01	c					1.5E+00	c		5.3E-04	c	
				5.0E-03	I					1	0.1		Methoxychlor	72-43-5	3.2E+02	n	4.1E+03	n					3.7E+01	n	4.0E+01	2.0E+00	n	2.2E+00
				8.0E-03	P	1.0E-03	P	V		1		1.2E+05	Methoxyethanol Acetate, 2-	110-49-6	1.1E+02	n	5.1E+02	n	1.0E+00	n	4.4E+00	n	2.1E+00	n		4.2E-04	n	
				5.0E-03	P	7.0E-03	P	V		1		1.1E+05	Methoxyethanol, 2-	109-86-4	2.6E+02	n	2.0E+03	n	7.3E+00	n	3.1E+01	n	1.3E+01	n		2.6E-03	n	
				1.0E+00	X			V		1		2.9E+04	Methyl Acetate	79-20-9	7.8E+04	ns	1.2E+06	nms					2.0E+04	n		4.1E+00	n	
						2.0E-02	P	V		1		6.8E+03	Methyl Acrylate	96-33-3	1.5E+02	n	6.1E+02	n	2.1E+01	n	8.8E+01	n	4.2E+01	n		8.9E-03	n	
				6.0E-01	I	5.0E+00	I	V		1		2.8E+04	Methyl Ethyl Ketone (2-Butanone)	78-93-3	2.7E+04	n	1.9E+05	nms	5.2E+03	n	2.2E+04	n	5.6E+03	n		1.2E+00	n	
		1.0E-03	X	1.0E-03	P	2.0E-05	X	V		1		1.8E+05	Methyl Hydrazine	60-34-4	1.4E-01	c**	6.2E-01	c**	2.8E-03	c**	1.2E-02	c**	5.6E-03	c**		1.3E-06	c**	
						3.0E+00	I	V		1		3.4E+03	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	3.3E+04	ns	1.4E+05	nms	3.1E+03	n	1.3E+04	n	6.3E+03	n		1.4E+00	n	
						1.0E-03	C	V		1		1.0E+04	Methyl Isocyanate	624-83-9	4.6E+00	n	1.9E+01	n	1.0E+00	n	4.4E+00	n	2.1E+00	n		5.9E-04	n	
				1.4E+00	I	7.0E-01	I	V		1		2.4E+03	Methyl Methacrylate	80-62-6	4.4E+03	ns	1.9E+04	ns	7.3E+02	n	3.1E+03	n	1.4E+03	n		3.0E-01	n	
				2.5E-04	I					1	0.1		Methyl Parathion	298-00-0	1.6E+01	n	2.1E+02	n					4.5E+00	n		7.4E-03	n	
				6.0E-02	X					1	0.1		Methyl Phosphonic Acid	993-13-5	3.8E+03	n	4.9E+04	n					1.2E+03	n		2.4E-01	n	
				6.0E-03	H	4.0E-02	H	V		1		3.9E+02	Methyl Styrene (Mixed Isomers)	25013-15-4	3.2E+02	n	2.6E+03	ns	4.2E+01	n	1.8E+02	n	2.3E+01	n		3.8E-02	n	
9.9E-02	C	2.8E-05	C							1	0.1		Methyl methanesulfonate	66-27-3	5.5E+00	c	2.3E+01	c	1.0E-01	c	4.4E-01	c	7.9E-01	c		1.6E-04	c	
1.8E-03	C	2.6E-07	C			3.0E+00	I	V		1		8.9E+03	Methyl tert-Butyl Ether (MTBE)	1634-04-4	4.7E+01	c	2.1E+02	c	1.1E+01	c	4.7E+01	c	1.4E+01	c		3.2E-03	c	
				3.0E-04	X					1	0.1		Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2	1.9E+01	n	2.5E+02	n					6.0E+00	n		3.6E-03	n	
						3.0E+00	X	V		1		2.5E+03	Methyl-2-Pentanol, 4-	108-11-2	5.4E+04	ns	2.3E+05	nms	3.1E+03	n	1.3E+04	n	6.3E+03	n		1.4E+00	n	
9.0E-03	P			2.0E-02	X					1	0.1		Methyl-5-Nitroaniline, 2-	99-55-8	6.0E+01	c*	2.6E+02	c*					8.2E+00	c*		4.6E-03	c*	
8.3E+00	C	2.4E-03	C							1	0.1		Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	6.5E-02	c	2.8E-01	c	1.2E-03	c	5.1E-03	c	9.4E-03	c		3.2E-06	c	
1.3E-01	C	3.7E-05	C							1	0.1		Methylaniline Hydrochloride, 2-	636-21-5	4.2E+00	c	1.8E+01	c	7.6E-02	c	3.3E-01	c	6.0E-01	c		2.6E-04	c	
				1.0E-02	A					1	0.1		Methylarsonic acid	124-58-3	6.3E+02	n	8.2E+03	n					2.0E+02	n		5.8E-02	n	
				2.0E-04	X					1	0.1		Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7	1.3E+01	n	1.6E+02	n					4.0E+00	n				
1.0E-01	X			3.0E-04	X					1	0.1		Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	5.4E+00	c**	2.3E+01	c*					7.8E-01	c**				

TR=1E-06
THQ=1.0

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user's guide; U = user provided; ca = cancer; nc = noncancer; * = where: nc SL < 100X ca SL; ** = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

Toxicity and Chemical-specific Information													Contaminant		Screening Levels												Protection of Groundwater SSLs		
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	mutagen	GIABS	ABS_d	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m^3)	key	Industrial Air (ug/m^3)	key	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
2.2E+01	C	6.3E-03	C						M	1	0.1		Methylcholanthrene, 3-	56-49-5	5.5E-03	c	1.0E-01	c	1.6E-04	c	1.9E-03	c	1.1E-03	c		2.2E-03	c	
2.0E-03	I	1.0E-08	I	6.0E-03	I	6.0E-01	I	V	M	1		3.3E+03	Methylene Chloride	75-09-2	5.7E+01	c**	1.0E+03	c**	1.0E+02	c**	1.2E+03	c**	1.1E+01	c**	5.0E+00	2.9E-03	c**	1.3E-03
1.0E-01	P	4.3E-04	C	2.0E-03	P				M	1	0.1		Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	1.2E+00	c	2.3E+01	c*	2.4E-03	c	2.9E-02	c	1.6E-01	c		1.8E-03	c	
4.6E-02	I	1.3E-05	C							1	0.1		Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	1.2E+01	c	5.0E+01	c	2.2E-01	c	9.4E-01	c	7.0E-01	c		3.9E-03	c	
1.6E+00	C	4.6E-04	C			2.0E-02	C			1	0.1		Methylenebisbenzenamine, 4,4'-	101-77-9	3.4E-01	c	1.4E+00	c	6.1E-03	c	2.7E-02	c	4.7E-02	c		2.1E-04	c	
						6.0E-04	I			1	0.1		Methylenediphenyl Diisocyanate	101-68-8	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n							
				7.0E-02	H			V		1		5.0E+02	Methylstyrene, Alpha-	98-83-9	5.5E+03	ns	8.2E+04	ns					7.8E+02	n		1.2E+00	n	
				1.5E-01	I					1	0.1		Metolachlor	51218-45-2	9.5E+03	n	1.2E+05	nm					2.7E+03	n		3.2E+00	n	
				2.5E-02	I					1	0.1		Metribuzin	21087-64-9	1.6E+03	n	2.1E+04	n					4.9E+02	n		1.5E-01	n	
				2.5E-01	I					1	0.1		Metsulfuron-methyl	74223-64-6	1.6E+04	n	2.1E+05	nm					4.9E+03	n		1.9E+00	n	
		4.5E-06	X	1.0E-02	X	1.0E-01	P	V		1		6.9E+00	Midrange Aliphatic Hydrocarbon Streams	E1790669	6.5E-01	c	2.8E+00	c	6.2E-01	c	2.7E+00	c	1.2E+00	c*		1.8E-02	c*	
				3.0E+00	P			V		1		3.4E-01	Mineral oils	8012-95-1	2.3E+05	nms	3.5E+06	nms					6.0E+04	n		2.4E+03	n	
1.8E+01	C	5.1E-03	C	2.0E-04	I			V		1			Mirex	2385-85-5	3.6E-02	c	1.7E-01	c	5.5E-04	c	2.4E-03	c	8.8E-04	c		6.3E-04	c	
				2.0E-03	I					1	0.1		Molinate	2212-67-1	1.3E+02	n	1.6E+03	n					3.0E+01	n		1.7E-02	n	
				5.0E-03	I	2.0E-03	A			1			Molybdenum	7439-98-7	3.9E+02	n	5.8E+03	n	2.1E+00	n	8.8E+00	n	1.0E+02	n		2.0E+00	n	
				1.0E-01	I					1			Monochloramine	10599-90-3	7.8E+03	n	1.2E+05	nm					2.0E+03	n	4.0E+03(G)			
				2.0E-03	P					1	0.1		Monomethylaniline	100-61-8	1.3E+02	n	1.6E+03	n					3.8E+01	n		1.4E-02	n	
				2.5E-02	I					1	0.1		Myclobutanil	88671-89-0	1.6E+03	n	2.1E+04	n					4.5E+02	n		5.6E+00	n	
				3.0E-04	X					1	0.1		N,N'-Diphenyl-1,4-benzenediamine	74-31-7	1.9E+01	n	2.5E+02	n					3.6E+00	n		3.7E-01	n	
				2.0E-03	I			V		1			Naled	300-76-5	1.6E+02	n	2.3E+03	n					4.0E+01	n		1.8E-02	n	
				3.0E-02	X	1.0E-01	P	V		1			Naphtha, High Flash Aromatic (HFAN)	64742-95-6	2.3E+03	n	3.5E+04	n	1.0E+02	n	4.4E+02	n	1.5E+02	n				
1.8E+00	C	0.0E+00	C							1	0.1		Naphthylamine, 2-	91-59-8	3.0E-01	c	1.3E+00	c					3.9E-02	c		2.0E-04	c	
				1.2E-01	O					1	0.1		Napropamide	15299-99-7	7.6E+03	n	9.8E+04	n					2.0E+03	n		1.3E+01	n	
		2.6E-04	C	1.1E-02	C	1.4E-05	C			1	0.1		Nickel Acetate	373-02-4	6.7E+02	n	8.1E+03	n	1.1E-02	c**	4.7E-02	c**	2.2E+02	n		4.5E-02	n	
		2.6E-04	C	1.1E-02	C	1.4E-05	C			1	0.1		Nickel Carbonate	3333-67-3	6.7E+02	n	8.1E+03	n	1.1E-02	c**	4.7E-02	c**	2.2E+02	n				
		2.6E-04	C	1.1E-02	C	1.4E-05	C	V		1			Nickel Carbonyl	13463-39-3	8.2E+02	n	1.1E+04	n	1.1E-02	c**	4.7E-02	c**	2.2E-02	c**				
		2.6E-04	C	1.1E-02	C	1.4E-05	C			0.04			Nickel Hydroxide	12054-48-7	8.2E+02	n	1.1E+04	n	1.1E-02	c**	4.7E-02	c**	2.0E+02	n				
		2.6E-04	C	1.1E-02	C	2.0E-05	C			0.04			Nickel Oxide	1313-99-1	8.4E+02	n	1.2E+04	n	1.1E-02	c**	4.7E-02	c**	2.0E+02	n				
		2.4E-04	I	1.1E-02	C	1.4E-05	C			0.04			Nickel Refinery Dust	E715532	8.2E+02	n	1.1E+04	n	1.2E-02	c**	5.1E-02	c**	2.2E+02	n		3.2E+01	n	
		2.6E-04	C	2.0E-02	I	9.0E-05	A			0.04			Nickel Soluble Salts	7440-02-0	1.5E+03	n	2.2E+04	n	1.1E-02	c**	4.7E-02	c**	3.9E+02	n		2.6E+01	n	
1.7E+00	C	4.8E-04	I	1.1E-02	C	1.4E-05	C			0.04			Nickel Subsulfide	12035-72-2	4.1E-01	c	1.9E+00	c	5.8E-03	c**	2.6E-02	c**	4.5E-02	c				
9.1E-01	C	2.6E-04	C	1.1E-02	C	1.4E-05	C			1	0.1		Nickelocene	1271-28-9	6.0E-01	c	2.5E+00	c	1.1E-02	c**	4.7E-02	c**	8.6E-02	c				
				1.6E+00	I					1			Nitrate (measured as nitrogen)	14797-55-8	1.3E+05	nm	1.9E+06	nm					3.2E+04	n	1.0E+04			
										1			Nitrate + Nitrite (measured as nitrogen)	E701177											1.0E+04			
				1.0E-01	I					1			Nitrite (measured as nitrogen)	14797-65-0	7.8E+03	n	1.2E+05	nm					2.0E+03	n	1.0E+03			
				1.0E-02	X	5.0E-05	X			1	0.1		Nitroaniline, 2-	88-74-4	6.3E+02	n	8.0E+03	n	5.2E-02	n	2.2E-01	n	1.9E+02	n		8.0E-02	n	
2.0E-02	P			4.0E-03	P	6.0E-03	P			1	0.1		Nitroaniline, 4-	100-01-6	2.7E+01	c**	1.1E+02	c*	6.3E+00	n	2.6E+01	n	3.8E+00	c*		1.6E-03	c*	
		4.0E-05	I	2.0E-03	I	9.0E-03	I	V		1		3.1E+03	Nitrobenzene	98-95-3	5.1E+00	c*	2.2E+01	c*	7.0E-02	c	3.1E-01	c	1.4E-01	c*		9.2E-05	c*	
				3.0E+03	P					1	0.1		Nitrocellulose	9004-70-0	1.9E+08	nm	2.5E+09	nm					6.0E+07	n		1.3E+04	n	
				7.0E-02	H					1	0.1		Nitrofurantoin	67-20-9	4.4E+03	n	5.7E+04	n					1.4E+03	n		6.1E-01	n	
1.3E+00	C	3.7E-04	C							1	0.1		Nitrofurazone	59-87-0	4.2E-01	c	1.8E+00	c	7.6E-03	c	3.3E-02	c	6.0E-02	c		5.4E-05	c	
1.7E-02	P			1.0E-04	P					1	0.1		Nitroglycerin	55-63-0	6.3E+00	n	8.2E+01	n					2.0E+00	n		8.5E-04	n	
				1.0E-01	I					1	0.1		Nitroguanidine	556-88-7	6.3E+03	n	8.2E+04	n					2.0E+03	n		4.8E-01	n	
		8.8E-06	P			5.0E-03	P	V		1		1.8E+04	Nitromethane	75-52-5	5.4E+00	c*	2.4E+01	c*	3.2E-01	c*	1.4E+00	c*	6.4E-01	c*		1.4E-04	c*	
		5.8E-04	X			2.0E-02	I	V		1		4.9E+03	Nitropropane, 2-	79-46-9	6.4E-02	c	2.8E-01	c	4.8E-03	c	2.1E-02	c	9.7E-03	c		2.5E-06	c	
2.7E+01	C	7.7E-03	C						M	1	0.1		Nitroso-N-ethylurea, N-	759-73-9	4.5E-03	c	8.5E-02	c	1.3E-04	c	1.6E-03	c	9.2E-04	c		2.2E-07	c	
1.2E+02	C	3.4E-02	C						M	1	0.1		Nitroso-N-methylurea, N-	684-93-5	1.0E-03	c	1.9E-02	c	3.0E-05	c	3.6E-04	c	2.1E-04	c		4.6E-08	c	
5.4E+00	I	1.6E-03	I					V		1			Nitroso-di-N-butylamine, N-	924-16-3	9.9E-02	c	4.6E-01	c	1.8E-03	c	7.7E-03	c	2.7E-03	c		5.5E-06	c	
7.0E+00	I	2.0E-03	C							1	0.1		Nitroso-di-N-propylamine, N-	621-64-7	7.8E-02	c	3.3E-01	c	1.4E-03	c	6.1E-03	c	1.1E-02	c		8.1E-06	c	
2.8E+00	I	8.0E-04	C							1	0.1		Nitrosodiethanolamine, N-	1116-54-7	1.9E-01	c	8.2E-01	c	3.5E-03	c	1.5E-02	c	2.8E-02	c		5.6E-06	c	
1.5E+02	I	4.3E-02	I						M	1	0.1		Nitrosodiethylamine, N-	55-18-5	8.1E-04	c	1.5E-02	c	2.4E-05	c	2.9E-04	c	1.7E-04	c		6.1E-08	c	
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X	V	M	1		2.4E+05	Nitrosodimethylamine, N-	62-75-9	2.0E-03	c	3.4E-02	c	7.2E-05	c	8.8E-04	c	1.1E-04	c		2.7E-08	c	
4.9E-03	I	2.6E-06	C							1	0.1		Nitrosodiphenylamine, N-	86-30-6	1.1E+02	c	4.7E+02	c	1.1E+00	c	4.7E+00	c	1.2E+01	c		6.7E-02	c	
2.2E+01	I	6.3E-03	C					V		1		1.1E+05	Nitrosomethylethylamine, N-	10595-95-6	2.0E-02	c	9.1E-02	c	4.5E-04	c	1.9E-03	c	7.1E-04	c		2.0E-07	c	
6.7E+00	C	1.9E-03	C							1	0.1		Nitrosomorpholine [N-]	59-89-2	8.1E-02	c	3.4E-01	c	1.5E-03	c	6.5E-03	c	1.2E-02	c		2.8E-06	c	
9.4E+00	C	2.7E-03	C							1	0.1		Nitrosopiperidine [N-]	100-75-4	5.8E-02	c	2.4E-01	c	1.0E-03	c	4.5E-03	c	8.2E-03	c		4.4E-06	c	
2.1E+00	I	6.1E-04	I							1	0.1		Nitrosopyrrolidine, N-	930-55-2	2.6E-01	c	1.1E+00	c	4.6E-03	c	2.0E-02	c	3.7E-02	c		1.4E-05	c	
				1.0E-04	X					1	0.1		Nitrotoluene, m-	99-08-1	6.3E+00	n	8.2E+01	n					1.7E+00	n		1.6E-03	n	
2.2E-01	P			9.0E-04	P			V		1		1.5E+03	Nitrotoluene, o-	88-72-2	3.2E+00	c*	1.5E+01	c*					3.1E-01	c*		3.0E-04	c*	
1.6E-02	P			4.0E-03	P					1	0.1		Nitrotoluene, p-	99-99-0	3.4E+01	c**	1.4E+02	c*					4.3E+00	c*		4.0E-03	c*	
				3.0E-04	X	2.0E-02	P	V		1		6.9E+00	Nonane, n-	111-84-2	1.1E+01	ns	7.2E+01	ns	2.1E+01	n	8.8E+01	n	5.3E+00	n		7.5E-02	n	
				1.5E-03	O					1	0.1		Norflurazon	27314-13-2	9.5E+01	n	1.2E+03	n					2.9E+01	n		1.9E-01	n	
				3.0E-03	I					1	0.1		Octabromodiphenyl Ether	32536-52-0	1.9E+02	n	2.5E+03	n					6.0E+01	n		1.2E+01	n	
				5.0E-02	I					1	0.006		Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0	3.9E+03	n	5.7E+04	n					1.0E+03	n		1.3E+00	n	
				2.0E-03	H					1	0.1		Octamethylpyrophosphoramide	152-16-9	1.3E+02	n	1.6E+03	n					4.0E+01	n		9.6E-03	n	
7.8E-03	O			1.9E-01	O					1	0.1		Oryzalin	19044-88-3	7.0E+01	c	2.9E+02	c					7.9E+00	c		1.5E-02	c	
				5.0E-03	I					1	0.1		Oxadiazon	19666-30-9	3.2E+02	n	4.1E+03	n					4.7E+01	n		4.8E-01	n	
				2.5E-02	I					1	0.1		Oxamyl	23135-22-0	1.6E+03	n	2.1E+04	n					5.0E+02	n	2.0E+02	1.1E-01	n	4.4E-02
7.3E-02	O			4.0E-02	O					1	0.1		Oxyfluorfen	42874-03-3	7.4E+00	c	3.1E+01	c					5.4E-01	c		4.3E-02	c	
				1.3E-02	I					1	0.1		Paclobutrazol	76738-62-0	8.2E+02	n	1.1E+04	n					2.3E+02	n		4.6E-01	n	
				4.5E-03	I					1	0.1		Paraquat Dichloride	1910-42-5	2.8E+02	n	3.7E+03	n					9.0E+01	n		1.2E+00	n	
				6.0E-03	H					1	0.1		Parathion	56-38-2	3.8E+02	n	4.9E+03	n					8.6E+01	n		4.3E-01	n	
				5.0E-02	H			V		1			Pebulate	1114-71-2	3.9E+03	n	5.8E+04	n					5.6E+02	n		4.5E-01	n	
				3.0E-01	O					1	0.1		Pendimethalin	40487-42-1	1.9E+04	n	2.5E+05	nm					1.4E+03	n		1.6E+01	n	
				2.0E-03	I			V		1		3.1E-01	Pentabromodiphenyl Ether	32534-81-9	1.6E+02	ns	2.3E+03	ns					4.0E+01	n		1.7E+00	n	
				1.0E-04	I					1	0.1		Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9	6.3E+00	n	8.2E+01	n					2.0E+00	n		8.7E-02	n	
				8.0E-04	I			V		1			Pentachlorobenzene	608-93-5	6.3E+01	n	9.3E+02	n					3.2E+00	n		2.4E-02	n	
9.0E-02	P							V		1		4.6E+02	Pentachloroethane	76-01-7	7.7E+00	c	3.6E+01	c					6.5E-01	c		3.1E-04	c	
2.6E-01	H			3.0E-03	I			V		1			Pentachloronitrobenzene	82-68-8	2.7E+00	c*	1.3E+01	c					1.2E-01	c		1.5E-03	c	

TR=1E-06 THQ=1.0

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user's guide; U = user provided; ca = cancer; nc = noncancer; * = where: nc SL < 100X ca SL; ** = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

Toxicity and Chemical-specific Information														Contaminant		Screening Levels												Protection of Groundwater SSLs		
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	mutagen	GIABS	ABS_d	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m^3)	key	Industrial Air (ug/m^3)	key	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
4.0E-01	I	5.1E-06	C	5.0E-03	I					1	0.25		Pentachlorophenol	87-86-5	1.0E+00	c	4.0E+00	c	5.5E-01	c	2.4E+00	c	4.1E-02	c	1.0E+00	5.7E-05	c	1.4E-03
4.3E-03	X			9.0E-03	P					1	0.1		Pentaerythritol tetranitrate (PETN)	78-11-5	1.3E+02	c**	5.3E+02	c*					1.7E+01	c**		2.6E-02	c**	
				1.0E-04	X					1	0.1		Pentamethylphosphoramide (PMPA)	10159-46-3	6.3E+00	n	8.2E+01	n					2.0E+00	n		4.1E-04	n	
						1.0E+00	P	V		1		3.9E+02	Pentane, n-	109-66-0	8.1E+02	ns	3.4E+03	ns	1.0E+03	n	4.4E+03	n	2.1E+03	n		1.0E+01	n	
													Per- and Polyfluoroalkyl Substances (PFAS)																
				3.0E-06	D					1	0.1		~Ammonium perfluoro-2-methyl-3-oxahexanoate	62037-80-3	1.9E-01	n	2.5E+00	n					6.0E-02	n		1.3E-05	n	
				3.0E-06	D			V		1			~Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	2.3E-01	n	3.5E+00	n					6.0E-02	n				
				3.0E-04	P					1	0.1		~Perfluorobutanesulfonate	45187-15-3	1.9E+01	n	2.5E+02	n					6.0E+00	n		1.9E-03	n	
				3.0E-04	P					1	0.1		~Perfluorobutanesulfonic acid (PFBS)	375-73-5	1.9E+01	n	2.5E+02	n					6.0E+00	n		1.9E-03	n	
				2.0E-05	A					1	0.1		~Perfluorohexanesulfonate	108427-53-8	1.3E+00	n	1.6E+01	n					3.9E-01	n		1.7E-04	n	
				2.0E-05	A					1	0.1		~Perfluorohexanesulfonic acid (PFHxS)	355-46-4	1.3E+00	n	1.6E+01	n					3.9E-01	n		1.7E-04	n	
				3.0E-06	A					1	0.1		~Perfluorononanoate	72007-68-2	1.9E-01	n	2.5E+00	n					5.9E-02	n		2.5E-04	n	
				3.0E-06	A					1	0.1		~Perfluorononanoic acid (PFNA)	375-95-1	1.9E-01	n	2.5E+00	n					5.9E-02	n		2.5E-04	n	
				2.0E-06	A					1	0.1		~Perfluorooctanesulfonate	45298-90-6	1.3E-01	n	1.6E+00	n					4.0E-02	n		3.8E-05	n	
				2.0E-06	A					1	0.1		~Perfluorooctanesulfonic acid (PFOS)	1763-23-1	1.3E-01	n	1.6E+00	n					4.0E-02	n		3.8E-05	n	
7.0E-02	D			3.0E-06	A					1	0.1		~Perfluorooctanoate	45285-51-6	1.9E-01	n	2.5E+00	n					6.0E-02	n		9.1E-04	n	
7.0E-02	D			3.0E-06	A					1	0.1		~Perfluorooctanoic acid (PFOA)	335-67-1	1.9E-01	n	2.5E+00	n					6.0E-02	n		9.1E-04	n	
				3.0E-04	P					1	0.1		~Potassium perfluorobutanesulfonate	29420-49-3	1.9E+01	n	2.5E+02	n					6.0E+00	n		3.0E-03	n	
				2.0E-06	A					1	0.1		~Potassium perfluorooctanesulfonate	2795-39-3	1.3E-01	n	1.6E+00	n					4.0E-02	n				
													Perchlorates																
				7.0E-04	I					1			~Ammonium Perchlorate	7790-98-9	5.5E+01	n	8.2E+02	n					1.4E+01	n				
				7.0E-04	I					1			~Lithium Perchlorate	7791-03-9	5.5E+01	n	8.2E+02	n					1.4E+01	n				
				7.0E-04	I					1			~Perchlorate and Perchlorate Salts	14797-73-0	5.5E+01	n	8.2E+02	n					1.4E+01	n	1.5E+01(G)			
				7.0E-04	I					1			~Potassium Perchlorate	7778-74-7	5.5E+01	n	8.2E+02	n					1.4E+01	n				
				7.0E-04	I					1			~Sodium Perchlorate	7601-89-0	5.5E+01	n	8.2E+02	n					1.4E+01	n				
				5.0E-02	I					1	0.1		Permethrin	52645-53-1	3.2E+03	n	4.1E+04	n					1.0E+03	n		2.4E+02	n	
2.2E-03	C	6.3E-07	C							1	0.1		Phenacetin	62-44-2	2.5E+02	c	1.0E+03	c	4.5E+00	c	1.9E+01	c	3.4E+01	c		9.7E-03	c	
				2.4E-01	O					1	0.1		Phenmedipham	13684-63-4	1.5E+04	n	2.0E+05	nm					3.8E+03	n		2.1E+01	n	
				3.0E-01	I	2.0E-01	C			1	0.1		Phenol	108-95-2	1.9E+04	n	2.5E+05	nm	2.1E+02	n	8.8E+02	n	5.8E+03	n		3.3E+00	n	
				4.0E-03	I					1	0.1		Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1	2.5E+02	n	3.3E+03	n					7.8E+01	n		2.5E-02	n	
				5.0E-04	X					1	0.1		Phenothiazine	92-84-2	3.2E+01	n	4.1E+02	n					4.3E+00	n		1.4E-02	n	
				2.0E-04	X			V		1		1.3E+02	Phenyl Isothiocyanate	103-72-0	1.6E+01	n	2.3E+02	ns					2.6E+00	n		1.7E-03	n	
				6.0E-03	I					1	0.1		Phenylenediamine, m-	108-45-2	3.8E+02	n	4.9E+03	n					1.2E+02	n		3.2E-02	n	
1.2E-01	P			4.0E-03	P					1	0.1		Phenylenediamine, o-	95-54-5	4.5E+00	c*	1.9E+01	c					6.5E-01	c		1.7E-04	c	
				1.0E-03	X					1	0.1		Phenylenediamine, p-	106-50-3	6.3E+01	n	8.2E+02	n					2.0E+01	n		5.4E-03	n	
1.9E-03	H									1	0.1		Phenylphenol, 2-	90-43-7	2.8E+02	c	1.2E+03	c					3.0E+01	c		4.1E-01	c	
				2.0E-04	H					1	0.1		Phorate	298-02-2	1.3E+01	n	1.6E+02	n					3.0E+00	n		3.4E-03	n	
						3.0E-04	I	V		1		1.6E+03	Phosgene	75-44-5	3.1E-01	n	1.3E+00	n	3.1E-01	n	1.3E+00	n	6.3E-01	n		1.6E-04	n	
				2.0E-02	I					1	0.1		Phosmet	732-11-6	1.3E+03	n	1.6E+04	n					3.7E+02	n		8.2E-02	n	
				3.0E-04	I	3.0E-04	I	V		1			Phosphine	7803-51-2	2.3E+01	n	3.5E+02	n	3.1E-01	n	1.3E+00	n	5.7E-01	n				
						1.0E-02	I			1			Phosphoric Acid	7664-38-2	1.4E+07	nm	6.0E+07	nm	1.0E+01	n	4.4E+01	n						
				2.0E-05	I			V		1			Phosphorus, White	7723-14-0	1.6E+00	n	2.3E+01	n					4.0E-01	n		1.5E-03	n	
													Phthalates																
1.4E-02	I	2.4E-06	C	2.0E-02	I					1	0.1		~Bis(2-ethylhexyl)phthalate	117-81-7	3.9E+01	c*	1.6E+02	c	1.2E+00	c	5.1E+00	c	5.6E+00	c*	6.0E+00	1.3E+00	c*	1.4E+00
1.9E-03	P			2.0E-01	I					1	0.1		~Butyl Benzyl Phthalate	85-68-7	2.9E+02	c*	1.2E+03	c					1.6E+01	c		2.4E-01	c	
				1.0E+00	I					1	0.1		~Butylphthalyl Butylglycolate	85-70-1	6.3E+04	n	8.2E+05	nm					1.3E+04	n		3.1E+02	n	
				1.0E-01	I					1	0.1		~Dibutyl Phthalate	84-74-2	6.3E+03	n	8.2E+04	n					9.0E+02	n		2.3E+00	n	
				8.0E-01	I					1	0.1		~Diethyl Phthalate	84-66-2	5.1E+04	n	6.6E+05	nm					1.5E+04	n		6.1E+00	n	
				1.0E-01	I			V		1			~Dimethylterephthalate	120-61-6	7.8E+03	n	1.2E+05	nm					1.9E+03	n		4.9E-01	n	
				1.0E-02	P					1	0.1		~Octyl Phthalate, di-N-	117-84-0	6.3E+02	n	8.2E+03	n					2.0E+02	n		5.7E+01	n	
				5.0E-01	X					1	0.1		~Phthalic Acid, p-	100-21-0	3.2E+04	n	4.1E+05	nm					9.4E+03	n		3.4E+00	n	
				2.0E+00	I	2.0E-02	C			1	0.1		~Phthalic Anhydride	85-44-9	1.3E+05	nm	1.6E+06	nm	2.1E+01	n	8.8E+01	n	3.9E+04	n		8.5E+00	n	
				7.0E-02	I					1	0.1		Picloram	1918-02-1	4.4E+03	n	5.7E+04	n					1.4E+03	n	5.0E+02	3.8E-01	n	1.4E-01
				1.0E-04	X					1	0.1		Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	6.3E+00	n	8.2E+01	n					2.0E+00	n		1.3E-03	n	
				2.0E-03	X					1	0.1		Picric Acid (2,4,6-Trinitrophenol)	88-89-1	1.3E+02	n	1.6E+03	n					4.0E+01	n		1.9E-01	n	
				7.3E-04	O					1	0.1		Pirimiphos, Methyl	29232-93-7	4.6E+01	n	6.0E+02	n					8.9E+00	n		8.4E-03	n	
3.0E+01	C	8.6E-03	C	7.0E-06	H					1	0.1		Polybrominated Biphenyls	36355-01-8	1.8E-02	c*	7.7E-02	c*	3.3E-04	c	1.4E-03	c	2.6E-03	c*				
													Polychlorinated Biphenyls (PCBs)																
7.0E-02	G	2.0E-05	G	7.0E-05	I			V		1	0.14		~Aroclor 1016	12674-11-2	4.1E+00	n	2.7E+01	c**	1.4E-01	c	6.1E-01	c	2.2E-01	c**		2.1E-02	c**	
2.0E+00	G	5.7E-04	G					V		1	0.14		~Aroclor 1221	11104-28-2	2.0E-01	c	8.3E-01	c	4.9E-03	c	2.1E-02	c	4.7E-03	c		8.0E-05	c	
2.0E+00	G	5.7E-04	G					V		1	0.14		~Aroclor 1232	11141-16-5	1.7E-01	c	7.2E-01	c	4.9E-03	c	2.1E-02	c	4.7E-03	c		8.0E-05	c	
2.0E+00	G	5.7E-04	G					V		1	0.14		~Aroclor 1242	53469-21-9	2.3E-01	c	9.5E-01	c	4.9E-03	c	2.1E-02	c	7.8E-03	c		1.2E-03	c	
2.0E+00	G	5.7E-04	G					V		1	0.14		~Aroclor 1248	12672-29-6	2.3E-01	c	9.4E-01	c	4.9E-03	c	2.1E-02	c	7.8E-03	c		1.2E-03	c	
2.0E+00	G	5.7E-04	G	2.0E-05	I			V		1	0.14		~Aroclor 1254	11097-69-1	2.4E-01	c**	9.7E-01	c*	4.9E-03	c	2.1E-02	c	7.8E-03	c*		2.0E-03	c*	
2.0E+00	G	5.7E-04	G					V		1	0.14		~Aroclor 1260	11096-82-5	2.4E-01	c	9.9E-01	c	4.9E-03	c	2.1E-02	c	7.8E-03	c		5.5E-03	c	
				6.0E-04	X			V		1	0.14		~Aroclor 5460	11126-42-4	3.5E+01	n	4.4E+02	n					1.2E+01	n		2.0E+00	n	
3.9E+00	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V		1	0.14		~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.3E-01	c*	5.2E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		2.8E-03	c	
3.9E+00	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V		1	0.14		~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	1.2E-01	c*	5.1E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.7E-03	c	
3.9E+00	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V		1	0.14		~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	1.2E-01	c*	5.0E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.7E-03	c	
3.9E+00	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V		1	0.14		~Hexachlorobiphenyl, 2,3,3',4,4',5,- (PCB 156)	38380-08-4	1.2E-01	c*	5.0E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.7E-03	c	
3.9E+03	W	1.1E+00	W	2.3E-08	W	1.3E-06	W	V		1	0.14		~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	1.2E-04	c*	5.1E-04	c*	2.5E-06	c	1.1E-05	c	4.0E-06	c		1.7E-06	c	
3.9E+00	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V		1	0.14		~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	1.2E-01	c*	4.9E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.0E-03	c	
3.9E+00	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V		1	0.14		~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	1.2E-01	c*	4.9E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.0E-03	c	
3.9E+00	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V		1	0.14		~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	1.2E-01	c*	4.9E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.0E-03	c	
3.9E+00	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V		1	0.14		~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	1.2E-01	c*	5.0E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.0E-03	c	
1.3E+04	W	3.8E+00	W	7.0E-09	W	4.0E-07	W	V		1	0.14		~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	3.6E-05	c*	1.5E-04	c*	7.4E-07	c	3.2E-06	c	1.2E-06	c		3.0E-07	c	
2.0E+00	I	5.7E-04	I					V		1	0.14		~Polychlorinated Biphenyls (high risk)	1336-36-3	2.3E-01	c	9.4E-01	c	4.9E-03	c	2.1E-02	c			5.0E-01			
4.0E-01	I	1.0E-04	I					V		1	0.14		~Polychlorinated Biphenyls (low risk)	1336-36-3					2.8E-02	c	1.2E-01	c	4.4E-02	c	5.0E-01	6.8E-03	c	7.8E-02
7.0E-02	I	2.0E-05	I					V		1	0.14		~Polychlorinated Biphenyls (lowest risk)	1336-36-3					1.4E-01	c	6.1E-01	c			5.0E-01			

TR=1E-06
THQ=1.0

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user's guide; U = user provided; ca = cancer; nc = noncancer; * = where: nc SL < 100X ca SL; ** = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

Toxicity and Chemical-specific Information													Contaminant		Screening Levels												Protection of Groundwater SSLs		
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	mutagen	GIABS	ABS_d	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m^3)	key	Industrial Air (ug/m^3)	key	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
1.3E+01	W	3.8E-03	W	7.0E-06	W	4.0E-04	W			1	0.14		~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	3.8E-02	c*	1.6E-01	c*	7.4E-04	c	3.2E-03	c	6.0E-03	c*		9.4E-04	c*	
3.9E+01	W	1.1E-02	W	2.3E-06	W	1.3E-04	W	V		1	0.14		~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	1.2E-02	c*	4.8E-02	c*	2.5E-04	c	1.1E-03	c	4.0E-04	c		6.2E-05	c	
						6.0E-04	I			1	0.1		Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n						
													Polynuclear Aromatic Hydrocarbons (PAHs)															
				6.0E-02	I			V		1	0.13		~Acenaphthene	83-32-9	3.6E+03	n	4.5E+04	n					5.3E+02	n		5.5E+00	n	
				3.0E-01	I			V		1	0.13		~Anthracene	120-12-7	1.8E+04	n	2.3E+05	nm					1.8E+03	n		5.8E+01	n	
1.0E-01	E	6.0E-05	E					V	M	1	0.13		~Benz[a]anthracene	56-55-3	1.1E+00	c	2.1E+01	c	1.7E-02	c	2.0E-01	c	3.0E-02	c		1.1E-02	c	
				9.0E-05	X	2.0E-06	X			1	0.1		~Benzo(e)pyrene	192-97-2	5.7E+00	n	7.3E+01	n	2.1E-03	n	8.8E-03	n	1.8E+00	n		2.2E+00	n	
1.2E+00	C	1.1E-04	C							1	0.13		~Benzo(j)fluoranthene	205-82-3	4.2E-01	c	1.8E+00	c	2.6E-02	c	1.1E-01	c	6.5E-02	c		7.8E-02	c	
1.0E+00	I	6.0E-04	I	3.0E-04	I	2.0E-06	I		M	1	0.13		~Benzo[a]pyrene	50-32-8	1.1E-01	c	2.1E+00	c	1.7E-03	c**	8.8E-03	n	2.5E-02	c	2.0E-01	2.9E-02	c	2.4E-01
1.0E-01	E	6.0E-05	E						M	1	0.13		~Benzo[b]fluoranthene	205-99-2	1.1E+00	c	2.1E+01	c	1.7E-02	c	2.0E-01	c	2.5E-01	c		3.0E-01	c	
1.0E-02	E	6.0E-06	E						M	1	0.13		~Benzo[k]fluoranthene	207-08-9	1.1E+01	c	2.1E+02	c	1.7E-01	c	2.0E+00	c	2.5E+00	c		2.9E+00	c	
				8.0E-02	I			V		1	0.13		~Chloronaphthalene, Beta-	91-58-7	4.8E+03	n	6.0E+04	n					7.5E+02	n		3.9E+00	n	
1.0E-03	E	6.0E-07	E						M	1	0.13		~Chrysene	218-01-9	1.1E+02	c	2.1E+03	c	1.7E+00	c	2.0E+01	c	2.5E+01	c		9.0E+00	c	
1.0E+00	E	6.0E-04	E						M	1	0.13		~Dibenz[a,h]anthracene	53-70-3	1.1E-01	c	2.1E+00	c	1.7E-03	c	2.0E-02	c	2.5E-02	c		9.6E-02	c	
1.2E+01	C	1.1E-03	C							1	0.13		~Dibenzo(a,e)pyrene	192-65-4	4.2E-02	c	1.8E-01	c	2.6E-03	c	1.1E-02	c	6.5E-03	c		8.4E-02	c	
2.5E+02	C	7.1E-02	C						M	1	0.13		~Dimethylbenz(a)anthracene, 7,12-	57-97-6	4.6E-04	c	8.4E-03	c	1.4E-05	c	1.7E-04	c	1.0E-04	c		9.9E-05	c	
				4.0E-02	I					1	0.13		~Fluoranthene	206-44-0	2.4E+03	n	3.0E+04	n					8.0E+02	n		8.9E+01	n	
				4.0E-02	I			V		1	0.13		~Fluorene	86-73-7	2.4E+03	n	3.0E+04	n					2.9E+02	n		5.4E+00	n	
1.0E-01	E	6.0E-05	E						M	1	0.13		~Indeno[1,2,3-cd]pyrene	193-39-5	1.1E+00	c	2.1E+01	c	1.7E-02	c	2.0E-01	c	2.5E-01	c		9.8E-01	c	
2.9E-02	P			7.0E-02	A			V		1	0.13	3.9E+02	~Methylnaphthalene, 1-	90-12-0	1.8E+01	c	7.3E+01	c					1.1E+00	c		6.0E-03	c	
				4.0E-03	I			V		1	0.13		~Methylnaphthalene, 2-	91-57-6	2.4E+02	n	3.0E+03	n					3.6E+01	n		1.9E-01	n	
1.2E-01	C	3.4E-05	C	2.0E-02	I	3.0E-03	I	V		1	0.13		~Naphthalene	91-20-3	2.0E+00	c*	8.6E+00	c*	8.3E-02	c*	3.6E-01	c*	1.2E-01	c*		3.8E-04	c*	
1.2E+00	C	1.1E-04	C							1	0.13		~Nitropyrene, 4-	57835-92-4	4.2E-01	c	1.8E+00	c	2.6E-02	c	1.1E-01	c	1.9E-02	c		3.3E-03	c	
				3.0E-02	I			V		1	0.13		~Pyrene	129-00-0	1.8E+03	n	2.3E+04	n					1.2E+02	n		1.3E+01	n	
1.5E-01	I			9.0E-03	I					1	0.1		Prochloraz	67747-09-5	3.6E+00	c	1.5E+01	c					3.8E-01	c		1.9E-03	c	
				6.0E-03	H			V		1			Profluralin	26399-36-0	4.7E+02	n	7.0E+03	n					2.6E+01	n		1.6E+00	n	
				1.5E-02	I					1	0.1		Prometon	1610-18-0	9.5E+02	n	1.2E+04	n					2.5E+02	n		1.2E-01	n	
				4.0E-02	O					1	0.1		Prometryn	7287-19-6	2.5E+03	n	3.3E+04	n					6.0E+02	n		9.0E-01	n	
				7.5E-02	I					1	0.1		Pronamide	23950-58-5	4.7E+03	n	6.2E+04	n					1.2E+03	n		1.2E+00	n	
				1.3E-02	I					1	0.1		Propachlor	1918-16-7	8.2E+02	n	1.1E+04	n					2.5E+02	n		1.5E-01	n	
				5.0E-03	I					1	0.1		Propanil	709-98-8	3.2E+02	n	4.1E+03	n					8.2E+01	n		4.5E-02	n	
1.9E-01	O			4.0E-02	O					1	0.1		Propargite	2312-35-8	2.8E+00	c	1.2E+01	c					1.6E-01	c		1.1E-02	c	
				2.0E-03	I			V		1		1.1E+05	Propargyl Alcohol	107-19-7	1.6E+02	n	2.3E+03	n					4.0E+01	n		8.1E-03	n	
				2.0E-02	I					1	0.1		Propazine	139-40-2	1.3E+03	n	1.6E+04	n					3.4E+02	n		3.0E-01	n	
				2.0E-02	I					1	0.1		Propham	122-42-9	1.3E+03	n	1.6E+04	n					3.5E+02	n		2.2E-01	n	
				1.0E-01	O					1	0.1		Propiconazole	60207-90-1	6.3E+03	n	8.2E+04	n					1.6E+03	n		5.3E+00	n	
						8.0E-03	I	V		1		3.3E+04	Propionaldehyde	123-38-6	7.5E+01	n	3.1E+02	n	8.3E+00	n	3.5E+01	n	1.7E+01	n		3.4E-03	n	
				1.0E-01	X	1.0E+00	X	V		1		2.6E+02	Propyl benzene	103-65-1	3.8E+03	ns	2.4E+04	ns	1.0E+03	n	4.4E+03	n	6.6E+02	n		1.2E+00	n	
						3.0E+00	C	V		1		3.5E+02	Propylene	115-07-1	2.2E+03	ns	9.3E+03	ns	3.1E+03	n	1.3E+04	n	6.3E+03	n		6.0E+00	n	
				2.0E+01	P					1	0.1		Propylene Glycol	57-55-6	1.3E+06	nm	1.6E+07	nm					4.0E+05	n		8.1E+01	n	
						2.7E-04	A			1	0.1		Propylene Glycol Dinitrate	6423-43-4	3.9E+05	nm	1.6E+06	nm	2.8E-01	n	1.2E+00	n						
				7.0E-01	H	2.0E+00	I	V		1		1.1E+05	Propylene Glycol Monomethyl Ether	107-98-2	4.1E+04	n	3.7E+05	nms	2.1E+03	n	8.8E+03	n	3.2E+03	n		6.5E-01	n	
2.4E-01	I	3.7E-06	I			3.0E-02	I	V		1		7.8E+04	Propylene Oxide	75-56-9	2.1E+00	c	9.7E+00	c	7.6E-01	c*	3.3E+00	c*	2.7E-01	c		5.6E-05	c	
				1.0E-03	I			V		1		5.3E+05	Pyridine	110-86-1	7.8E+01	n	1.2E+03	n					2.0E+01	n		6.8E-03	n	
				5.0E-04	I					1	0.1		Quinalphos	13593-03-8	3.2E+01	n	4.1E+02	n					5.1E+00	n		4.3E-02	n	
3.0E+00	I									1	0.1		Quinoline	91-22-5	1.8E-01	c	7.7E-01	c					2.4E-02	c		7.8E-05	c	
				9.0E-03	I					1	0.1		Quizalofop-ethyl	76578-14-8	5.7E+02	n	7.4E+03	n					1.2E+02	n		1.9E+00	n	
						3.0E+04	A			1			Refractory Ceramic Fibers (units in fibers)	E715557					3.1E+04	G	1.3E+05	G						
				3.0E-02	I					1	0.1		Resmethrin	10453-86-8	1.9E+03	n	2.5E+04	n					6.7E+01	n		4.2E+01	n	
				5.0E-02	H			V		1			Ronnel	299-84-3	3.9E+03	n	5.8E+04	n					4.1E+02	n		3.7E+00	n	
				4.0E-03	I					1	0.1		Rotenone	83-79-4	2.5E+02	n	3.3E+03	n					6.1E+01	n		3.2E+01	n	
2.2E-01	C	6.3E-05	C						M	1	0.1		Safrole	94-59-7	5.5E-01	c	1.0E+01	c	1.6E-02	c	1.9E-01	c	9.6E-02	c		5.9E-05	c	
				5.0E-03	I					1			Selenious Acid	7783-00-8	3.9E+02	n	5.8E+03	n					1.0E+02	n				
				5.0E-03	I	2.0E-02	C			1			Selenium	7782-49-2	3.9E+02	n	5.8E+03	n	2.1E+01	n	8.8E+01	n	1.0E+02	n	5.0E+01	5.2E-01	n	2.6E-01
				5.0E-03	C	2.0E-02	C			1			Selenium Sulfide	7446-34-6	3.9E+02	n	5.8E+03	n	2.1E+01	n	8.8E+01	n	1.0E+02	n				
				1.4E-01	O					1	0.1		Sethoxydim	74051-80-2	8.8E+03	n	1.1E+05	nm					1.6E+03	n		1.4E+01	n	
						3.0E-03	C			1			Silica (crystalline, respirable)	7631-86-9	4.3E+06	nm	1.8E+07	nm	3.1E+00	n	1.3E+01	n						
				5.0E-03	I					0.04			Silver	7440-22-4	3.9E+02	n	5.8E+03	n					9.4E+01	n		8.0E-01	n	
1.2E-01	H			5.0E-03	I					1	0.1		Simazine	122-34-9	4.5E+00	c*	1.9E+01	c					6.1E-01	c	4.0E+00	3.0E-04	c	2.0E-03
				1.3E-02	I					1	0.1		Sodium Acifluorfen	62476-59-9	8.2E+02	n	1.1E+04	n					2.6E+02	n		2.1E+00	n	
				4.0E-03	I					1			Sodium Azide	26628-22-8	3.1E+02	n	4.7E+03	n					8.0E+01	n				
2.7E-01	H			3.0E-02	I					1	0.1		Sodium Diethyldithiocarbamate	148-18-5	2.0E+00	c	8.5E+00	c					2.9E-01	c		1.8E-04	c	
				5.0E-02	A	1.3E-02	C			1			Sodium Fluoride	7681-49-4	3.9E+03	n	5.8E+04	n	1.4E+01	n	5.7E+01	n	1.0E+03	n	4.0E+03	1.5E+02	n	6.0E+02
				2.0E-05	I					1	0.1		Sodium Fluoroacetate	62-74-8	1.3E+00	n	1.6E+01	n					4.0E-01	n		8.1E-05	n	
				1.0E-03	H					1			Sodium Metavanadate	13718-26-8	7.8E+01	n	1.2E+03	n					2.0E+01	n				
				8.0E-04	P					1			Sodium Tungstate	13472-45-2	6.3E+01	n	9.3E+02	n					1.6E+01	n				
				8.0E-04	P					1			Sodium Tungstate Dihydrate	10213-10-2	6.3E+01	n	9.3E+02	n					1.6E+01	n				
2.4E-02	H			3.0E-02	I					1	0.1		Strirofos (Tetrachlorovinphos)	961-11-5	2.3E+01	c*	9.6E+01	c					2.8E+00	c		8.2E-03	c	
				6.0E-01	I					1			Strontium, Stable	7440-24-6	4.7E+04	n	7.0E+05	nm					1.2E+04	n		4.2E+02	n	
				3.0E-04	I					1	0.1		Strychnine	57-24-9	1.9E+01	n	2.5E+02	n					5.9E+00	n		6.5E-02	n	
				2.0E-01	I	1.0E+00	I	V		1		8.7E+02	Styrene	100-42-5	6.0E+03	ns	3.5E+04	ns	1.0E+03	n	4.4E+03	n	1.2E+03	n	1.0E+02	1.3E+00	n	1.1E-01
				3.0E-03	P					1	0.1		Styrene-Acrylonitrile (SAN) Trimer (THNA isomer)	57964-39-3	1.9E+02	n	2.5E+03	n					4.8E+01	n				
				3.0E-03	P					1	0.1		Styrene-Acrylonitrile (SAN) Trimer (THNP isomer)	57964-40-6	1.9E+02	n	2.5E+03	n					4.8E+01	n				
				1.0E-03	P	2.0E-03	X			1	0.1		Sulfolane	126-33-0	6.3E+01	n	8.2E+02	n	2.1E+00	n	8.8E+00	n	2.0E+01	n		4.4E-03	n	
				8.0E-04	P					1	0.1		Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9	5.1E+01	n	6.6E+02	n					1.1E+01	n		6.5E-02	n	
						1.0E-03	C	V		1			Sulfur Trioxide	7446-11-9	1.4E+06	nm	6.0E+06	nm	1.0E+00	n	4.4E+00	n	2.1E+00	n				
						1.0E-03	C			1			Sulfuric Acid	7664-93-9	1.4E+06	nm	6.0E+06	nm	1.0E+00	n	4.4E+00	n						
2.5E-02	I	7.1E-06	I	5.0E-02	H					1	0.1		Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl	140-57-8	2.2E+01	c	9.2E+01	c	4.0E-01	c	1.7E+00	c	1.3E+00	c		1.5E-02	c	

TR=1E-06
THQ=1.0

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Toxicity and Chemical-specific Information												Contaminant		Screening Levels														Protection of Groundwater SSLs		
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	mutagen	GIABS	ABS_d	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m^3)	key	Industrial Air (ug/m^3)	key	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
				3.0E-02	H					1	0.1		TCMTB	21564-17-0	1.9E+03	n	2.5E+04	n					4.8E+02	n		3.3E+00	n		
				7.0E-02	I					1	0.1		Tebuthiuron	34014-18-1	4.4E+03	n	5.7E+04	n					1.4E+03	n		3.9E-01	n		
				2.0E-02	H					1	0.1		Temephos	3383-96-8	1.3E+03	n	1.6E+04	n					4.0E+02	n		7.6E+01	n		
				1.3E-02	I					1	0.1		Terbacil	5902-51-2	8.2E+02	n	1.1E+04	n					2.5E+02	n		7.5E-02	n		
				2.5E-05	H			V		1		3.1E+01	Terbufos	13071-79-9	2.0E+00	n	2.9E+01	n					2.4E-01	n		5.2E-04	n		
				1.0E-03	I					1	0.1		Terbutryn	886-50-0	6.3E+01	n	8.2E+02	n					1.3E+01	n		1.9E-02	n		
5.0E-03	C	1.3E-06	C					V		1			Tert-Butyl Acetate	540-88-5	8.1E+00	c	3.6E+01	c	2.2E+00	c	9.4E+00	c	3.3E+00	c		7.6E-04	c		
				1.0E-04	I					1	0.1		Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1	6.3E+00	n	8.2E+01	n					2.0E+00	n		5.3E-02	n		
				3.0E-05	P			V		1			Tetrachlorobenzene, 1,2,4,5-	95-94-3	2.3E+00	n	3.5E+01	n					1.7E-01	n		7.9E-04	n		
2.6E-02	I	7.4E-06	I	3.0E-02	I			V		1		6.8E+02	Tetrachloroethane, 1,1,1,2-	630-20-6	2.0E+00	c	8.8E+00	c	3.8E-01	c	1.7E+00	c	5.7E-01	c		2.2E-04	c		
2.0E-01	I	5.8E-05	C	2.0E-02	I			V		1		1.9E+03	Tetrachloroethane, 1,1,2,2-	79-34-5	6.0E-01	c	2.7E+00	c	4.8E-02	c	2.1E-01	c	7.6E-02	c		3.0E-05	c		
2.1E-03	I	2.6E-07	I	6.0E-03	I	4.0E-02	I	V		1		1.7E+02	Tetrachloroethylene	127-18-4	2.4E+01	c**	1.0E+02	c**	1.1E+01	c**	4.7E+01	c**	1.1E+01	c**	5.0E+00	5.1E-03	c**	2.3E-03	
				3.0E-02	I					1	0.1		Tetrachlorophenol, 2,3,4,6-	58-90-2	1.9E+03	n	2.5E+04	n					2.4E+02	n		1.8E-01	n		
1.6E+01	X			6.0E-05	X			V		1			Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	4.3E-02	c	2.0E-01	c					1.7E-03	c		5.7E-06	c		
				5.0E-04	I					1	0.1		Tetraethyl Dithiopyrophosphate	3689-24-5	3.2E+01	n	4.1E+02	n					7.1E+00	n		5.2E-03	n		
						8.0E+01	I	V		1		2.1E+03	Tetrafluoroethane, 1,1,1,2-	811-97-2	1.0E+05	nms	4.3E+05	nms	8.3E+04	n	3.5E+05	n	1.7E+05	n		9.3E+01	n		
				1.0E-04	X					1	0.1		Tetramethylphosphoramide, -N,N,N',N" (TMPA)	16853-36-4	6.3E+00	n	8.2E+01	n					2.0E+00	n					
				2.0E-03	P					1	0.00065		Tetryl (Trinitrophenylmethylnitramine)	479-45-8	1.6E+02	n	2.3E+03	n					3.9E+01	n		3.7E-01	n		
				2.0E-05	G					1			Thallic Oxide	1314-32-5	1.6E+00	n	2.3E+01	n					4.0E-01	n					
				1.0E-05	X					1			Thallium (I) Nitrate	10102-45-1	7.8E-01	n	1.2E+01	n					2.0E-01	n					
				1.0E-05	X					1			Thallium (Soluble Salts)	7440-28-0	7.8E-01	n	1.2E+01	n					2.0E-01	n	2.0E+00	1.4E-02	n	1.4E-01	
				1.0E-05	X			V		1			Thallium Acetate	563-68-8	7.8E-01	n	1.2E+01	n					2.0E-01	n		4.1E-05	n		
				2.0E-05	X					1	0.1		Thallium Carbonate	6533-73-9	1.3E+00	n	1.6E+01	n					4.0E-01	n		8.3E-05	n		
				1.0E-05	X					1			Thallium Chloride	7791-12-0	7.8E-01	n	1.2E+01	n					2.0E-01	n					
				1.0E-05	G					1			Thallium Selenite	12039-52-0	7.8E-01	n	1.2E+01	n					2.0E-01	n					
				2.0E-05	X					1			Thallium Sulfate	7446-18-6	1.6E+00	n	2.3E+01	n					4.0E-01	n					
				4.3E-02	O					1	0.1		Thifensulfuron-methyl	79277-27-3	2.7E+03	n	3.5E+04	n					8.6E+02	n		2.6E-01	n		
				1.0E-02	I					1	0.1		Thiobencarb	28249-77-6	6.3E+02	n	8.2E+03	n					1.6E+02	n		5.5E-01	n		
				7.0E-02	X					1	0.0075		Thiodiglycol	111-48-8	5.4E+03	n	7.9E+04	n					1.4E+03	n		2.8E-01	n		
				3.0E-04	H					1	0.1		Thiofanox	39196-18-4	1.9E+01	n	2.5E+02	n					5.3E+00	n		1.8E-03	n		
1.2E-02	O			1.6E-01	O					1	0.1		Thiophanate, Methyl	23564-05-8	4.7E+01	c	2.0E+02	c					6.7E+00	c		5.7E-03	c		
				1.5E-02	O					1	0.1		Thiram	137-26-8	9.5E+02	n	1.2E+04	n					2.9E+02	n		4.2E-01	n		
				6.0E-01	H					1			Tin	7440-31-5	4.7E+04	n	7.0E+05	nm					1.2E+04	n		3.0E+03	n		
						1.0E-04	A	V		1			Titanium Tetrachloride	7550-45-0	1.4E+05	nm	6.0E+05	nm	1.0E-01	n	4.4E-01	n	2.1E-01	n					
				8.0E-02	I	5.0E+00	I	V		1		8.2E+02	Toluene	108-88-3	4.9E+03	ns	4.7E+04	ns	5.2E+03	n	2.2E+04	n	1.1E+03	n	1.0E+03	7.6E-01	n	6.9E-01	
3.9E-02	C	1.1E-05	C			8.0E-06	C	V		1			Toluene-2,4-diisocyanate	584-84-9	6.4E+00	n	2.7E+01	n	8.3E-03	n	3.5E-02	n	1.7E-02	n		2.5E-04	n		
1.8E-01	X			2.0E-04	X					1	0.1		Toluene-2,5-diamine	95-70-5	3.0E+00	c**	1.3E+01	c*					4.3E-01	c**		1.3E-04	c**		
3.9E-02	C	1.1E-05	C			8.0E-06	C	V		1		1.7E+03	Toluene-2,6-diisocyanate	91-08-7	5.3E+00	n	2.2E+01	n	8.3E-03	n	3.5E-02	n	1.7E-02	n		2.6E-04	n		
				1.0E-04	X					1	0.1		Toluenediamine, 2,3-	2687-25-4	6.3E+00	n	8.2E+01	n					2.0E+00	n		6.2E-04	n		
				1.0E-04	X					1	0.1		Toluenediamine, 3,4-	496-72-0	6.3E+00	n	8.2E+01	n					2.0E+00	n		6.2E-04	n		
				5.0E-03	P					1	0.1		Toluic Acid, p-	99-94-5	3.2E+02	n	4.1E+03	n					9.0E+01	n		2.3E-02	n		
1.6E-02	P	5.1E-05	C							1	0.1		Toluidine, o- (Methylaniline, 2-)	95-53-4	3.4E+01	c	1.4E+02	c	5.5E-02	c	2.4E-01	c	4.7E+00	c		2.0E-03	c		
3.0E-02	P			4.0E-03	X					1	0.1		Toluidine, p-	106-49-0	1.8E+01	c*	7.7E+01	c*					2.5E+00	c*		1.1E-03	c*		
				3.0E+00	P			V		1		3.4E-01	Total Petroleum Hydrocarbons (Aliphatic High)	E1790670	2.3E+05	nms	3.5E+06	nms					6.0E+04	n		2.4E+03	n		
				5.0E-03	P	4.0E-01	P	V		1		5.2E+01	Total Petroleum Hydrocarbons (Aliphatic Low)	E1790666	2.1E+02	ns	1.5E+03	ns	4.2E+02	n	1.8E+03	n	9.0E+01	n		9.8E-02	n		
				1.0E-02	X	1.0E-01	P	V		1		6.9E+00	Total Petroleum Hydrocarbons (Aliphatic Medium)	E1790668	9.6E+01	ns	4.4E+02	ns	1.0E+02	n	4.4E+02	n	1.0E+02	n		1.5E+00	n		
				3.0E-04	P	2.0E-06	P		M	1	0.13		Total Petroleum Hydrocarbons (Aromatic High)	E1790676	1.8E+01	n	2.2E+02	n	2.1E-03	n	8.8E-03	n	6.0E+00	n		7.1E+00	n		
				1.0E-02	P	6.0E-02	P	V		1		2.3E+02	Total Petroleum Hydrocarbons (Aromatic Medium)	E1790674	3.0E+02	ns	1.7E+03	ns	6.3E+01	n	2.6E+02	n	5.7E+01	n		8.3E-02	n		
1.1E+00	I	3.2E-04	I	9.0E-05	P					1	0.1		Toxaphene	8001-35-2	4.9E-01	c*	2.1E+00	c*	8.8E-03	c	3.8E-02	c	7.1E-02	c*	3.0E+00	1.1E-02	c*	4.6E-01	
				3.0E-05	X					1	0.1		Toxaphene, Weathered	E1841606	1.9E+00	n	2.5E+01	n					6.0E-01	n		9.3E-02	n		
				7.5E-03	I					1	0.1		Tralomethrin	66841-25-6	4.7E+02	n	6.2E+03	n					1.5E+02	n		5.8E+01	n		
				3.0E-04	A			V		1			Tri-n-butyltin	688-73-3	2.3E+01	n	3.5E+02	n					3.7E+00	n		8.2E-02	n		
				8.0E+01	X					1	0.1		Triacetin	102-76-1	5.1E+06	nm	6.6E+07	nm					1.6E+06	n		4.5E+02	n		
				3.4E-02	O					1	0.1		Triadimefon	43121-43-3	2.1E+03	n	2.8E+04	n					6.3E+02	n		5.0E-01	n		
7.2E-02	O			2.5E-02	O			V		1			Triallate	2303-17-5	9.7E+00	c	4.6E+01	c					4.7E-01	c		1.0E-03	c		
				1.0E-02	I					1	0.1		Triasulfuron	82097-50-5	6.3E+02	n	8.2E+03	n					2.0E+02	n		2.1E-01	n		
				8.0E-03	I					1	0.1		Tribenuron-methyl	101200-48-0	5.1E+02	n	6.6E+03	n					1.6E+02	n		6.1E-02	n		
				5.0E-03	I			V		1			Tribromobenzene, 1,2,4-	615-54-3	3.9E+02	n	5.8E+03	n					4.5E+01	n		6.4E-02	n		
				9.0E-03	X					1	0.1		Tribromophenol, 2,4,6-	118-79-6	5.7E+02	n	7.4E+03	n					1.2E+02	n		2.2E-01	n		
				2.0E-04	O					1	0.1		Tribufos	78-48-8	1.3E+01	n	1.6E+02	n					5.7E-01	n		2.8E-03	n		
9.0E-03	P			1.0E-02	P					1	0.1		Tributyl Phosphate	126-73-8	6.0E+01	c*	2.6E+02	c*					5.2E+00	c*		2.5E-02	c*		
				3.0E-04	P					1	0.1		Tributyltin Compounds	E1790679	1.9E+01	n	2.5E+02	n					6.0E+00	n					
				3.0E-04	I					1	0.1		Tributyltin Oxide	56-35-9	1.9E+01	n	2.5E+02	n					5.7E+00	n		2.9E+02	n		
										1	0.1		Trichloramine	10025-85-1											4.0E+03(G)				
				3.0E+01	I	5.0E+00	P	V		1		9.1E+02	Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	6.7E+03	ns	2.8E+04	ns	5.2E+03	n	2.2E+04	n	1.0E+04	n		2.6E+01	n		
7.0E-02	I			2.0E-02	I					1	0.1		Trichloroacetic Acid	76-03-9	7.8E+00	c	3.3E+01	c					1.1E+00	c	6.0E+01(G)	2.2E-04	c	1.2E-02	
2.9E-02	H									1	0.1		Trichloroaniline HCl, 2,4,6-	33663-50-2	1.9E+01	c	7.9E+01	c					2.7E+00	c		7.4E-03	c		
7.0E-03	X			3.0E-05	X					1	0.1		Trichloroaniline, 2,4,6-	634-93-5	1.9E+00	n	2.5E+01	n					4.0E-01	n		3.6E-03	n		
				8.0E-04	X			V		1			Trichlorobenzene, 1,2,3-	87-61-6	6.3E+01	n	9.3E+02	n					7.0E+00	n		2.1E-02	n		
2.9E-02	P			1.0E-02	I	2.0E-03	P	V		1		4.0E+02	Trichlorobenzene, 1,2,4-	120-82-1	2.4E+01	c**	1.1E+02	c**	2.1E+00	n	8.8E+00	n	1.2E+00	c**	7.0E+01	3.4E-03	c**	2.0E-01	
				2.0E+00	I	5.0E+00	I	V		1		6.4E+02	Trichloroethane, 1,1,1-	71-55-6	8.1E+03	ns	3.6E+04	ns	5.2E+03	n	2.2E+04	n	8.0E+03	n	2.0E+02	2.8E+00	n	7.0E-02	
5.7E-02	I	1.6E-05	I	4.0E-03	I	2.0E-04	X	V		1		2.2E+03	Trichloroethane, 1,1,2-	79-00-5	1.1E+00	c**	5.0E+00	c**	1.8E-01	c**	7.7E-01	c**	2.8E-01	c**	5.0E+00	8.9E-05	c**	1.6E-03	
4.6E-02	I	4.1E-06	I	5.0E-04	I	2.0E-03	I	V	M	1		6.9E+02	Trichloroethylene	79-01-6	9.4E-01	c**	6.0E+00	c**	4.8E-01	c**	3.0E+00	c**	4.9E-01	c**	5.0E+00	1.8E-04	c**	1.8E-03	
				3.0E-01	I			V		1		1.2E+03	Trichlorofluoromethane	75-69-4	2.3E+04	ns	3.5E+05	nms					5.2E+03	n		3.3E+00	n		
				1.0E-01	I					1	0.1		Trichlorophenol, 2,4,5-	95-95-4	6.3E+03	n	8.2E+04	n					1.2E+03	n		4.0E+00	n		
1.1E-02	I	3.1E-06	I	1.0E-03	P					1	0.1		Trichlorophenol, 2,4,6-	88-06-2	4.9E+01	c**	2.1E+02	c**	9.1E-01	c	4.0E+00	c	4.1E+00	c**		4.0E-03	c**		
				1.0E-02	I					1	0.1		Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	6.3E+02	n	8.2E+03	n					1.6E+02	n		6.8E-02	n		
				8.0E-03	I					1	0.1		Trichlorophenoxypropionic acid, -2,4,5	93-72-1	5.1E+02	n	6.6E+03	n					1.1E+02	n	5.0E+01	6.1E-02	n	2.8E-02	
				5.0E-03	I			V		1		1.3E+03	Trichloropropane, 1,1,2-	598-77-6	3.9E+02	n	5.8E+03	ns					8.8E+01	n		3.5E-02	n		

TR=1E-06 THQ=1.0

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user's guide; U = user provided; ca = cancer; nc = noncancer; * = where: nc SL < 100X ca SL; ** = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

Toxicity and Chemical-specific Information												Contaminant		Screening Levels												Protection of Groundwater SSLs		
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	mutagen	GIABS	ABS_d	C_{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m^3)	key	Industrial Air (ug/m^3)	key	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
3.0E+01	I			4.0E-03	I	3.0E-04	I	V	M	1		1.4E+03	Trichloropropane, 1,2,3-	96-18-4	5.1E-03	c	1.1E-01	c	3.1E-01	n	1.3E+00	n	7.5E-04	c		3.2E-07	c	
				3.0E-03	X	3.0E-04	P	V		1		3.1E+02	Trichloropropene, 1,2,3-	96-19-5	7.3E-01	n	3.1E+00	n	3.1E-01	n	1.3E+00	n	6.2E-01	n		3.1E-04	n	
				2.0E-02	A					1	0.1		Tricresyl Phosphate (TCP)	1330-78-5	1.3E+03	n	1.6E+04	n					1.6E+02	n		1.5E+01	n	
				3.0E-03	I					1	0.1		Tridiphane	58138-08-2	1.9E+02	n	2.5E+03	n					1.8E+01	n		1.3E-01	n	
						7.0E-03	I	V		1		2.8E+04	Triethylamine	121-44-8	1.2E+02	n	4.8E+02	n	7.3E+00	n	3.1E+01	n	1.5E+01	n		4.4E-03	n	
				2.0E+00	P					1	0.1		Triethylene Glycol	112-27-6	1.3E+05	nm	1.6E+06	nm					4.0E+04	n		8.8E+00	n	
						2.0E+01	P	V		1		4.8E+03	Trifluoroethane, 1,1,1-	420-46-2	1.5E+04	ns	6.2E+04	ns	2.1E+04	n	8.8E+04	n	4.2E+04	n		1.3E+02	n	
7.7E-03	I			7.5E-03	I			V		1			Trifluralin	1582-09-8	9.0E+01	c**	4.2E+02	c*					2.6E+00	c*		8.4E-02	c*	
2.0E-02	P			1.0E-02	P					1	0.1		Trimethyl Phosphate	512-56-1	2.7E+01	c*	1.1E+02	c*					3.9E+00	c*		8.6E-04	c*	
				1.0E-02	I	6.0E-02	I	V		1		2.9E+02	Trimethylbenzene, 1,2,3-	526-73-8	3.4E+02	ns	2.0E+03	ns	6.3E+01	n	2.6E+02	n	5.5E+01	n		8.1E-02	n	
				1.0E-02	I	6.0E-02	I	V		1		2.2E+02	Trimethylbenzene, 1,2,4-	95-63-6	3.0E+02	ns	1.8E+03	ns	6.3E+01	n	2.6E+02	n	5.6E+01	n		8.1E-02	n	
				1.0E-02	I	6.0E-02	I	V		1		1.8E+02	Trimethylbenzene, 1,3,5-	108-67-8	2.7E+02	ns	1.5E+03	ns	6.3E+01	n	2.6E+02	n	6.0E+01	n		8.7E-02	n	
				1.0E-02	X			V		1		3.0E+01	Trimethylpentene, 2,4,4-	25167-70-8	7.8E+02	ns	1.2E+04	ns					3.8E+01	n		1.3E-01	n	
				3.0E-02	I					1	0.019		Trinitrobenzene, 1,3,5-	99-35-4	2.2E+03	n	3.2E+04	n					5.9E+02	n		2.1E+00	n	
3.0E-02	I			5.0E-04	I					1	0.032		Trinitrotoluene, 2,4,6-	118-96-7	2.1E+01	c**	9.6E+01	c**					2.5E+00	c**		1.5E-02	c**	
				2.0E-02	P					1	0.1		Triphenylphosphine Oxide	791-28-6	1.3E+03	n	1.6E+04	n					3.6E+02	n		1.5E+00	n	
				2.0E-02	A					1	0.1		Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8	1.3E+03	n	1.6E+04	n					3.6E+02	n		8.0E+00	n	
				1.0E-02	X					1	0.1		Tris(1-chloro-2-propyl)phosphate	13674-84-5	6.3E+02	n	8.2E+03	n					1.9E+02	n		6.5E-01	n	
2.3E+00	C	6.6E-04	C					V		1		4.7E+02	Tris(2,3-dibromopropyl)phosphate	126-72-7	2.8E-01	c	1.3E+00	c	4.3E-03	c	1.9E-02	c	6.8E-03	c		1.3E-04	c	
2.0E-02	P			7.0E-03	P					1	0.1		Tris(2-chloroethyl)phosphate	115-96-8	2.7E+01	c*	1.1E+02	c*					3.8E+00	c*		3.8E-03	c*	
3.2E-03	P			1.0E-01	P					1	0.1		Tris(2-ethylhexyl)phosphate	78-42-2	1.7E+02	c*	7.2E+02	c					2.4E+01	c*		1.2E+02	c*	
				8.0E-04	P					1			Tungsten	7440-33-7	6.3E+01	n	9.3E+02	n					1.6E+01	n		2.4E+00	n	
				2.0E-04	A	4.0E-05	A			1			Uranium	7440-61-1	1.6E+01	n	2.3E+02	n	4.2E-02	n	1.8E-01	n	4.0E+00	n	3.0E+01	1.8E+00	n	1.4E+01
1.0E+00	C	2.9E-04	C						M	1	0.1		Urethane	51-79-6	1.2E-01	c	2.3E+00	c	3.5E-03	c	4.2E-02	c	2.5E-02	c		5.6E-06	c	
		8.3E-03	P	9.0E-03	I	7.0E-06	P			0.026			Vanadium Pentoxide	1314-62-1	4.6E+02	c**	2.0E+03	c**	3.4E-04	c*	1.5E-03	c*	1.5E+02	n				
				5.0E-03	G	1.0E-04	A			0.026			Vanadium and Compounds	7440-62-2	3.9E+02	n	5.8E+03	n	1.0E-01	n	4.4E-01	n	8.6E+01	n		8.6E+01	n	
				1.0E-03	I			V		1			Vernolate	1929-77-7	7.8E+01	n	1.2E+03	n					1.1E+01	n		8.9E-03	n	
				1.2E-03	O					1	0.1		Vinclozolin	50471-44-8	7.6E+01	n	9.8E+02	n					2.1E+01	n		1.6E-02	n	
				1.0E+00	H	2.0E-01	I	V		1		2.8E+03	Vinyl Acetate	108-05-4	9.1E+02	n	3.8E+03	ns	2.1E+02	n	8.8E+02	n	4.1E+02	n		8.7E-02	n	
		1.5E-05	P			3.0E-03	I	V		1		2.5E+03	Vinyl Bromide	593-60-2	2.6E-01	c*	1.1E+00	c*	1.9E-01	c*	8.2E-01	c*	3.7E-01	c*		1.1E-04	c*	
7.2E-01	I	4.4E-06	I	3.0E-03	I	8.0E-02	A	V	M	1		3.9E+03	Vinyl Chloride	75-01-4	5.9E-02	c	1.7E+00	c	1.7E-01	c	2.8E+00	c	1.9E-02	c	2.0E+00	6.5E-06	c	6.9E-04
				3.0E-04	I					1	0.1		Warfarin	81-81-2	1.9E+01	n	2.5E+02	n					5.6E+00	n		5.9E-03	n	
				2.0E-01	G	1.0E-01	G	V		1		3.9E+02	Xylene, m-	108-38-3	5.5E+02	ns	2.4E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n		1.9E-01	n	
				2.0E-01	G	1.0E-01	G	V		1		4.3E+02	Xylene, o-	95-47-6	6.4E+02	ns	2.8E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n		1.9E-01	n	
				2.0E-01	G	1.0E-01	G	V		1		3.9E+02	Xylene, p-	106-42-3	5.6E+02	ns	2.4E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n		1.9E-01	n	
				2.0E-01	I	1.0E-01	I	V		1		2.6E+02	Xylenes	1330-20-7	5.8E+02	ns	2.5E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n	1.0E+04	1.9E-01	n	9.9E+00
				3.0E-04	I					1			Zinc Phosphide	1314-84-7	2.3E+01	n	3.5E+02	n					6.0E+00	n				
				3.0E-01	I					1			Zinc and Compounds	7440-66-6	2.3E+04	n	3.5E+05	nm					6.0E+03	n		3.7E+02	n	
				5.0E-02	I					1	0.1		Zineb	12122-67-7	3.2E+03	n	4.1E+04	n					9.9E+02	n		2.9E+00	n	
				8.0E-05	X					1			Zirconium	7440-67-7	6.3E+00	n	9.3E+01	n					1.6E+00	n		4.8E+00	n	

TR=1E-06
THQ=1.0

APPENDIX C

USGS AVERAGE CONCENTRATIONS OF ELEMENTS IN POLK COUNTY, ARKANSAS

Average concentrations of elements in Polk County, Arkansas

Counties page > As in Conterminous US > As in south-central US > Averages in Polk County **(Calculated from cells in the geochemical grid plotting in this area.)**

Element	Symbol	Mean	Std. dev.	Minimum	Maximum
Aluminum	Al (wt%)	3.319	0.624	1.655	4.573
Arsenic	As (ppm)	6.532	2.055	2.225	10.088
Calcium	Ca (wt%)	0.098	0.032	0.048	0.258
Copper	Cu (ppm)	14.253	6.350	4.491	34.107
Iron	Fe (wt%)	1.994	0.541	0.807	3.291
Mercury	Hg (ppm)	0.047	0.029	0.016	0.166
Magnesium	Mg (wt%)	0.252	0.058	0.111	0.426
Manganese	Mn (ppm)	461.161	181.384	128.444	1167.910
Sodium	Na (wt%)	0.171	0.042	0.094	0.337
Phosphorus	P (wt%)	0.033	0.011	0.013	0.071
Lead	Pb (ppm)	12.003	3.683	4.177	30.006
Selenium	Se (ppm)	0.580	0.220	0.214	1.165
Titanium	Ti (wt%)	0.224	0.024	0.140	0.272
Zinc	Zn (ppm)	67.433	33.767	19.675	258.067

Download point data as CSV

APPENDIX D

PHOTOGRAPHIC DOCUMENTATION

Division of Environmental Quality (DEQ)
Official Photograph Sheet

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	1	**of**	31	**Date:**	07/13/2021	**Time:**	09:29
Description:	SS-05						

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	2	**of**	31	**Date:**	07/13/2021	**Time:**	09:34
Description:	SS-06						

Division of Environmental Quality (DEQ)
Official Photograph Sheet

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	3	**of**	31	**Date:**	07/13/2021	**Time:**	09:38
Description:	SBS-03						

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	4	**of**	31	**Date:**	07/13/2021	**Time:**	09:51
Description:	SW-01						

Division of Environmental Quality (DEQ)
Official Photograph Sheet

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	5	**of**	31	**Date:**	07/13/2021	**Time:**	09:58
Description:	SD-01						

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	6	**of**	31	**Date:**	07/13/2021	**Time:**	10:18
Description:	SS-02						

Division of Environmental Quality (DEQ)
Official Photograph Sheet

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	7	**of**	31	**Date:**	07/13/2021	**Time:**	10:21
Description:	SD-02						

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	8	**of**		**Date:**	07/13/2021	**Time:**	10:28
Description:	SBS-01						

Division of Environmental Quality (DEQ)
Official Photograph Sheet

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	9	**of**	31	**Date:**	07/13/2021	**Time:**	10:31
Description:	SD-03						

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	10	**of**	31	**Date:**	07/13/2021	**Time:**	10:43
Description:	SS-04						

Division of Environmental Quality (DEQ)
Official Photograph Sheet

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	11	**of**	31	**Date:**	07/13/2021	**Time:**	
Description:	SW-02						

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	12	**of**	31	**Date:**	07/13/2021	**Time:**	10:56
Description:	SW-03						

Division of Environmental Quality (DEQ)
Official Photograph Sheet

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	13	**of**	31	**Date:**	07/13/2021	**Time:**	11:03
Description:	SD-04						

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	14	**of**	31	**Date:**	07/13/2021	**Time:**	11:08
Description:	SS-03						

Division of Environmental Quality (DEQ)
Official Photograph Sheet

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	15	**of**	31	**Date:**	07/13/2021	**Time:**	11:09
Description:	SBS-02						

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	16	**of**	31	**Date:**	07/13/2021	**Time:**	11:29
Description:	SS-01						

Division of Environmental Quality (DEQ)
Official Photograph Sheet

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	17	**of**	31	**Date:**	07/13/2021	**Time:**	11:30
Description:	SD-05						

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	18	**of**	31	**Date:**	07/13/2021	**Time:**	11:39
Description:	SD-06						

Division of Environmental Quality (DEQ)
Official Photograph Sheet

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	19	**of**	31	**Date:**		**Time:**	11:41
Description:	SD-07						

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	20	**of**	31	**Date:**	07/13/2021	**Time:**	11:45
Description:	SS-09						

Division of Environmental Quality (DEQ)
Official Photograph Sheet

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	21	**of**	31	**Date:**	07/13/2021	**Time:**	12:08
Description:	SD-08						

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	22	**of**	31	**Date:**	07/13/2021	**Time:**	12:16
Description:	SD-09						

Division of Environmental Quality (DEQ)
Official Photograph Sheet

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	23	**of**	31	**Date:**	07/13/2021	**Time:**	12:18
Description:	SBS-06						

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	24	**of**	31	**Date:**	07/13/2021	**Time:**	12:25
Description:	SD-10						

Division of Environmental Quality (DEQ)
Official Photograph Sheet

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	25	**of**	31	**Date:**	07/13/2021	**Time:**	12:37
Description:	SD-07						

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	26	**of**	31	**Date:**	07/13/2021	**Time:**	12:43
Description:	SBS-04						

Division of Environmental Quality (DEQ)
Official Photograph Sheet

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	27	**of**	31	**Date:**	07/13/2021	**Time:**	12:50
Description:	SBS-05						

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	28	**of**	31	**Date:**	07/13/2021	**Time:**	12:58
Description:	SWBK-01						

Division of Environmental Quality (DEQ)
Official Photograph Sheet

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	29	**of**	31	**Date:**	07/13/2021	**Time:**	12:59
Description:	SDBK-01						

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	30	**of**	31	**Date:**	07/13/2021	**Time:**	13:20
Description:	SSBK-01						

Division of Environmental Quality (DEQ)
Official Photograph Sheet

Location:	Street & Performance Site						
Photographer:	Chelsea Lien			**Witness:**	Anna Griffiths		
Photo #	31	**of**	31	**Date:**	07/13/2021	**Time:**	13:25
Description:	SBSBK-01						

APPENDIX E

EJ SCREEN COMMUNITY REPORT

EJScreen Community Report

This report provides environmental and socioeconomic information for user-defined areas, and combines that data into environmental justice and supplemental indexes.

Polk County, AR

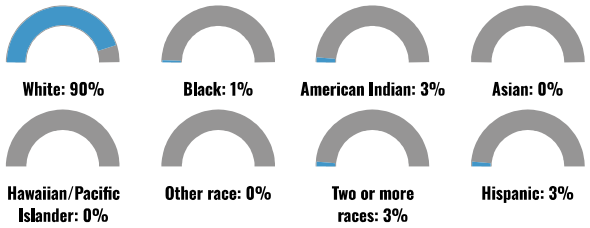
1 mile Ring Centered at 34.564305,-94.218278
Population: 654
Area in square miles: 3.14

LANGUAGES SPOKEN AT HOME

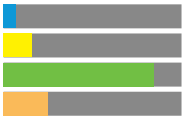
LANGUAGE	PERCENT
English	95%
Spanish	3%
Other Indo-European	1%
Other Asian and Pacific Island	1%
Total Non-English	5%

COMMUNITY INFORMATION

BREAKDOWN BY RACE



BREAKDOWN BY AGE



From Ages 1 to 4	7%
From Ages 1 to 18	16%
From Ages 18 and up	84%
From Ages 65 and up	25%

LIMITED ENGLISH SPEAKING BREAKDOWN

Speak Spanish	100%
Speak Other Indo-European Languages	0%
Speak Asian-Pacific Island Languages	0%
Speak Other Languages	0%

Notes: Numbers may not sum to totals due to rounding. Hispanic population can be of any race.
Source: U.S. Census Bureau, American Community Survey (ACS) 2017-2021. Life expectancy data comes from the Centers for Disease Control.

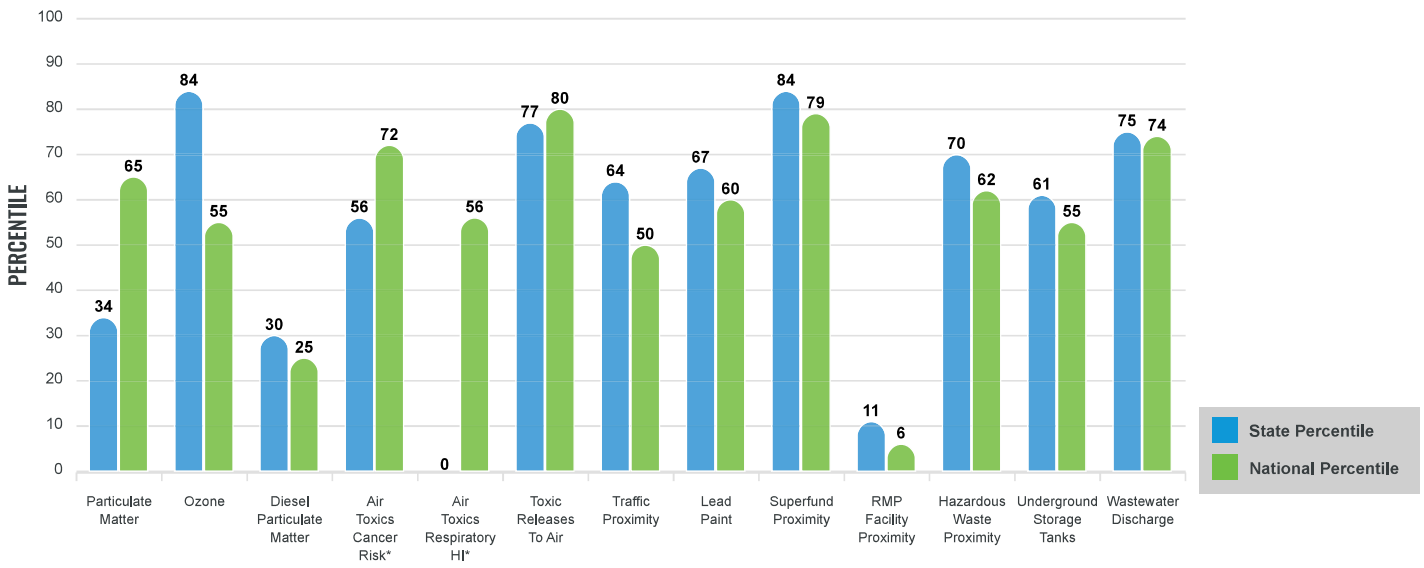
Environmental Justice & Supplemental Indexes

The environmental justice and supplemental indexes are a combination of environmental and socioeconomic information. There are thirteen EJ indexes and supplemental indexes in EJScreen reflecting the 13 environmental indicators. The indexes for a selected area are compared to those for all other locations in the state or nation. For more information and calculation details on the EJ and supplemental indexes, please visit the EJScreen website.

EJ INDEXES

The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.

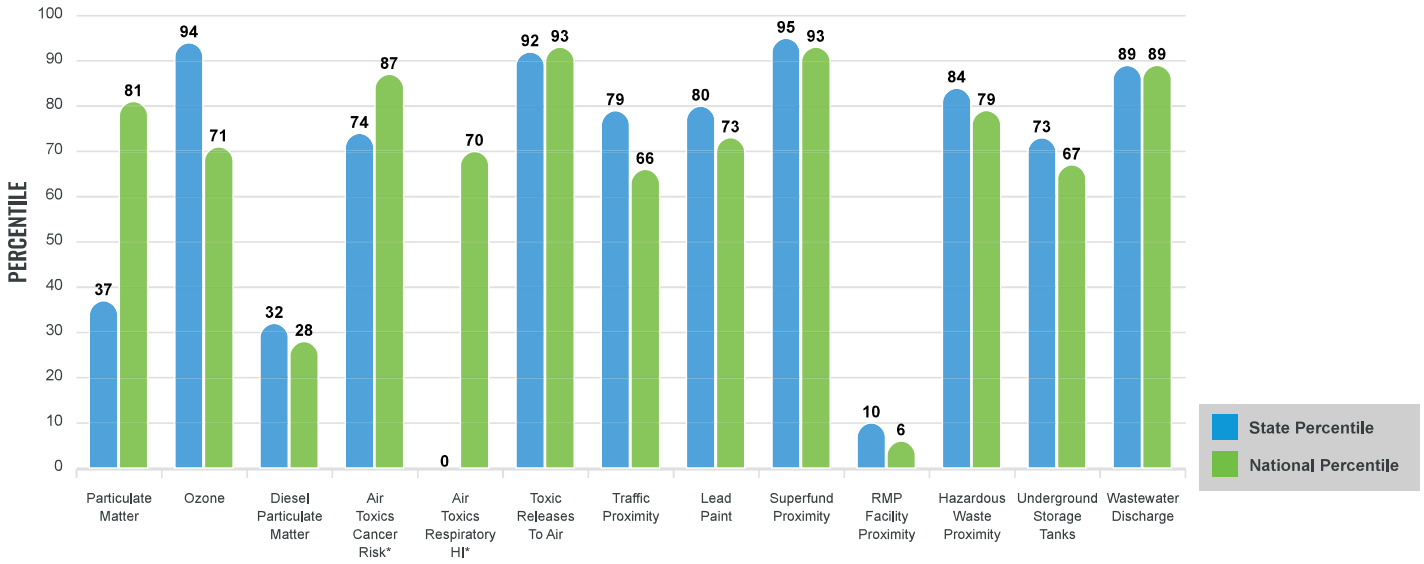
EJ INDEXES FOR THE SELECTED LOCATION



SUPPLEMENTAL INDEXES

The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on percent low-income, percent linguistically isolated, percent less than high school education, percent unemployed, and low life expectancy with a single environmental indicator.

SUPPLEMENTAL INDEXES FOR THE SELECTED LOCATION



These percentiles provide perspective on how the selected block group or buffer area compares to the entire state or nation.

Report for 1 mile Ring Centered at 34.564305,-94.218278

EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
POLLUTION AND SOURCES					
Particulate Matter (µg/m^3)	8.46	8.97	24	8.08	57
Ozone (ppb)	60.1	57.3	96	61.6	41
Diesel Particulate Matter (µg/m^3)	0.0892	0.169	20	0.261	13
Air Toxics Cancer Risk* (lifetime risk per million)	30	30	14	25	52
Air Toxics Respiratory HI*	0.3	0.37	0	0.31	31
Toxic Releases to Air	6,600	9,400	85	4,600	89
Traffic Proximity (daily traffic count/distance to road)	47	59	64	210	39
Lead Paint (% Pre-1960 Housing)	0.2	0.17	69	0.3	48
Superfund Proximity (site count/km distance)	0.31	0.039	98	0.13	91
RMP Facility Proximity (facility count/km distance)	0.027	0.42	7	0.43	3
Hazardous Waste Proximity (facility count/km distance)	0.76	0.54	75	1.9	56
Underground Storage Tanks (count/km^2)	0.52	1.1	56	3.9	40
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.029	66	81	22	75
SOCIOECONOMIC INDICATORS					
Demographic Index	34%	36%	55	35%	56
Supplemental Demographic Index	22%	17%	78	14%	82
People of Color	10%	31%	29	39%	23
Low Income	57%	41%	77	31%	86
Unemployment Rate	22%	6%	95	6%	96
Limited English Speaking Households	0%	1%	0	5%	0
Less Than High School Education	3%	13%	15	12%	27
Under Age 5	7%	6%	64	6%	66
Over Age 64	25%	18%	78	17%	81
Low Life Expectancy	25%	22%	76	20%	90

*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: https://www.epa.gov/haps/air-toxics-data-update.

Sites reporting to EPA within defined area:

Superfund 0
Hazardous Waste, Treatment, Storage, and Disposal Facilities 1
Water Dischargers 4
Air Pollution 1
Brownfields 0
Toxic Release Inventory 0

Other community features within defined area:

Schools 0
Hospitals 0
Places of Worship 0

Other environmental data:

Air Non-attainment ..... No
Impaired Waters ..... No

Selected location contains American Indian Reservation Lands* ..... No
Selected location contains a "Justice40 (CEJST)" disadvantaged community ..... Yes
Selected location contains an EPA IRA disadvantaged community ..... Yes

Report for 1 mile Ring Centered at 34.564305,-94.218278

EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS

INDICATOR	HEALTH VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	25%	22%	76	20%	90
Heart Disease	11.2	7.7	96	6.1	99
Asthma	10.3	10.4	54	10	64
Cancer	9.5	6.6	96	6.1	97
Persons with Disabilities	22.2%	18.7%	68	13.4%	91

CLIMATE INDICATORS

INDICATOR	HEALTH VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	10%	10%	63	12%	67
Wildfire Risk	2%	8%	76	14%	79

CRITICAL SERVICE GAPS

INDICATOR	HEALTH VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	21%	22%	50	14%	76
Lack of Health Insurance	17%	9%	92	9%	87
Housing Burden	No	N/A	N/A	N/A	N/A
Transportation Access	Yes	N/A	N/A	N/A	N/A
Food Desert	No	N/A	N/A	N/A	N/A

Footnotes

Report for 1 mile Ring Centered at 34.564305,-94.218278