Remedial Investigation Report
Soil Cover Evaluation
Walltown Park– NONCD0000824
Durham, Durham County, North Carolina
Task Order 824DP-2
S&ME Project No. 23050630

PREPARED FOR:

North Carolina Department of Environmental Quality
Division of Waste Management – Special Remediation Branch
Pre-Regulatory Landfill Unit
1646 Mail Service Center
Raleigh, NC 27699-1646

PREPARED BY:

S&ME, Inc.
3201 Spring Forest Road
Raleigh, NC 27616

March 6, 2024

March 6, 2024

North Carolina Department of Environmental Quality
Division of Waste Management – Special Remediation Branch
Pre-Regulatory Landfill Unit
1646 Mail Service Center
Raleigh, NC 27699-1646

Attention: Mr. Kevin Kelt via email: Kevin.Kelt@deq.nc.gov
Hydrogeologist

Reference: **Remedial Investigation Report – Soil Cover Evaluation**
Walltown Park – 1308 West Club Blvd.
Durham, Durham County, North Carolina
NCDEQ ID No. NONCD0000824
NCDEQ Task Orders 824DP-2
S&ME Project No. 23050630

Dear Mr. Kelt:

S&ME, Inc. (S&ME) is submitting this report to NCDEQ summarizing the results of the Remedial Investigation Activities (soil cover evaluation) conducted at the above-referenced site in Durham, North Carolina. S&ME completed this investigation in general conformance with S&ME Proposals No. 23050630I, dated November 17, 2023, for Task Order 821DP-2 and under the terms of Contract Number N42621-B, dated January 4, 2022, between NCDEQ and S&ME. The attached report includes the results of the following tasks:

- Soil Cover Thickness Evaluation
- Soil Cover Sampling

We appreciate the opportunity to provide environmental consulting services to NCDEQ. Please contact us if you have any questions about the information included in this report.

Sincerely,

S&ME, Inc.

Chelsea A. Parra, G.I.T.
Environmental Staff Professional
chelseaparra@smeinc.com

Gerald Paul
Senior Project Manager
jpaul@smeinc.com

Senior Reviewed by: Thomas P. Raymond, P.E., P.M.P.

Attachment: *Remedial Investigation Report*

Table of Contents

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Appendices

1.0 Summary of Current Investigation

S&ME completed the scope of services listed below for this investigation in general conformance with S&ME Proposal No. 23050630I, dated November 17, 2023, for Task Order 824DP-2:

- Evaluated thickness of soil cover via soil borings;
- Collected soil cover samples for laboratory analysis; and,
- Prepared this report.

S&ME's services were performed in general accordance with the North Carolina Department of Environmental Quality (NCDEQ), *Guidelines for Addressing Pre-Regulatory Landfills and Dumps* (March 2022) and S&ME's approved *Standard Operating Procedures and Quality Assurance (SOP/QA) Manual (July 2010)*, previously approved by NCDEQ.

2.0 Soil Cover Assessment

2.1 Soil Cover Thickness Evaluation

To assess the soil cover thickness across the investigation area, S&ME field representatives installed 140 soil borings on an approximate 100-foot sample grid (100' x 100', ~10,000 square foot areas). Within each grid node, S&ME collected one grab sample from the center of the grid (grab sample for volatile organic compounds (VOCs)) and offset by 25' in four directions (N, S, E, and W) to collect composite samples for all other analysis listed below **(Section 2.3)**. At locations where obstructions (buildings, vehicles, dense vegetation or concrete pads) were encountered, the boring was off set to collect a representative composite sample.

In some coverage areas the sample grids were less than 100' x 100' in size. At these locations, S&ME field personnel attempted to collect one representative sample in the middle of the investigation area and additional composite samples (if possible) from the investigation area.

Between December 13, 2023, and December 15, 2023, S&ME advanced 40 composite soil cover borings (824-SB-01 through 824-SB-40). The composite soil cover boring locations are shown on **Figure 1**. Soil cover borings were installed using a stainless-steel six-inch electric auger, which was decontaminated with liquinox and deionized water between each use. Borings were installed to approximately one foot below ground surface (bgs). Coordinates of the soil cover borings are included in **Appendix I**. Depth of waste and soil classifications for the 40 Grid borings are located in the boring logs in **Appendix II**.

2.2 Soil Cover Thickness Results

In general, soil cover across the waste disposal areas (WDAs) range in thickness from approximately three inches to greater than twelve inches. Shallow waste was encountered in 17 soil composite grids at depths ranging from three inches to four inches bgs. Waste was not encountered in 23 soil composite grids up

to the boring termination depth of 12 inches bgs. The soil cover material mostly consists of brown topsoil, sandy clay and clayey sand. Boring logs for all 40 composite grids can be found in **Appendix II** and soil cover thickness results are shown on **Figure 2.**

2.3 Soil Cover Sampling

At each boring location, a power auger was used to collect a representative soil sample to an approximate depth of twelve inches bgs. At each location, S&ME utilized a photo-ionization detector (PID) to field screen the soil cover samples for VOCs. S&ME collected a total of 21 composite soil cover samples (plus one quality control duplicate sample and trip blank sample for each day of sampling) and submitted them under standard chain-of-custody protocol to Pace Analytical National Center for Testing and Innovation in Mt. Juliet Tennessee. Samples were analyzed for VOCs by EPA Method 8260D and total lead by EPA Method 6020. Additionally, two samples (approximately 10% of analyzed samples) with the highest reported lead concentrations (SB-6 and SB-7) were analyzed for synthetic precipitation leaching procedure (SPLP) for lead only and toxicity characteristic leaching procedure (TCLP) for lead only, for comparison of leachable lead to the NCAC 2L Groundwater Standard, and the potential of future soil disposal.

2.4 Soil Sampling Results

Field Screened VOCs were measured at 0.0 parts per million (ppm) in the collected samples across the investigation area.
A summary of the laboratory results is included as **Table 1**. TCLP and SPLP laboratory results are included as **Table 2**. The laboratory reports and chain of custody forms are included in **Appendix III**.

The laboratory reported concentrations of lead exceeding the USEPA health-based screening level of 200 milligrams per kilogram (mg/kg) and equivalent to 200 parts per million (ppm) in 14 of the 40 composite samples that were submitted for laboratory analysis. Areas of the site reported to exceed the USEPA health-based screening level for lead are presented on **Figure 3**.

The TCLP results for the samples with the highest reported total lead concentrations were reported below the Maximum Concentration of Contaminants for Toxicity Characteristic levels, indicating that the lead concentrations are present at these locations below hazardous waste levels for TCLP lead. The SPLP results for the samples with the highest reported total lead concentrations exceed the NCAC 2L Standard, indicating the possibility of lead leaching from soil into groundwater.

Additionally, S&ME reviewed X-ray fluorescence (XRF) screening data from investigations conducted by Mid-Atlantic Associates Inc. (Mid-Atlantic) in July 2023, and by Enikoe Bihari (Duke University) from September 2021 to May 2022. Laboratory analytical data from soil samples collected by Mid-Atlantic in July 2023 were also used. These data were utilized to create **Figures 4A, 4B, and 4C** to represent possible lead contamination at East Durham Park. **Figure 4C** combines the data from the referenced sampling events to present all the exceedances of the USEPA health-based screening level of 200 mg/kg for lead. **Figure 5** combines the historical exceedances of the USEPA health-based screening level of 200 mg/kg

for lead and the sample grids that were shown to have an insufficient soil cover thickness per the NCDEQ Pre-Regulatory Landfill Guidelines.

2.5 Risk Calculator

NCDEQ's Risk Calculator was used to evaluate environmental exposure risks of detected VOCs only and exposure pathways associated with the Landfill Cover Soil Samples. S&ME used the February 2024 version of NCDEQ's Risk Calculator, downloaded from the NCDEQ website.

The highest concentration of each detected VOC was input into the NCDEQ Risk Calculator. The risk calculator uses the analytical results and generates a Carcinogenic Risk and Hazard Index value. The outputs from the Risk Calculator provided the following:

- The Carcinogenic Risk and the Hazard Index were not exceeded for resident, non-residential worker, construction worker, and recreator/trespasser receptors.

Currently there is no USEPA reference dose or cancer potency factor to quantify risks associated with exposures to lead. Exposure risks to lead are characterized based on predicted blood lead levels. The USEPA's health-based screening levels for lead in soil are as follows:

- Lead Compounds, residential soil exposure: The screening value for direct residential contact is 200 mg/kg. Reported laboratory concentrations of lead exceeding the USEPA health-based screening levels were reported in 14 of the 40 sample grids (S&ME 2023 Data only). Historically reported concentrations of lead at concentrations greater than the USEPA health-based screening levels were reported in 18 of the 40 sample grids (S&ME – 2023, Mid-Atlantic – 2023 and Duke University - 2022).

The Risk Calculator Summary Outputs are in **Appendix IV**.

3.0 Quality Control

Quality control samples were collected and analyzed as follows:

Soil Sample Duplicates

- One duplicate sample was collected during sampling. The duplicate sample was taken at 824-SB-14 and analyzed for the same parameters as the record sample. Analytical results of the duplicate samples agreed well with the record samples.

Trip Blank

- One trip blank sample of laboratory provided Deionized Water was kept with the laboratory samples throughout the sampling event and analyzed for VOCs by 8260D. No analytes were reported above the laboratory's minimum detection limit.

The laboratory conducted USEPA quality assurance and quality control procedures and reporting as required for laboratory analysis according to USEPA Level II Protocols. Reported laboratory analytical data met data quality objectives.

4.0 Sole Use Statement

This report is solely intended for use by NCDEQ for the services that were performed in accordance with S&ME Proposal No. 23050630I, dated November 17, 2023, for Task Order 824DP-2 as authorized by NCDEQ.

5.0 Certification Acknowledgement

"I certify that to the best of my knowledge, after thorough investigation, the information contained in or accompanying this certification is true, accurate, and complete."

Gerald Paul / S&ME, Inc.
Name of Environmental Consultant / Company

Signature of Environmental Consultant — March 6, 2024 — Date

I, Gail L. Kluever, a Notary Public of said County and State, do hereby certify that Gerald Paul did personally appear and sign before me this day, produced proper identification in the form of Personally Known, was duly sworn or affirmed, and declared that, he or she is the duly authorized environmental consultant referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 6th day of March, 2024.

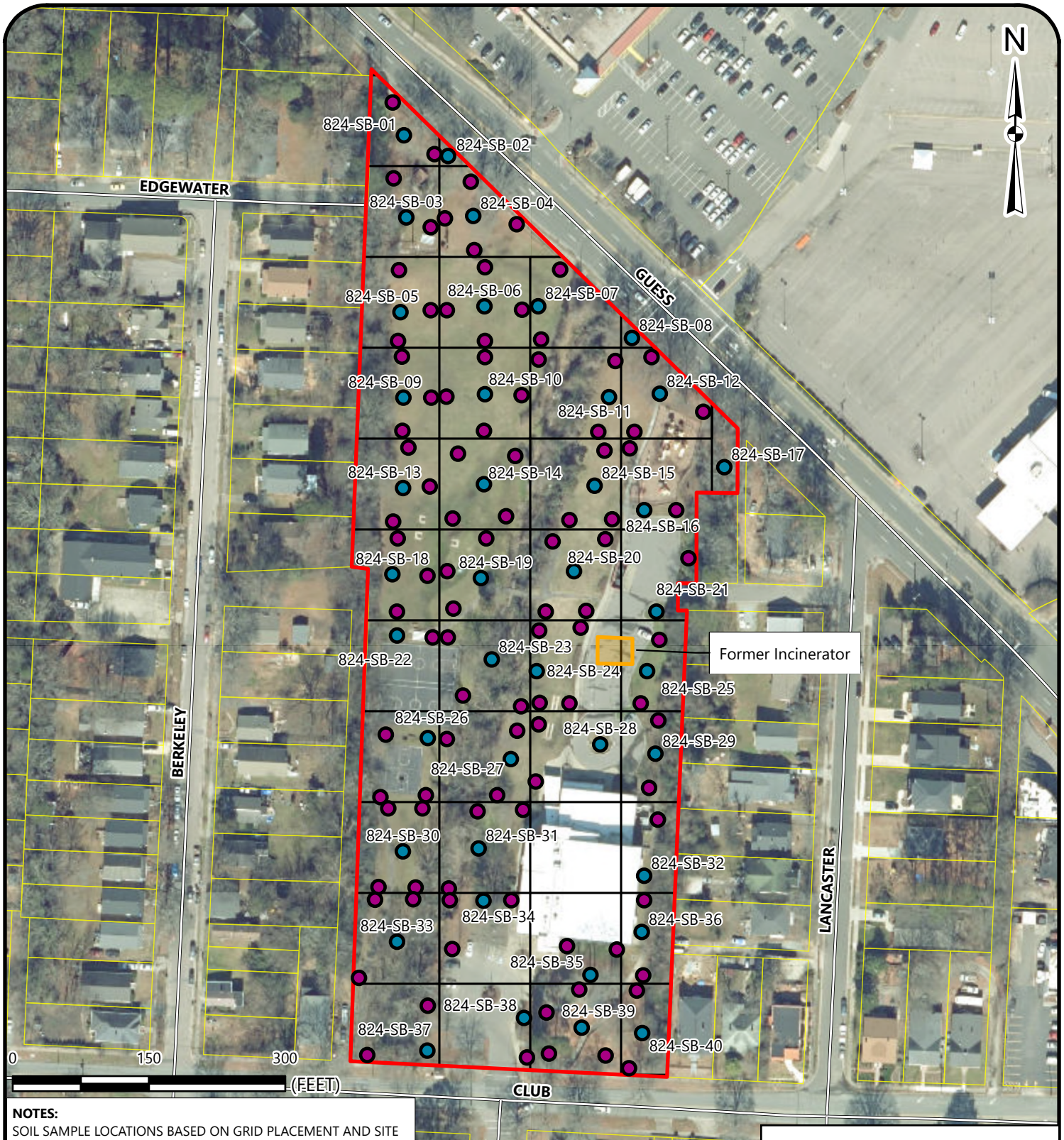
(OFFICIAL SEAL)

Gail L. Kluever

Notary Public (signature)

My commission expires: 7/26/2026

Figures



Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\Walltown Park\Walltown Park.aprx Plotted by: ChelseaParra

NOTES:
SOIL SAMPLE LOCATIONS BASED ON GRID PLACEMENT AND SITE ACCESSIBILITY.

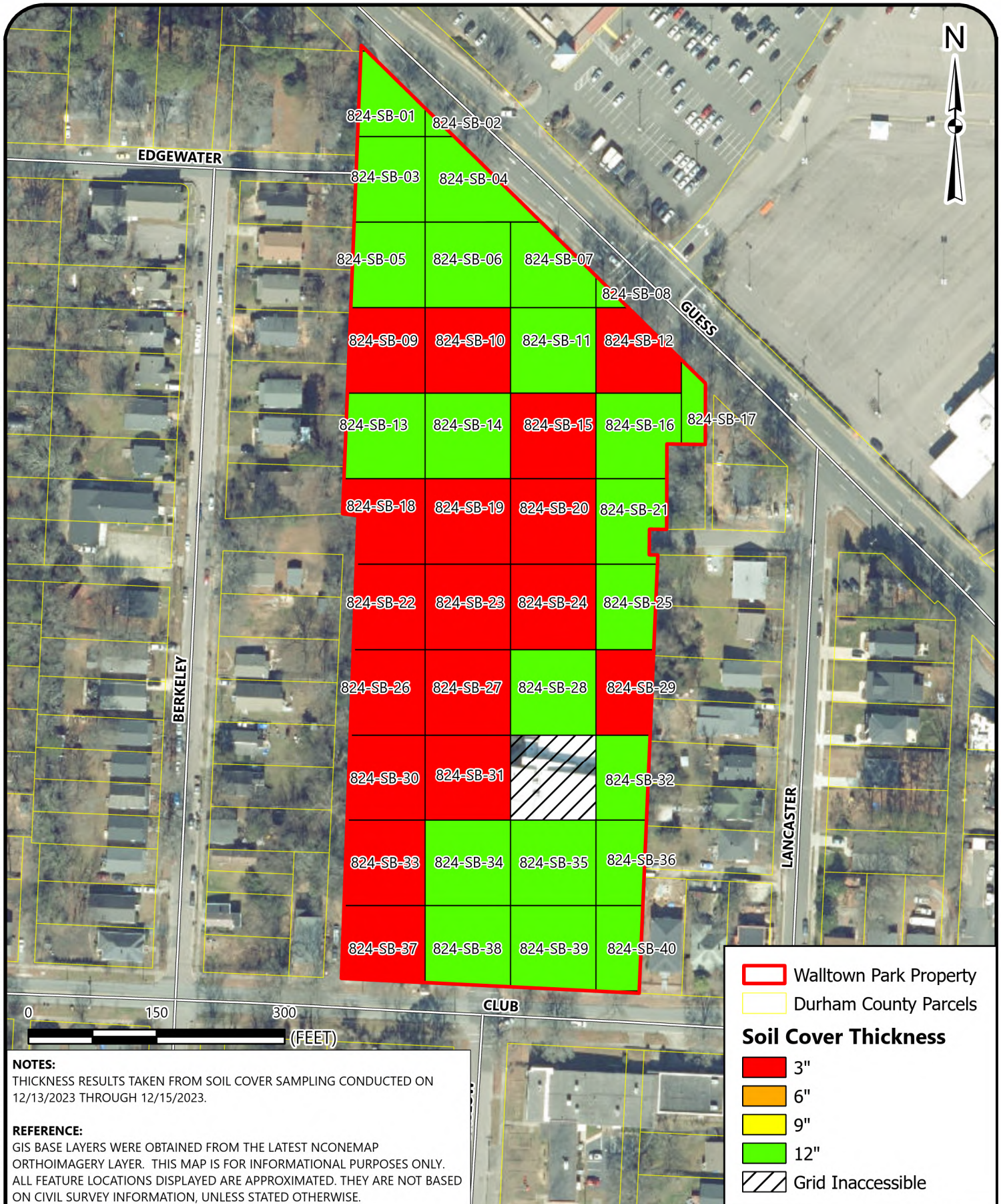
REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM THE LATEST NCONEMAP ORTHOIMAGERY LAYER. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

- Walltown Park Property
- Durham County Parcels
- Former Incinerator
- Soil Cover Composite Boring
- Composite Grid Center Boring

SITE MAP WITH BORING LOCATIONS

WALLTOWN PARK
NCDEQ ID NO. NONCD0000824, TASK ORDER 824DP-2
1308 W. CLUB BOULEVARD
DURHAM, NORTH CAROLINA

SCALE: 1 in = 150 ft
DATE: 2/19/2024
PROJECT NUMBER 23050630
FIGURE NO. 1



NOTES:
THICKNESS RESULTS TAKEN FROM SOIL COVER SAMPLING CONDUCTED ON 12/13/2023 THROUGH 12/15/2023.

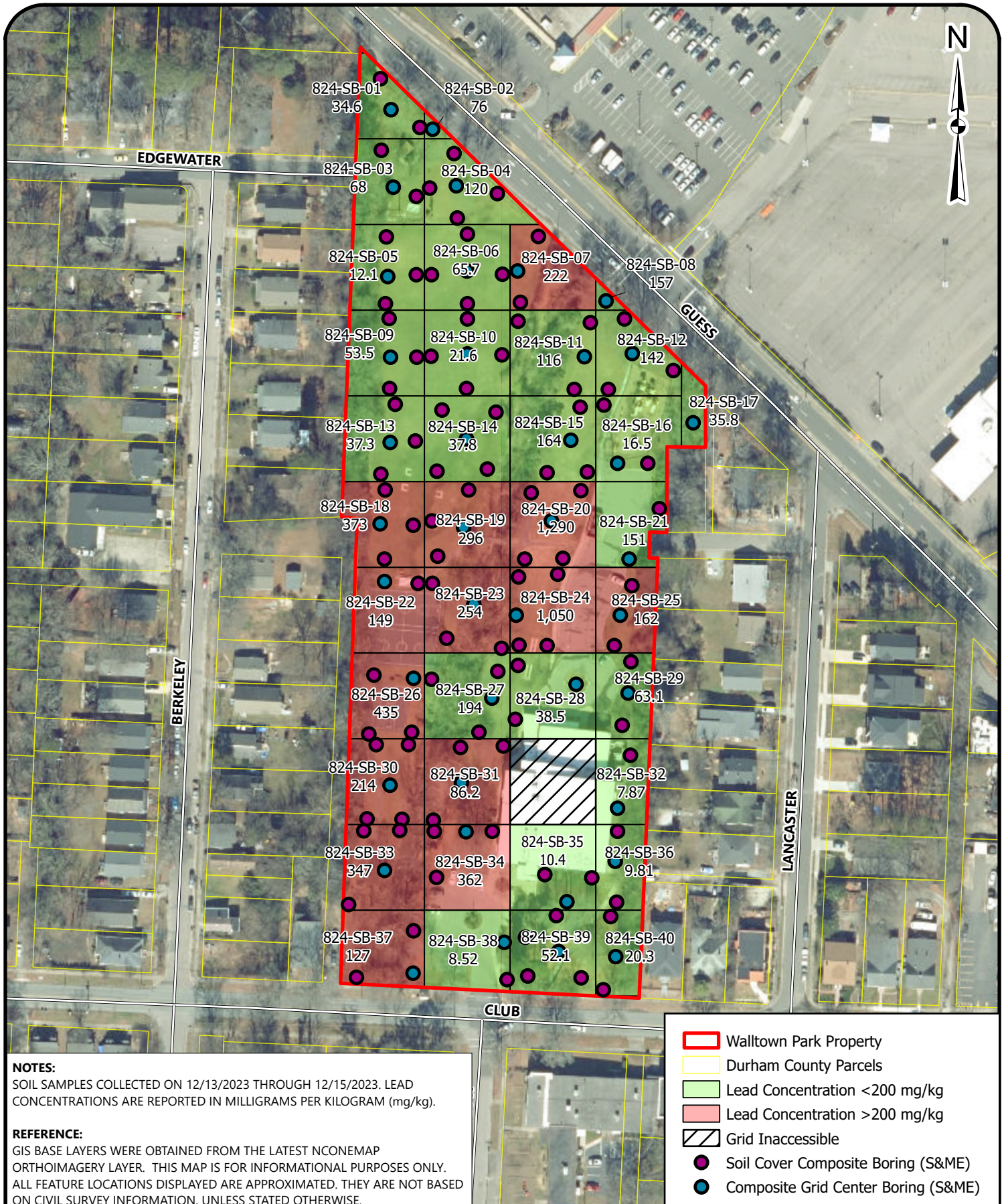
REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM THE LATEST NCONEMAP ORTHOIMAGERY LAYER. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\Walltown Park\Walltown Park.aprx Plotted by: ChelseaParra

SOIL COVER THICKNESS RESULTS

WALLTOWN PARK
NCDEQ ID NO. NONCD0000824, TASK ORDER 824DP-2
1308 W. CLUB BOULEVARD
DURHAM, NORTH CAROLINA

SCALE: 1 in = 150 ft
DATE: 2/16/2024
PROJECT NUMBER 23050630
FIGURE NO. 2



NOTES:
SOIL SAMPLES COLLECTED ON 12/13/2023 THROUGH 12/15/2023. LEAD CONCENTRATIONS ARE REPORTED IN MILLIGRAMS PER KILOGRAM (mg/kg).

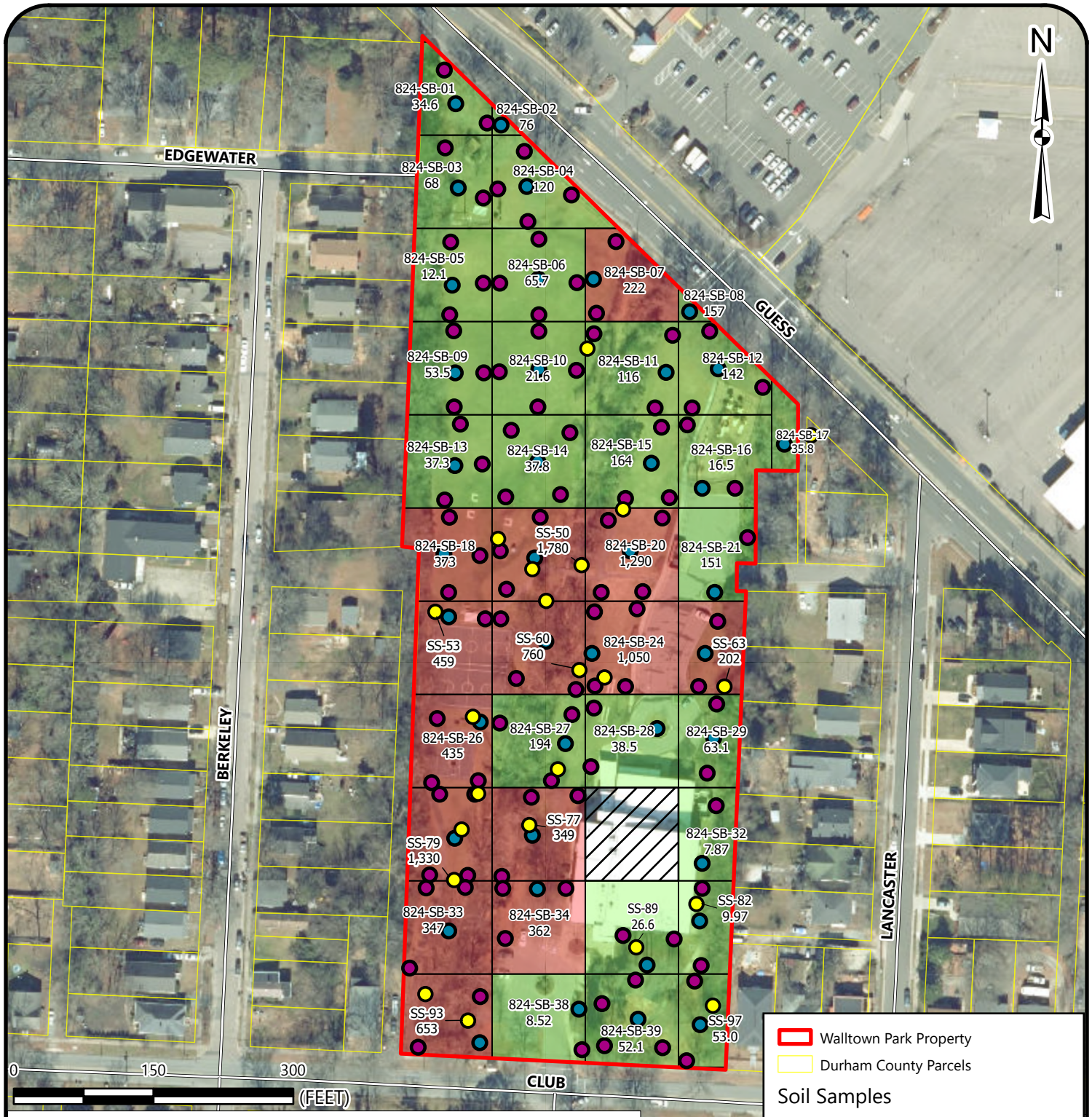
REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM THE LATEST NCONEMAP ORTHOIMAGERY LAYER. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\Walltown Park\Walltown Park.aprx Plotted by: ChelseaParra

LEAD CONCENTRATIONS MAP - S&ME DATA

WALLTOWN PARK
NCDEQ ID NO. NONCD0000824, TASK ORDER 824DP-2
1308 W. CLUB BOULEVARD
DURHAM, NORTH CAROLINA

SCALE: 1 in = 150 ft
DATE: 2/23/2024
PROJECT NUMBER 23050630
FIGURE NO. 3



Walltown Park Property

Durham County Parcels

Soil Samples

- Soil Cover Composite Boring (S&ME)
- Composite Grid Center Boring (S&ME)
- Soil Boring (Mid-Atlantic, 2023)

Lead Concentration

- Lead Concentration <200 mg/kg
- Lead Concentration >200 mg/kg
- Grid Inaccessible

NOTES:
SOIL SAMPLES COLLECTED ON 12/13/2023 THROUGH 12/15/2023 BY S&ME. MID-ATLANTIC ASSOCIATES INC. (MID-ATLANTIC) SOIL BORINGS ARE REFERENCED FROM "SOIL ASSESSMENT REPORT - CITY OF DURHAM PARKS" DATED AUGUST 18, 2023, SEE REPORT FOR DETAILS.
LEAD CONCENTRATIONS ARE REPORTED IN MILLIGRAMS PER KILOGRAM (mg/kg). HIGHEST LEAD CONCENTRATION FROM EACH DATASET (S&ME AND MID-ATLANTIC) ARE PRESENTED.

REFERENCE:
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HISTORICAL INVESTIGATION MAP - LEAD CONCENTRATIONS S&ME AND MID-ATLANTIC DATA

WALLTOWN PARK
NCDEQ ID NO. NONCD0000824, TASK ORDER 824DP-2
1308 W. CLUB BOULEVARD
DURHAM, NORTH CAROLINA

SCALE: 1 in = 150 ft

DATE: 2/23/2024

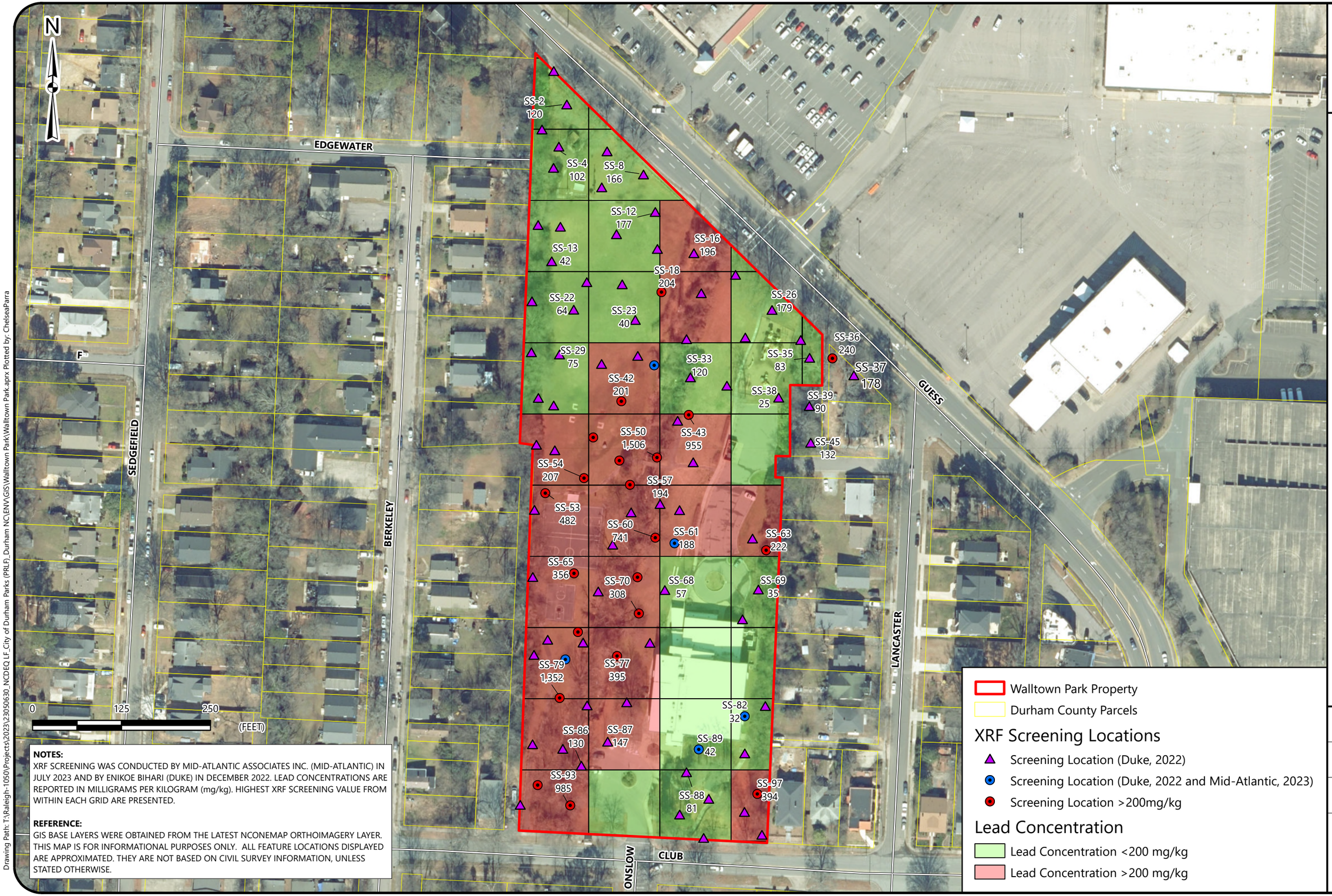
PROJECT NUMBER 23050630

FIGURE NO. 4A

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\Walltown Park\Walltown Park.aprx Plotted by: ChelseaParra

HISTORICAL INVESTIGATION MAP - LEAD CONCENTRATIONS
DUKE AND MID-ATLANTIC XRF SCREENING DATA ONLY

WALLTOWN PARK
NCDEQ ID NO. NONCD0000824, TASK ORDER 824DP-2
1308 W. CLUB BOULEVARD
DURHAM, NORTH CAROLINA



NOTES:
XRF SCREENING WAS CONDUCTED BY MID-ATLANTIC ASSOCIATES INC. (MID-ATLANTIC) IN JULY 2023 AND BY ENIKOE BIHARI (DUKE) IN DECEMBER 2022. LEAD CONCENTRATIONS ARE REPORTED IN MILLIGRAMS PER KILOGRAM (mg/kg). HIGHEST XRF SCREENING VALUE FROM WITHIN EACH GRID ARE PRESENTED.

REFERENCE:
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Walltown Park Property
Durham County Parcels

XRF Screening Locations

- Screening Location (Duke, 2022)
- Screening Location (Duke, 2022 and Mid-Atlantic, 2023)
- Screening Location >200mg/kg

Lead Concentration

- Lead Concentration <200 mg/kg
- Lead Concentration >200 mg/kg

SCALE:
1 in = 125 ft

DATE:
2/23/2024

PROJECT NUMBER
23050630

FIGURE NO.
4B

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\Walltown Park\Walltown Park.aprx Plotted by: ChelseaParra

HISTORICAL INVESTIGATIONS MAP - LEAD CONCENTRATIONS
ALL DATA - S&ME (LAB), MID-ATLANTIC (LAB AND XRF), DUKE (XRF)

WALLTOWN PARK
NCDEQ ID NO. NONCD0000824, TASK ORDER 824DP-2
1308 W. CLUB BOULEVARD
DURHAM, NORTH CAROLINA

SCALE: 1 in = 125 ft

DATE: 2/23/2024

PROJECT NUMBER 23050630

FIGURE NO. 4C

N

EDGEWATER

F

SEDGEFIELD

BERKELEY

CLUB

ONSLOW

GUESS

LANCASTER

SS-2 120
824-SB-02 76
SS-8 166
SS-4 102
SS-12 177
824-SB-07 222
824-SB-08 157
SS-13 42
SS-22 64
SS-23 40
SS-18 204
SS-26 179
SS-36 240
SS-29 75
SS-42 201
824-SB-15 164
SS-35 83
SS-38 25
SS-37 178
SS-39 90
SS-50 1,780
824-SB-18 373
824-SB-20 1,290
824-SB-21 151
SS-45 132
SS-57 194
SS-53 482
SS-60 760
824-SB-24 1,050
SS-63 222
824-SB-26 435
SS-70 308
SS-68 57
824-SB-29 63.1
SS-79 1,352
SS-77 395
824-SB-32 7.87
SS-82 32
824-SB-33 347
824-SB-34 362
SS-89 42
SS-93 985
824-SB-38 8.52
SS-88 81
SS-97 394

0 125 250 (FEET)

Walltown Park Property
Durham County Parcels

XRF Screening Locations
- Screening Location (2022)
- Screening Location (2022 and 2023)
- Screening Location >200mg/kg

Soil Samples
- Soil Cover Composite Boring (S&ME)
- Composite Grid Center Boring (S&ME)
- Soil Sample (Mid-Atlantic)

Lead Concentration
- Lead Concentration <200 mg/kg
- Lead Concentration >200 mg/kg

NOTES:
SOIL SAMPLES COLLECTED ON 12/13/2023 THROUGH 12/15/2023 BY S&ME. MID-ATLANTIC ASSOCIATES INC. (MID-ATLANTIC) SOIL BORINGS ARE REFERENCED FROM "SOIL ASSESSMENT REPORT - CITY OF DURHAM PARKS" DATED AUGUST 18, 2023, SEE REPORT FOR DETAILS. XRF SCREENING WAS CONDUCTED BY MID-ATLANTIC IN JULY 2023 AND BY ENIKOE BIHARI (DUKE) IN DECEMBER 2022. LEAD CONCENTRATIONS ARE REPORTED IN MILLIGRAMS PER KILOGRAM (mg/kg). HIGHEST LEAD CONCENTRATION FROM EACH DATASET (S&ME, MID-ATLANTIC, AND DUKE) ARE PRESENTED.

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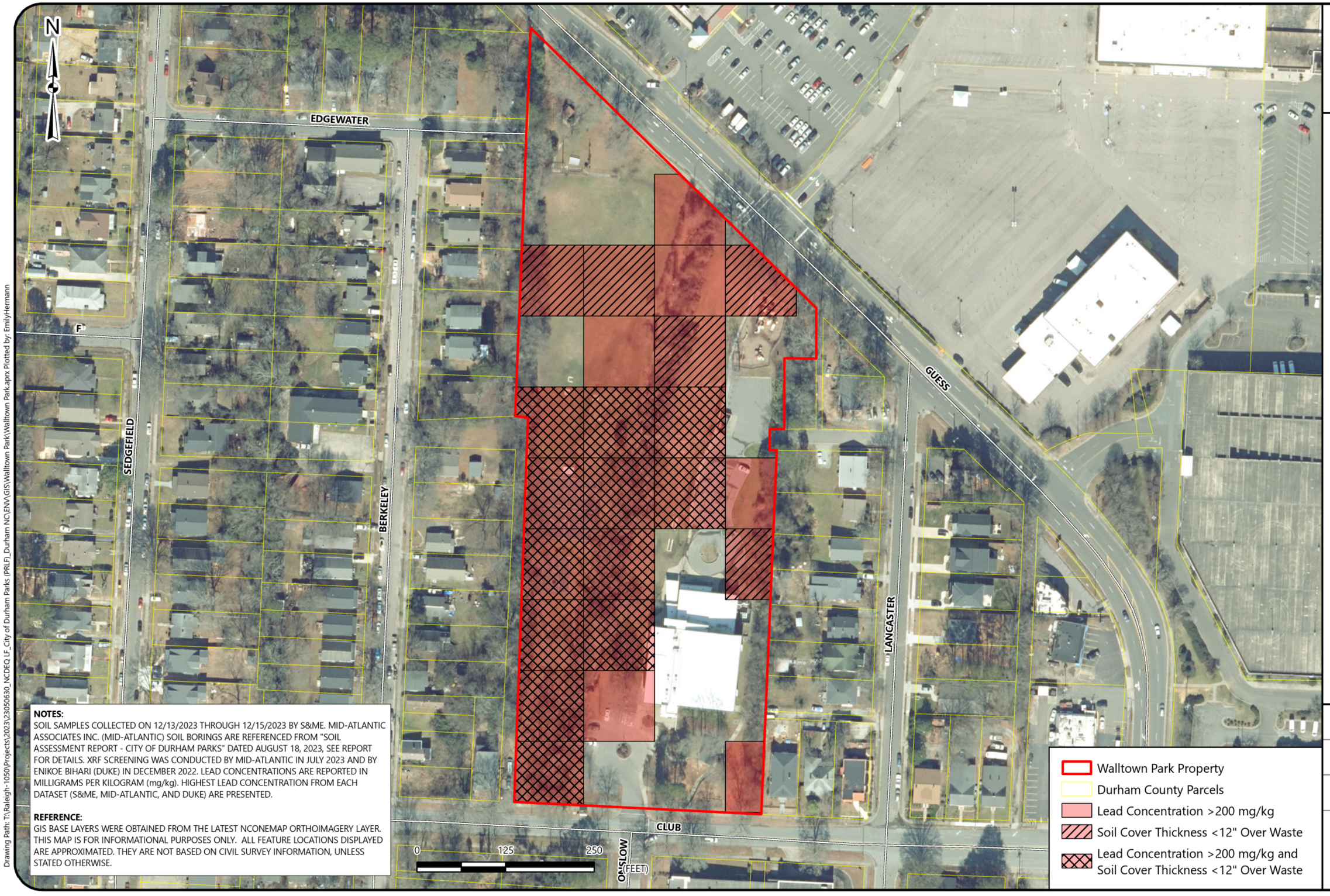
Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLP)_Durham NC\ENV\GIS\Walltown Park\Walltown Park.aprx Plotted by: ChelseaParra

COMBINED QUALITY ASSURANCE AND THICKNESS MAP

WALLTOWN PARK
NCDEQ ID NO. NONCD0000824, TASK ORDER 824DP-2
1308 W. CLUB BOULEVARD
DURHAM, NORTH CAROLINA



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SOIL SAMPLES COLLECTED ON 12/13/2023 THROUGH 12/15/2023 BY S&ME. MID-ATLANTIC ASSOCIATES INC. (MID-ATLANTIC) SOIL BORINGS ARE REFERENCED FROM "SOIL ASSESSMENT REPORT - CITY OF DURHAM PARKS" DATED AUGUST 18, 2023, SEE REPORT FOR DETAILS. XRF SCREENING WAS CONDUCTED BY MID-ATLANTIC IN JULY 2023 AND BY ENIKOE BIHARI (DUKE) IN DECEMBER 2022. LEAD CONCENTRATIONS ARE REPORTED IN MILLIGRAMS PER KILOGRAM (mg/kg). HIGHEST LEAD CONCENTRATION FROM EACH DATASET (S&ME, MID-ATLANTIC, AND DUKE) ARE PRESENTED.

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SCALE:
1 in = 125 ft

DATE:
3/6/2024

PROJECT NUMBER
23050630

FIGURE NO.
5

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\Walltown Park\Walltown Park.aprx Plotted by: EmilyHermann

Tables

TABLE 1
Soil Sample Analytical Results Summary
City of Durham Parks PRLF
S&ME Project No. 23050630
824-Walltown Park

Analytical Method →		Volatile Organic Compounds by EPA Method 8260D (mg/kg)												Metals by EPA Method 6020B (mg/kg)
Analyte →		Acetone	Benzene	tert-Butylbenzene	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Naphthalene	Tetrachloroethene	Toluene	1,2,4 - Trimethylbenzene	1,3,5- Trimethylbenzene	Total Xylenes	Lead
Sample ID	Date Collected													
824-SB-01	12/13/2023	<0.0651 C3	<0.00130	<0.00651	<0.00326	<0.00326	<0.00651	<0.0163	<0.00326	<0.00651	<0.00651	<0.00651	<0.00847	**34.6**
824-SB-02	12/13/2023	<0.0746 C3	<0.00149	<0.00746	<0.00374	<0.00374	<0.00746	<0.0187	<0.00374	<0.00746	<0.00746	<0.00746	<0.00971	**76**
824-SB-03	12/13/2023	<0.0687 C3	<0.00137	<0.00687	<0.00344	<0.00344	<0.00687	<0.0171	<0.00344	<0.00687	<0.00687	<0.00687	<0.00892	**68**
824-SB-04	12/13/2023	<0.0756 C3	<0.00151	<0.00756	<0.00378	<0.00378	<0.00756	<0.0190	<0.00378	<0.00756	<0.00756	<0.00756	<0.00982	**120**
824-SB-05	12/13/2023	<0.0728 C3	<0.00146	<0.00728	<0.00365	<0.00365	<0.00728	<0.0182	<0.00365	<0.00728	<0.00728	<0.00728	<0.00947	**12.1**
824-SB-06	12/13/2023	<0.0734 C3	<0.00147	<0.00734	<0.00367	<0.00367	<0.00734	<0.0184	<0.00367	<0.00734	<0.00734	<0.00734	<0.00955	**65.7**
824-SB-07	12/13/2023	<0.0646 C3	<0.00129	<0.00646	<0.00323	<0.00323	<0.00646	**0.111**	<0.00323	<0.00646	<0.00646	<0.00646	<0.00840	**222**
824-SB-08	12/13/2023	<0.0700 C3	<0.00140	<0.00700	<0.00351	<0.00351	<0.00700	<0.0175	<0.00351	<0.00700	<0.00700	<0.00700	<0.00911	**157**
824-SB-09	12/13/2023	<0.0666 C3	<0.00133	<0.00666	<0.00333	<0.00333	<0.00666	**0.0368**	<0.00333	<0.00666	<0.00666	<0.00666	<0.00866	**53.5**
824-SB-10	12/13/2023	<0.0717 C3	<0.00143	<0.00717	<0.00359	<0.00359	<0.00717	<0.0180	<0.00359	<0.00717	<0.00717	<0.00717	<0.00933	**21.6**
824-SB-11	12/13/2023	<0.0713 C3	**0.00429**	<0.00713	**0.00378**	<0.00356	<0.00713	**0.0234**	<0.00356	**0.0393**	**0.00821**	<0.00713	**0.043**	**116**
824-SB-12	12/13/2023	<0.0780 C3	<0.00156	<0.00780	<0.00390	<0.00390	<0.00780	**0.0229**	**0.0143 C5**	<0.00780	**0.0105**	<0.00780	**0.0218**	**142**
824-SB-13	12/13/2023	<0.0688 C3	<0.00138	<0.00688	<0.00345	<0.00345	<0.00688	<0.0172	<0.00345	<0.00688	<0.00688	<0.00688	<0.00895	**37.3**
824-SB-14	12/13/2023	<0.0659 C3	<0.00132	<0.00659	<0.00329	<0.00329	<0.00659	<0.0165	<0.00329	<0.00659	<0.00659	<0.00659	<0.00856	**37.8**
824-SB-15	12/13/2023	<0.0760 C3	<0.00152	<0.00760	<0.00380	<0.00380	<0.00760	<0.0190	<0.00380	<0.00760	<0.00760	<0.00760	<0.00988	**164**
824-SB-16	12/13/2023	<0.0701	<0.00140	<0.00701	<0.00351	<0.00351	**0.00803**	<0.0176	<0.00351	<0.00701	<0.00701	<0.00701	<0.00913	**16.5**
824-SB-17	12/13/2023	<0.0731	<0.00146	<0.00731	<0.00366	<0.00366	<0.00731	<0.0184	<0.00366	<0.00731	<0.00731	<0.00731	<0.00951	**35.8**
824-SB-18	12/13/2023	<0.0694	<0.00139	<0.00694	<0.00347	<0.00347	<0.00694	<0.0174	<0.00347	<0.00694	<0.00694	<0.00694	<0.00903	**373**
824-SB-19	12/13/2023	<0.0692	<0.00138	<0.00692	<0.00347	<0.00347	<0.00692	<0.0173	<0.00347	<0.00692	<0.00692	<0.00692	<0.00901	**296**
824-SB-20	12/13/2023	<0.0961	<0.00192	<0.00961	<0.00481	<0.00481	<0.00961	**0.0368**	<0.00481	<0.00961	<0.00961	<0.00961	**0.0142**	**1,290**
824-SB-21	12/14/2023	<0.0701	<0.0014	<0.00701	<0.00351	<0.00351	<0.00701	<0.0175	<0.00351	<0.00701	<0.00701	<0.00701	<0.00912	**151**
824-SB-22	12/14/2023	<0.0851	<0.0017	<0.00851	<0.00425	<0.00425	<0.00851	<0.0213	<0.00425	<0.00851	<0.00851	<0.00851	<0.0111	**149**
824-SB-23	12/14/2023	<0.0852 C3	<0.00170	<0.00852	<0.00427	<0.00427	<0.00852	**0.0425**	<0.00427	<0.00852	<0.00852	<0.00852	<0.0111	**254**
824-SB-24	12/14/2023	<0.0782 C3	<0.00156	<0.00782	<0.00391	<0.00391	<0.00782	<0.0195	<0.00391	<0.00782	<0.00782	<0.00782	<0.0102	**1,050**
824-SB-25	12/14/2023	<0.0782 C3	**0.00363**	**0.00793**	**0.0143**	**0.00594**	<0.00782	**0.118**	**0.00453 C5**	**0.0482**	**0.0479**	**0.0131**	**0.188**	**162**
824-SB-26	12/14/2023	<0.0754 C3	<0.00151	<0.00754	<0.00378	<0.00378	<0.00754	<0.0188	<0.00378	<0.00754	<0.00754	<0.00754	<0.00981	**435**
824-SB-27	12/14/2023	<0.0720 C3	<0.00144	<0.00720	<0.00360	<0.00360	<0.00720	<0.0180	<0.00360	<0.00720	<0.00720	<0.00720	**0.0112**	**194**
824-SB-28	12/14/2023	<0.0631 C3	<0.00126	<0.00631	<0.00315	<0.00315	<0.00631	<0.0158	<0.00315	<0.00631	<0.00631	<0.00631	<0.00820	**38.5**
824-SB-29	12/14/2023	<0.0814 C3	<0.00163	<0.00814	<0.00408	<0.00408	<0.00814	<0.0204	<0.00408	<0.00814	<0.00814	<0.00814	<0.0106	**63.1**
824-SB-30	12/15/2023	<0.0875 C3	<0.00175	<0.00875	<0.00438	<0.00438	<0.00875	<0.0219 C3	<0.00438	<0.00875	<0.00875	<0.00875	<0.0114	**214**
824-SB-31	12/15/2023	<0.0693 C3	<0.00139	<0.00693	<0.00347	<0.00347	<0.00693	<0.0173 C3	<0.00347	<0.00693	<0.00693	<0.00693	<0.00900	**86.2**
824-SB-32	12/15/2023	<0.0821 C3	<0.00164	<0.00821	<0.00411	<0.00411	<0.00821	<0.0205	<0.00411	<0.00821	<0.00821	<0.00821	<0.0107	**7.87 O1**
824-SB-33	12/15/2023	<0.0595 C3	**0.00179**	<0.00595	<0.00298	<0.00298	<0.00595	**0.433 C3**	<0.00298	**0.0115**	<0.00595	<0.00595	**0.0146**	**347**
824-SB-34	12/15/2023	<0.0984 C3	<0.00197	<0.00984	<0.00492	<0.00492	<0.00984	<0.0246 C3	<0.00492	<0.00984	<0.00984	<0.00984	<0.0127	**362**
824-SB-35	12/15/2023	<0.0888 C3	<0.00178	<0.00888	<0.00444	<0.00444	<0.00888	<0.0221 C3	<0.00444	<0.00888	<0.00888	<0.00888	<0.0115	**10.4**
824-SB-36	12/15/2023	<0.125 C3	<0.00251	<0.0125	<0.00628	<0.00628	<0.0125	<0.0313 C3	<0.00628	<0.0125	<0.0125	<0.0125	<0.0163	**9.81**
824-SB-37	12/15/2023	**0.257 C3**	**0.0079**	<0.00815	<0.00408	<0.00408	<0.00815	**0.0257 C3**	**0.0042**	**0.0257**	<0.00815	<0.00815	**0.0354**	**127**
824-SB-38	12/15/2023	<0.0795 C3	<0.00159	<0.00795	<0.00397	<0.00397	<0.00795	<0.0199 C3	<0.00397	<0.00795	<0.00795	<0.00795	<0.0103	**8.52**
824-SB-39	12/15/2023	<0.0791 C3	<0.00158	<0.00791	<0.00396	<0.00396	<0.00791	<0.0198 C3	<0.00396	<0.00791	<0.00791	<0.00791	<0.0103	**52.1**
824-SB-40	12/15/2023	<0.0753 C3	<0.00151	<0.00753	<0.00377	<0.00377	<0.00753	<0.0188 C3	<0.00377	<0.00753	<0.00753	<0.00753	<0.00978	**20.3**
DUP-1 (824-SB-14)	12/13/2023	<0.067	<0.00134	<0.0067	<0.00335	<<0.00335	<0.0067	<0.0167	<0.00335	<0.0067	<0.0067	<0.0067	<0.00871	**62.4**

Notes:
mg/kg - milligrams per kilogram.
C3: The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C5: Laboratory Qualifier: The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.
O1: Laboratory Qualifier: The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.
Concentrations shown in **BOLD** exceed the laboratory detection limits.
Concentrations of Lead that exceed the USEPA Health-Based Screening Level of 200 mg/kg are **highlighted yellow.**

TABLE 2
Soil Sample Analytical Results Summary - TCLP/SPLP Results
City of Durham Parks PRLF
S&ME Project No. 23050630
824-Walltown Park

Analytical Method →		TCLP Lead (mg/L)	SPLP Lead (µg/L)
Analyte →			
Sample ID	**Date Collected**		
SB-18	12/13/2023	**0.828**	**239**
SB-20	12/13/2023	**2.33**	**577**
SB-24	12/14/2023	**0.184**	**740**
SB-26	12/14/2023	**0.501**	**434**
Maximum Concentration of Contaminant for Toxicity Characteristic		**5**	**NE**
2L Groundwater Standard		**NE**	**15**

Notes:
mg/l: milligrams per liter
ug/L: micrograms per liter
V: The sample concentration is too high to evaluate accurate spike recoveries.
TCLP: Toxic Characteristic Leaching Procedure
SPLP: Synthetic Precipitation Leaching Procedure
Concentrations shown in **BOLD** exceed the laboratory detection limits.
Concentrations that exceed the NCAC 2L Groundwater Standard are **highlighted yellow.**

Appendices

Appendix I – Coordinates of Selected Features

APPENDIX I
Coordinates of Selected Features
Walltown Park, NONCD0000824
Durham, Durham County, North Carolina
S&ME Project No.: 23050230, Task Order 824DP-2

Site Feature	Type	Location			
		Latitude	Longitude	Northing	Easting
824-SB-01-1	Soil Cover Boring	36.01989	-78.91466	687912.77600	3988165.80300
824-SB-01-2	Soil Cover Boring	36.01983	-78.91449	687908.79200	3988176.73100
824-SB-01-3	Soil Cover Boring	36.01983	-78.91454	687923.17200	3988159.70700
824-SB-02-1	Soil Cover Boring	35.98927	-78.91865	687927.73100	3988159.15000
824-SB-03-1	Soil Cover Boring	36.01964	-78.91465	687914.14700	3988138.28200
824-SB-03-2	Soil Cover Boring	36.01976	-78.91469	687909.61800	3988151.30000
824-SB-03-3	Soil Cover Boring	36.01961	-78.91456	687922.40500	3988135.17300
824-SB-04-1	Soil Cover Boring	36.01964	-78.91440	687936.58100	3988139.23500
824-SB-04-2	Soil Cover Boring	36.01954	-78.91440	687937.14400	3988127.77400
824-SB-04-3	Soil Cover Boring	36.01975	-78.91441	687935.52600	3988150.68500
824-SB-04-4	Soil Cover Boring	36.01962	-78.91424	687951.21800	3988136.74900
824-SB-04-5	Soil Cover Boring	36.01964	-78.91450	687927.09600	3988138.22100
824-SB-05-1	Soil Cover Boring	36.01935	-78.91467	687912.83400	3988106.46000
824-SB-05-2	Soil Cover Boring	36.01927	-78.91468	687912.21400	3988096.77700
824-SB-05-3	Soil Cover Boring	36.01948	-78.91468	687912.05300	3988120.53900
824-SB-05-4	Soil Cover Boring	36.01936	-78.91456	687922.97800	3988107.32400
824-SB-06-1	Soil Cover Boring	36.01937	-78.91436	687940.97200	3988109.00500
824-SB-06-2	Soil Cover Boring	36.01949	-78.91436	687940.86600	3988122.11300
824-SB-06-3	Soil Cover Boring	36.01936	-78.91450	687928.38400	3988107.43500
824-SB-06-4	Soil Cover Boring	36.01936	-78.91422	687953.60900	3988108.11800
824-SB-06-5	Soil Cover Boring	36.01927	-78.91436	687941.37400	3988097.37700
824-SB-07-1	Soil Cover Boring	36.01937	-78.91416	687958.99200	3988109.37500
824-SB-07-2	Soil Cover Boring	36.01948	-78.91408	687966.11100	3988121.81300
824-SB-07-3	Soil Cover Boring	36.01927	-78.91415	687960.20300	3988098.25500
824-SB-08-1	Soil Cover Boring	36.01927	-78.91381	687990.66400	3988099.37300
824-SB-09-1	Soil Cover Boring	36.01909	-78.91466	687914.40700	3988077.81100
824-SB-09-2	Soil Cover Boring	36.01922	-78.91466	687913.63200	3988091.56200
824-SB-09-3	Soil Cover Boring	36.01899	-78.91466	687914.30800	3988066.66400
824-SB-09-4	Soil Cover Boring	36.01909	-78.91456	687923.74500	3988078.00300
824-SB-10-1	Soil Cover Boring	36.01910	-78.91436	687941.74100	3988079.52000
824-SB-10-2	Soil Cover Boring	36.01922	-78.91436	687941.48500	3988091.97100
824-SB-10-3	Soil Cover Boring	36.01910	-78.91450	687928.81600	3988078.43600
824-SB-10-4	Soil Cover Boring	36.01899	-78.91436	687941.66600	3988067.22700
824-SB-10-5	Soil Cover Boring	36.01910	-78.91422	687954.03500	3988079.44500
824-SB-11-1	Soil Cover Boring	36.01910	-78.91389	687983.37200	3988079.39200
824-SB-11-2	Soil Cover Boring	36.01921	-78.91416	687959.52300	3988091.52200
824-SB-11-3	Soil Cover Boring	36.01920	-78.91387	687985.25300	3988091.55900
824-SB-11-4	Soil Cover Boring	36.01899	-78.91393	687980.00800	3988067.68700

APPENDIX I
Coordinates of Selected Features
Walltown Park, NONCD0000824
Durham, Durham County, North Carolina
S&ME Project No.: 23050230, Task Order 824DP-2

Site Feature	Type	Location			
		Latitude	Longitude	Northing	Easting
824-SB-12-1	Soil Cover Boring	36.01911	-78.91370	688000.38600	3988080.89000
824-SB-12-2	Soil Cover Boring	36.01899	-78.91380	687992.13000	3988067.93600
824-SB-12-3	Soil Cover Boring	36.01922	-78.91374	687997.34900	3988093.11900
824-SB-12-4	Soil Cover Boring	36.01905	-78.91354	688015.09100	3988075.12800
824-SB-13-1	Soil Cover Boring	36.01882	-78.91466	687914.91700	3988047.49200
824-SB-13-2	Soil Cover Boring	36.01894	-78.91464	687916.43000	3988061.09500
824-SB-13-3	Soil Cover Boring	36.01872	-78.91470	687911.82100	3988036.16000
824-SB-13-4	Soil Cover Boring	36.01883	-78.91456	687923.86600	3988048.18700
824-SB-14-1	Soil Cover Boring	36.01883	-78.91436	687942.02400	3988049.32900
824-SB-14-2	Soil Cover Boring	36.01893	-78.91446	687933.11100	3988059.38900
824-SB-14-3	Soil Cover Boring	36.01892	-78.91424	687952.32400	3988059.01500
824-SB-14-4	Soil Cover Boring	36.01873	-78.91448	687931.76600	3988037.59500
824-SB-14-5	Soil Cover Boring	36.01874	-78.91428	687949.66800	3988038.73100
824-SB-15-1	Soil Cover Boring	36.01883	-78.91395	687979.15000	3988049.58000
824-SB-15-2	Soil Cover Boring	36.01893	-78.91391	687982.23600	3988061.42300
824-SB-15-3	Soil Cover Boring	36.01872	-78.91404	687970.94000	3988037.88800
824-SB-15-4	Soil Cover Boring	36.01873	-78.91388	687985.26900	3988038.43800
824-SB-16-1	Soil Cover Boring	36.01875	-78.91376	687995.95700	3988041.73000
824-SB-16-2	Soil Cover Boring	36.01894	-78.91382	687990.66700	3988062.36400
824-SB-16-3	Soil Cover Boring	36.01875	-78.91364	688006.70800	3988041.95100
824-SB-17-1	Soil Cover Boring	36.01888	-78.91346	688022.53800	3988056.69700
824-SB-18-1	Soil Cover Boring	36.01856	-78.91470	687911.92800	3988018.49300
824-SB-18-2	Soil Cover Boring	36.01867	-78.91468	687913.47200	3988030.56100
824-SB-18-3	Soil Cover Boring	36.01856	-78.91457	687923.71300	3988018.22300
824-SB-18-4	Soil Cover Boring	36.01845	-78.91468	687913.72100	3988005.98200
824-SB-19-1	Soil Cover Boring	36.01855	-78.91437	687941.64700	3988017.82300
824-SB-19-2	Soil Cover Boring	36.01857	-78.91450	687930.33700	3988019.89500
824-SB-19-3	Soil Cover Boring	36.01867	-78.91435	687943.16500	3988031.17100
824-SB-19-4	Soil Cover Boring	36.01846	-78.91447	687932.64200	3988007.39500
824-SB-20-1	Soil Cover Boring	36.01857	-78.91402	687972.82800	3988020.76800
824-SB-20-2	Soil Cover Boring	36.01845	-78.91413	687963.63600	3988007.00800
824-SB-20-3	Soil Cover Boring	36.01845	-78.91398	687977.19800	3988007.54200
824-SB-20-4	Soil Cover Boring	36.01866	-78.91410	687965.45600	3988030.60400
824-SB-20-5	Soil Cover Boring	36.01867	-78.91391	687983.10200	3988031.73500
824-SB-21-1	Soil Cover Boring	36.01845	-78.91372	688000.75200	3988007.77000
824-SB-21-2	Soil Cover Boring	36.01861	-78.91360	688011.13500	3988025.91000
824-SB-22-1	Soil Cover Boring	36.01838	-78.91468	687913.91700	3987997.98600
824-SB-22-2	Soil Cover Boring	36.01837	-78.91455	687925.88900	3987997.57600

APPENDIX I
Coordinates of Selected Features
Walltown Park, NONCD0000824
Durham, Durham County, North Carolina
S&ME Project No.: 23050230, Task Order 824DP-2

Site Feature	Type	Location			
		Latitude	Longitude	Northing	Easting
824-SB-23-1	Soil Cover Boring	36.01830	-78.91433	687945.86300	3987990.61100
824-SB-23-2	Soil Cover Boring	36.01837	-78.91449	687930.96800	3987997.68100
824-SB-23-3	Soil Cover Boring	36.01819	-78.91444	687936.44700	3987978.29000
824-SB-23-4	Soil Cover Boring	36.01816	-78.91422	687956.01600	3987975.08700
824-SB-24-1	Soil Cover Boring	36.01827	-78.91416	687961.01600	3987986.99000
824-SB-24-2	Soil Cover Boring	36.01839	-78.91415	687961.55500	3988000.60300
824-SB-24-3	Soil Cover Boring	36.01840	-78.91400	687975.46000	3988001.87300
824-SB-24-4	Soil Cover Boring	36.01817	-78.91415	687962.21700	3987976.36100
824-SB-24-5	Soil Cover Boring	36.01817	-78.91404	687972.21400	3987976.40300
824-SB-25-1	Soil Cover Boring	36.01827	-78.91375	687998.03900	3987987.75100
824-SB-25-2	Soil Cover Boring	36.01817	-78.91378	687996.13200	3987976.89400
824-SB-25-3	Soil Cover Boring	36.01836	-78.91371	688001.92000	3987998.31900
824-SB-26-1	Soil Cover Boring	36.01807	-78.91457	687924.94400	3987963.79600
824-SB-26-2	Soil Cover Boring	36.01808	-78.91473	687910.83200	3987964.65200
824-SB-26-3	Soil Cover Boring	36.01789	-78.91475	687909.46100	3987943.64600
824-SB-26-4	Soil Cover Boring	36.01789	-78.91458	687924.68300	3987944.61500
824-SB-27-1	Soil Cover Boring	36.01800	-78.91426	687952.93900	3987957.32300
824-SB-27-2	Soil Cover Boring	36.01789	-78.91431	687948.60100	3987945.10600
824-SB-27-3	Soil Cover Boring	36.01809	-78.91424	687954.87300	3987966.86800
824-SB-27-4	Soil Cover Boring	36.01806	-78.91450	687931.34100	3987963.59900
824-SB-28-1	Soil Cover Boring	36.01805	-78.91393	687982.81700	3987962.85400
824-SB-28-2	Soil Cover Boring	36.01793	-78.91417	687961.44900	3987949.95900
824-SB-28-3	Soil Cover Boring	36.01811	-78.91416	687962.03800	3987969.14600
824-SB-29-1	Soil Cover Boring	36.01802	-78.91372	688001.39400	3987960.12200
824-SB-29-2	Soil Cover Boring	36.01812	-78.91371	688002.14700	3987971.28200
824-SB-29-3	Soil Cover Boring	36.01791	-78.91375	687999.50000	3987948.61100
824-SB-30-1	Soil Cover Boring	36.01772	-78.91466	687917.37100	3987925.61700
824-SB-30-2	Soil Cover Boring	36.01762	-78.91475	687909.42500	3987913.49000
824-SB-30-3	Soil Cover Boring	36.01761	-78.91462	687921.87900	3987913.58100
824-SB-30-4	Soil Cover Boring	36.01785	-78.91472	687912.15900	3987939.93200
824-SB-30-5	Soil Cover Boring	36.01785	-78.91459	687923.62700	3987940.16800
824-SB-31-1	Soil Cover Boring	36.01773	-78.91438	687942.74300	3987927.12100
824-SB-31-2	Soil Cover Boring	36.01761	-78.91449	687933.02600	3987913.48200
824-SB-31-3	Soil Cover Boring	36.01784	-78.91438	687942.15900	3987939.56500
824-SB-31-4	Soil Cover Boring	36.01785	-78.91422	687957.38500	3987940.37000
824-SB-32-1	Soil Cover Boring	36.01765	-78.91376	687998.46800	3987919.08900
824-SB-32-2	Soil Cover Boring	36.01782	-78.91371	688002.66700	3987938.02300
824-SB-33-1	Soil Cover Boring	36.01745	-78.91468	687916.02800	3987895.26900

APPENDIX I
Coordinates of Selected Features
Walltown Park, NONCD0000824
Durham, Durham County, North Carolina
S&ME Project No.: 23050230, Task Order 824DP-2

Site Feature	Type	Location			
		Latitude	Longitude	Northing	Easting
824-SB-33-2	Soil Cover Boring	36.01758	-78.91477	687908.36600	3987909.20600
824-SB-33-3	Soil Cover Boring	36.01758	-78.91462	687921.14000	3987909.63300
824-SB-33-4	Soil Cover Boring	36.01734	-78.91483	687903.49800	3987882.88400
824-SB-34-1	Soil Cover Boring	36.01757	-78.91436	687944.74100	3987909.62600
824-SB-34-2	Soil Cover Boring	36.01758	-78.91449	687933.43500	3987909.55700
824-SB-34-3	Soil Cover Boring	36.01757	-78.91426	687954.07600	3987909.98200
824-SB-34-4	Soil Cover Boring	36.01743	-78.91448	687934.59000	3987893.19300
824-SB-35-1	Soil Cover Boring	36.01735	-78.91396	687981.13000	3987885.46200
824-SB-35-2	Soil Cover Boring	36.01744	-78.91405	687973.06800	3987894.96700
824-SB-35-3	Soil Cover Boring	36.01743	-78.91387	687989.80200	3987894.16300
824-SB-36-1	Soil Cover Boring	36.01748	-78.91377	687998.03600	3987900.23200
824-SB-36-2	Soil Cover Boring	36.01757	-78.91376	687998.63600	3987910.89700
824-SB-36-3	Soil Cover Boring	36.01735	-78.91377	687998.82600	3987885.66300
824-SB-37-1	Soil Cover Boring	36.01712	-78.91457	687926.93500	3987858.94500
824-SB-37-2	Soil Cover Boring	36.01726	-78.91457	687926.78900	3987874.02100
824-SB-37-3	Soil Cover Boring	36.01711	-78.91480	687906.81600	3987857.05700
824-SB-38-1	Soil Cover Boring	36.01722	-78.91421	687959.14600	3987870.58800
824-SB-38-2	Soil Cover Boring	36.01710	-78.91420	687960.40200	3987857.33900
824-SB-39-1	Soil Cover Boring	36.01719	-78.91400	687978.54500	3987867.70900
824-SB-39-2	Soil Cover Boring	36.01711	-78.91391	687986.76400	3987858.53600
824-SB-39-3	Soil Cover Boring	36.01711	-78.91412	687967.74700	3987858.80100
824-SB-39-4	Soil Cover Boring	36.01724	-78.91413	687966.64500	3987872.54500
824-SB-39-5	Soil Cover Boring	36.01730	-78.91401	687977.46300	3987880.47000
824-SB-40-1	Soil Cover Boring	36.01717	-78.91377	687998.89600	3987866.32400
824-SB-40-2	Soil Cover Boring	36.01707	-78.91382	687994.71600	3987854.43800
824-SB-40-3	Soil Cover Boring	36.01730	-78.91379	687996.80100	3987880.54000

Notes:
Site feature locations are reported in decimal degrees for Lattitude/Longitude and in feet in the North Carolina State Plane Coordinate System (NAD83).

Appendix II – Field Notes / Boring Logs

BORING LOG

Project Name: Walltown Park
Job No. 23050630

Boring Number: 824-SB-01
Sampling Personnel: Chelsea Parra
Date Drilled: 12/13/2023
Depth to Groundwater: n/a
Total Depth: 12 inches
Drilling method: Hand Auger

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	light brown clayey sand, dry	0.0	824-SB-01	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: 824-SB-02
Sampling Personnel: Chelsea Parra
Date Drilled: 12/13/2023
Depth to Groundwater: n/a
Total Depth: 12 inches
Drilling method: Hand Auger

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	light brown clayey sand, dry	0.0	824-SB-02	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: 824-SB-03
Sampling Personnel: Chelsea Parra
Date Drilled: 12/13/2023
Depth to Groundwater: n/a
Total Depth: 12 inches
Drilling method: Hand Auger

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	light brown clayey sand, dry	0.0	824-SB-03	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

BORING LOG

Project Name: Walltown Park
Job No. 23050630

Boring Number: 824-SB-04
Sampling Personnel: Chelsea Parra
Date Drilled: 12/13/2023
Depth to Groundwater: n/a
Total Depth: 12 inches
Drilling method: Hand Auger

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	orange-brown clayey sand, moist	0.0	824-SB-04	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: 824-SB-05
Sampling Personnel: Chelsea Parra
Date Drilled: 12/13/2023
Depth to Groundwater: n/a
Total Depth: 12 inches
Drilling method: Hand Auger

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	orange-brown sandy clay, moist	0.0	824-SB-05	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: 824-SB-06
Sampling Personnel: Chelsea Parra
Date Drilled: 12/13/2023
Depth to Groundwater: n/a
Total Depth: 12 inches
Drilling method: Hand Auger

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	orange-brown sandy clay, moist	0.0	824-SB-06	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

BORING LOG

Project Name: Walltown Park
Job No. 23050630

Boring Number: 824-SB-07
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/13/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	brown clayey sand, dry	0.0	824-SB-07	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: 824-SB-08
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/13/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	brown clayey sand, dry	0.0	824-SB-08	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: 824-SB-09
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/13/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	light brown clayey sand, moist, brick waste at 3-in	0.0	824-SB-09	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

BORING LOG

Project Name: Walltown Park
Job No. 23050630

Boring Number: 824-SB-10
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/13/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	light brown clayey sand, moist, glass waste at 3-in	0.0	824-SB-10	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: 824-SB-11
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/13/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	dark brown topsoil, dry	0.0	824-SB-11	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: 824-SB-12
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/13/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	dark brown topsoil, dry, brick and plastic waste at 3-in	0.0	824-SB-12	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

BORING LOG

Project Name: Walltown Park
Job No. 23050630

Boring Number: 824-SB-13
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/13/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	light brown clayey sand, dry	0.0	824-SB-13	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: 824-SB-14
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/13/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	light brown clayey sand, dry	0.0	824-SB-14	0 - 12
		Boring terminated at 12 in. bgs.		DUP-SB collected here	

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: 824-SB-15
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/13/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	brown clayey sand, dry, glass, brick, and plastic waste at 3-in	0.0	824-SB-15	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

BORING LOG

Project Name: Walltown Park
Job No. 23050630

Boring Number: 824-SB-16
Sampling Personnel: Chelsea Parra
Date Drilled: 12/13/2023
Depth to Groundwater: n/a
Total Depth: 12 inches
Drilling method: Hand Auger

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	brown topsoil, moist	0.0	824-SB-16	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: 824-SB-17
Sampling Personnel: Chelsea Parra
Date Drilled: 12/13/2023
Depth to Groundwater: n/a
Total Depth: 12 inches
Drilling method: Hand Auger

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	brown topsoil, moist	0.0	824-SB-17	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: 824-SB-18
Sampling Personnel: Chelsea Parra
Date Drilled: 12/13/2023
Depth to Groundwater: n/a
Total Depth: 12 inches
Drilling method: Hand Auger

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	light brown clayey sand, dry, glass waste at 3-in	0.0	824-SB-18	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

BORING LOG

Project Name: Walltown Park
Job No. 23050630

Boring Number: 824-SB-19
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/13/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	light brown clayey sand, dry, glass, brick and cloth waste at 3-in	0.0	824-SB-19	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: 824-SB-20
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/13/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	brown topsoil, dry, glass waste at 3-in	0.0	824-SB-20	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: 824-SB-21
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/14/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	brown topsoil with gravel, dry	0.0	824-SB-21	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

BORING LOG

Project Name: Walltown Park
Job No. 23050630

Boring Number: 824-SB-22
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/14/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	brown clayey sand, dry, glass waste at 3-in	0.0	824-SB-22	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: 824-SB-23
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/14/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	dark brown clayey sand, dry, glass waste at 3-in	0.0	824-SB-23	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: 824-SB-24
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/14/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	dark brown clayey sand, dry, glass, brick, and plastic waste at 3-in	0.0	824-SB-24	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

BORING LOG

Project Name: Walltown Park
Job No. 23050630

Boring Number: 824-SB-25
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/14/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	brown topsoil with gravel, dry	0.0	824-SB-25	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: 824-SB-26
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/14/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	brown clayey sand, dry, glass waste at 3-in	0.0	824-SB-26	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: 824-SB-27
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/14/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	brown clayey sand, dry, glass waste at 3-in	0.0	824-SB-27	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

BORING LOG

Project Name: Walltown Park
Job No. 23050630

Boring Number: 824-SB-28
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/14/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	dark brown clayey sand, dry	0.0	824-SB-27	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: 824-SB-29
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/14/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	brown clayey sand, dry, glass waste at 3-in	0.0	824-SB-29	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: 824-SB-30
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/15/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	brown clayey sand, dry, glass and porcelain waste at 3-in	0.0	824-SB-30	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

BORING LOG

Project Name: Walltown Park
Job No. 23050630

Boring Number: 824-SB-31
Sampling Personnel: Chelsea Parra
Date Drilled: 12/15/2023
Depth to Groundwater: n/a
Total Depth: 12 inches
Drilling method: Hand Auger

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	brown clayey sand, dry, glass and porcelain waste at 3-in	0.0	824-SB-31	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: 824-SB-32
Sampling Personnel: Chelsea Parra
Date Drilled: 12/15/2023
Depth to Groundwater: n/a
Total Depth: 12 inches
Drilling method: Hand Auger

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	dark brown topsoil, dry	0.0	824-SB-32	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: 824-SB-33
Sampling Personnel: Chelsea Parra
Date Drilled: 12/15/2023
Depth to Groundwater: n/a
Total Depth: 12 inches
Drilling method: Hand Auger

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	dark brown clayey sand, dry, glass and porcelain waste at 3-in	0.0	824-SB-33	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

BORING LOG

Project Name: Walltown Park
Job No. 23050630

Boring Number: 824-SB-34
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/15/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	light brown clayey sand, dry	0.0	824-SB-34	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: 824-SB-35
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/15/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	brown clayey sand, dry	0.0	824-SB-35	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: 824-SB-36
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/15/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	brown clayey sand, dry	0.0	824-SB-36	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

BORING LOG

Project Name: Walltown Park
Job No. 23050630

Boring Number: 824-SB-37
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/15/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	brown clayey sand, dry, glass waste at 3-in	0.0	824-SB-37	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: 824-SB-38
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/15/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	light brown clayey sand, dry	0.0	824-SB-38	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Boring Number: 824-SB-39
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/15/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	light brown clayey sand, dry	0.0	824-SB-39	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:
1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

BORING LOG

Project Name: Walltown Park
Job No. 23050630

Boring Number: 824-SB-40
Drilling method: Hand Auger
Sampling Personnel: Chelsea Parra
Date Drilled: 12/15/2023
Depth to Groundwater: n/a
Total Depth: 12 inches

STRATIFICATION

Depth (Inches)			PID Reading (ppm)	Sample No. and Depth	
From	To	Soil Description		Sample No.	Depth (in-BGS)
0	12	light brown clayey sand, dry	0.0	824-SB-40	0 - 12
		Boring terminated at 12 in. bgs.			

Notes:

1. in-BGS: Inches Below Ground Surface
2. PID: Photo-Ionization Detector
3. PPM: parts per million (volume/volume)

Appendix III- Laboratory Reports and Chains of Custody

ANALYTICAL REPORT

December 22, 2023

S&ME Inc. - Raleigh NC

Sample Delivery Group:	L1688014
Samples Received:	12/14/2023
Project Number:	
Description:	Walltown Park

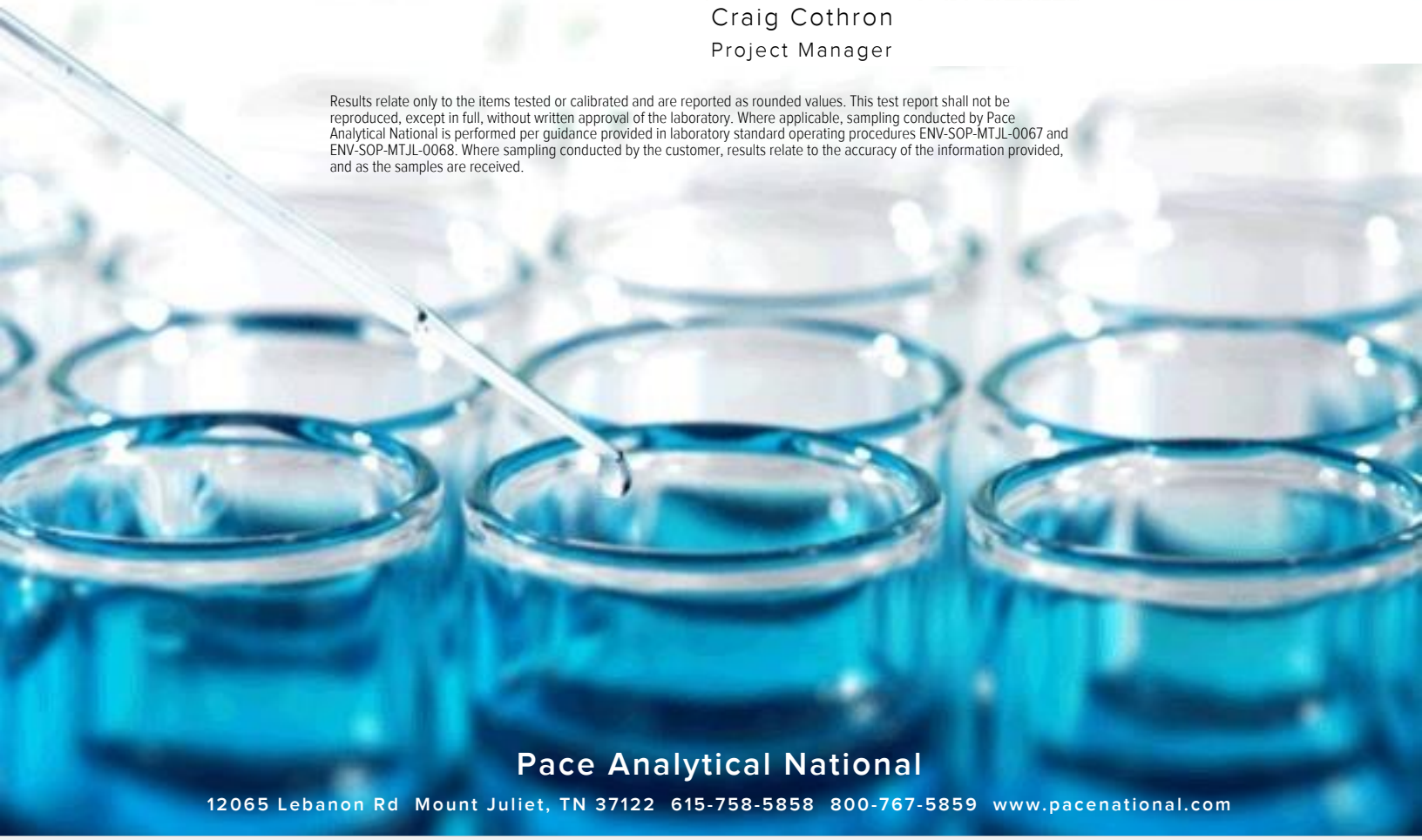
Report To:

Mr. Jerry Paul
3201 Spring Forest Road
Raleigh, NC 27616

Entire Report Reviewed By:

Craig Cothron
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SAMPLE SUMMARY

824-SB-01 L1688014-01 Solid

Collected by: Chelsea Parra | Collected date/time: 12/13/23 09:30 | Received date/time: 12/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2189959	1	12/21/23 17:47	12/21/23 18:05	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2190440	5	12/17/23 07:29	12/17/23 21:41	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2191727	1.03	12/13/23 09:30	12/18/23 23:09	JAH	Mt. Juliet, TN

824-SB-02 L1688014-02 Solid

Collected by: Chelsea Parra | Collected date/time: 12/13/23 09:55 | Received date/time: 12/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2189959	1	12/21/23 17:47	12/21/23 18:05	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2190440	5	12/17/23 07:29	12/17/23 21:44	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2191727	1.15	12/13/23 09:55	12/18/23 23:29	JAH	Mt. Juliet, TN

824-SB-03 L1688014-03 Solid

Collected by: Chelsea Parra | Collected date/time: 12/13/23 10:05 | Received date/time: 12/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2189959	1	12/21/23 17:47	12/21/23 18:05	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2190440	5	12/17/23 07:29	12/17/23 21:48	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2191727	1.01	12/13/23 10:05	12/18/23 23:48	JAH	Mt. Juliet, TN

824-SB-04 L1688014-04 Solid

Collected by: Chelsea Parra | Collected date/time: 12/13/23 10:40 | Received date/time: 12/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2189962	1	12/15/23 10:31	12/15/23 10:46	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2190440	5	12/17/23 07:29	12/17/23 21:24	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2191727	1.06	12/13/23 10:40	12/19/23 00:07	JAH	Mt. Juliet, TN

824-SB-05 L1688014-05 Solid

Collected by: Chelsea Parra | Collected date/time: 12/13/23 10:45 | Received date/time: 12/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2189962	1	12/15/23 10:31	12/15/23 10:46	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2190440	5	12/17/23 07:29	12/17/23 21:59	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2191727	1.03	12/13/23 10:45	12/19/23 00:27	JAH	Mt. Juliet, TN

824-SB-06 L1688014-06 Solid

Collected by: Chelsea Parra | Collected date/time: 12/13/23 10:50 | Received date/time: 12/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2189962	1	12/15/23 10:31	12/15/23 10:46	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2190440	5	12/17/23 07:29	12/17/23 22:02	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2191727	1.14	12/13/23 10:50	12/19/23 00:46	JAH	Mt. Juliet, TN

824-SB-07 L1688014-07 Solid

Collected by: Chelsea Parra | Collected date/time: 12/13/23 11:15 | Received date/time: 12/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2189962	1	12/15/23 10:31	12/15/23 10:46	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2190440	5	12/17/23 07:29	12/17/23 22:05	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2191727	1	12/13/23 11:15	12/19/23 01:05	JAH	Mt. Juliet, TN

824-SB-08 L1688014-08 Solid

Collected by: Chelsea Parra | Collected date/time: 12/13/23 11:20 | Received date/time: 12/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2189962	1	12/15/23 10:31	12/15/23 10:46	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2190440	5	12/17/23 07:29	12/17/23 22:09	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2191727	1.05	12/13/23 11:20	12/19/23 01:24	JAH	Mt. Juliet, TN

DUP-SB L1688014-09 Solid

Collected by: Chelsea Parra | Collected date/time: 12/13/23 00:00 | Received date/time: 12/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2189962	1	12/15/23 10:31	12/15/23 10:46	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2190440	5	12/17/23 07:29	12/17/23 22:12	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2192086	1	12/13/23 00:00	12/21/23 01:13	DWR	Mt. Juliet, TN

TRIP BLANK L1688014-10 GW

Collected by: Chelsea Parra | Collected date/time: 12/13/23 00:00 | Received date/time: 12/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2191776	1	12/19/23 03:33	12/19/23 03:33	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2193189	1	12/21/23 15:45	12/21/23 15:45	ACG	Mt. Juliet, TN

824-SB-09 L1688014-11 Solid

Collected by: Chelsea Parra | Collected date/time: 12/13/23 11:40 | Received date/time: 12/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2189962	1	12/15/23 10:31	12/15/23 10:46	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2190440	5	12/17/23 07:29	12/17/23 22:15	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2191727	1	12/13/23 11:40	12/19/23 01:43	JAH	Mt. Juliet, TN

824-SB-10 L1688014-12 Solid

Collected by: Chelsea Parra | Collected date/time: 12/13/23 11:45 | Received date/time: 12/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2189962	1	12/15/23 10:31	12/15/23 10:46	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2190440	5	12/17/23 07:29	12/17/23 22:19	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2191727	1.07	12/13/23 11:45	12/19/23 02:03	JAH	Mt. Juliet, TN

824-SB-11 L1688014-13 Solid

Collected by: Chelsea Parra | Collected date/time: 12/13/23 13:45 | Received date/time: 12/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2189962	1	12/15/23 10:31	12/15/23 10:46	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2190440	5	12/17/23 07:29	12/17/23 22:22	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2191727	1	12/13/23 13:45	12/19/23 02:22	JAH	Mt. Juliet, TN

824-SB-12 L1688014-14 Solid

Collected by: Chelsea Parra | Collected date/time: 12/13/23 13:50 | Received date/time: 12/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2189962	1	12/15/23 10:31	12/15/23 10:46	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2190440	5	12/17/23 07:29	12/17/23 22:25	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2191727	1.2	12/13/23 13:50	12/19/23 02:41	JAH	Mt. Juliet, TN

824-SB-13 L1688014-15 Solid

Collected by: Chelsea Parra | Collected date/time: 12/13/23 14:55 | Received date/time: 12/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2189964	1	12/15/23 10:12	12/15/23 10:29	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2190440	5	12/17/23 07:29	12/17/23 22:29	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2191727	1.03	12/13/23 14:55	12/19/23 03:00	JAH	Mt. Juliet, TN

824-SB-14 L1688014-16 Solid

Collected by: Chelsea Parra | Collected date/time: 12/13/23 15:25 | Received date/time: 12/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2189964	1	12/15/23 10:12	12/15/23 10:29	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2190440	5	12/17/23 07:29	12/17/23 22:41	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2191727	1	12/13/23 15:25	12/19/23 03:19	JAH	Mt. Juliet, TN

824-SB-15 L1688014-17 Solid

Collected by: Chelsea Parra | Collected date/time: 12/13/23 14:20 | Received date/time: 12/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2189964	1	12/15/23 10:12	12/15/23 10:29	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2190440	5	12/17/23 07:29	12/17/23 22:44	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2191727	1	12/13/23 14:20	12/19/23 03:38	JAH	Mt. Juliet, TN

824-SB-16 L1688014-18 Solid

Collected by: Chelsea Parra | Collected date/time: 12/13/23 14:05 | Received date/time: 12/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2189964	1	12/15/23 10:12	12/15/23 10:29	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2190440	5	12/17/23 07:29	12/17/23 22:47	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2192086	1.11	12/13/23 14:05	12/21/23 01:32	DWR	Mt. Juliet, TN

824-SB-17 L1688014-19 Solid

Collected by: Chelsea Parra | Collected date/time: 12/13/23 14:10 | Received date/time: 12/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2189964	1	12/15/23 10:12	12/15/23 10:29	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2190440	5	12/17/23 07:29	12/17/23 22:51	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2192086	1.1	12/13/23 14:10	12/21/23 01:51	DWR	Mt. Juliet, TN

SAMPLE SUMMARY

824-SB-18 L1688014-20 Solid

Collected by: Chelsea Parra | Collected date/time: 12/13/23 15:00 | Received date/time: 12/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2189964	1	12/15/23 10:12	12/15/23 10:29	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2190440	5	12/17/23 07:29	12/17/23 22:54	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2192086	1	12/13/23 15:00	12/21/23 02:10	DWR	Mt. Juliet, TN

824-SB-19 L1688014-21 Solid

Collected by: Chelsea Parra | Collected date/time: 12/13/23 15:30 | Received date/time: 12/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2189964	1	12/15/23 10:12	12/15/23 10:29	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2190440	5	12/17/23 07:29	12/17/23 22:57	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2192086	1.07	12/13/23 15:30	12/21/23 02:29	DWR	Mt. Juliet, TN

824-SB-20 L1688014-22 Solid

Collected by: Chelsea Parra | Collected date/time: 12/13/23 14:35 | Received date/time: 12/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2189964	1	12/15/23 10:12	12/15/23 10:29	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2190435	5	12/17/23 07:27	12/18/23 21:26	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2192086	1.3	12/13/23 14:35	12/21/23 02:48	DWR	Mt. Juliet, TN

TRIP BLANK L1688014-23 GW

Collected by: Chelsea Parra | Collected date/time: 12/13/23 00:00 | Received date/time: 12/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2191776	1	12/19/23 03:53	12/19/23 03:53	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2193189	1	12/21/23 16:04	12/21/23 16:04	ACG	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Craig Cothron
Project Manager

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	88.2		1	12/21/2023 18:05	WG2189959

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	34.6		2.27	5	12/17/2023 21:41	WG2190440

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0651	1.03	12/18/2023 23:09	WG2191727
Acrylonitrile	ND		0.0163	1.03	12/18/2023 23:09	WG2191727
Benzene	ND		0.00130	1.03	12/18/2023 23:09	WG2191727
Bromobenzene	ND		0.0163	1.03	12/18/2023 23:09	WG2191727
Bromodichloromethane	ND		0.00326	1.03	12/18/2023 23:09	WG2191727
Bromoform	ND		0.0326	1.03	12/18/2023 23:09	WG2191727
Bromomethane	ND		0.0163	1.03	12/18/2023 23:09	WG2191727
n-Butylbenzene	ND	C3	0.0163	1.03	12/18/2023 23:09	WG2191727
sec-Butylbenzene	ND		0.0163	1.03	12/18/2023 23:09	WG2191727
tert-Butylbenzene	ND		0.00651	1.03	12/18/2023 23:09	WG2191727
Carbon tetrachloride	ND		0.00651	1.03	12/18/2023 23:09	WG2191727
Chlorobenzene	ND		0.00326	1.03	12/18/2023 23:09	WG2191727
Chlorodibromomethane	ND		0.00326	1.03	12/18/2023 23:09	WG2191727
Chloroethane	ND		0.00651	1.03	12/18/2023 23:09	WG2191727
Chloroform	ND		0.00326	1.03	12/18/2023 23:09	WG2191727
Chloromethane	ND		0.0163	1.03	12/18/2023 23:09	WG2191727
2-Chlorotoluene	ND		0.00326	1.03	12/18/2023 23:09	WG2191727
4-Chlorotoluene	ND		0.00651	1.03	12/18/2023 23:09	WG2191727
1,2-Dibromo-3-Chloropropane	ND		0.0326	1.03	12/18/2023 23:09	WG2191727
1,2-Dibromoethane	ND		0.00326	1.03	12/18/2023 23:09	WG2191727
Dibromomethane	ND		0.00651	1.03	12/18/2023 23:09	WG2191727
1,2-Dichlorobenzene	ND		0.00651	1.03	12/18/2023 23:09	WG2191727
1,3-Dichlorobenzene	ND		0.00651	1.03	12/18/2023 23:09	WG2191727
1,4-Dichlorobenzene	ND		0.00651	1.03	12/18/2023 23:09	WG2191727
Dichlorodifluoromethane	ND		0.00651	1.03	12/18/2023 23:09	WG2191727
1,1-Dichloroethane	ND		0.00326	1.03	12/18/2023 23:09	WG2191727
1,2-Dichloroethane	ND		0.00326	1.03	12/18/2023 23:09	WG2191727
1,1-Dichloroethene	ND		0.00326	1.03	12/18/2023 23:09	WG2191727
cis-1,2-Dichloroethene	ND		0.00326	1.03	12/18/2023 23:09	WG2191727
trans-1,2-Dichloroethene	ND		0.00651	1.03	12/18/2023 23:09	WG2191727
1,2-Dichloropropane	ND		0.00651	1.03	12/18/2023 23:09	WG2191727
1,1-Dichloropropene	ND		0.00326	1.03	12/18/2023 23:09	WG2191727
1,3-Dichloropropane	ND		0.00651	1.03	12/18/2023 23:09	WG2191727
cis-1,3-Dichloropropene	ND		0.00326	1.03	12/18/2023 23:09	WG2191727
trans-1,3-Dichloropropene	ND		0.00651	1.03	12/18/2023 23:09	WG2191727
2,2-Dichloropropane	ND		0.00326	1.03	12/18/2023 23:09	WG2191727
Di-isopropyl ether	ND	C3	0.00130	1.03	12/18/2023 23:09	WG2191727
Ethylbenzene	ND		0.00326	1.03	12/18/2023 23:09	WG2191727
Hexachloro-1,3-butadiene	ND		0.0326	1.03	12/18/2023 23:09	WG2191727
Isopropylbenzene	ND		0.00326	1.03	12/18/2023 23:09	WG2191727
p-Isopropyltoluene	ND		0.00651	1.03	12/18/2023 23:09	WG2191727
2-Butanone (MEK)	ND	J3	0.130	1.03	12/18/2023 23:09	WG2191727
Methylene Chloride	ND		0.0326	1.03	12/18/2023 23:09	WG2191727
4-Methyl-2-pentanone (MIBK)	ND		0.0326	1.03	12/18/2023 23:09	WG2191727
Methyl tert-butyl ether	ND		0.00130	1.03	12/18/2023 23:09	WG2191727

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND		0.0163	1.03	12/18/2023 23:09	WG2191727
n-Propylbenzene	ND		0.00651	1.03	12/18/2023 23:09	WG2191727
Styrene	ND		0.0163	1.03	12/18/2023 23:09	WG2191727
1,1,1,2-Tetrachloroethane	ND		0.00326	1.03	12/18/2023 23:09	WG2191727
1,1,2,2-Tetrachloroethane	ND		0.00326	1.03	12/18/2023 23:09	WG2191727
Tetrachloroethene	ND		0.00326	1.03	12/18/2023 23:09	WG2191727
Toluene	ND		0.00651	1.03	12/18/2023 23:09	WG2191727
1,2,3-Trichlorobenzene	ND	C3	0.0163	1.03	12/18/2023 23:09	WG2191727
1,2,4-Trichlorobenzene	ND	C3	0.0163	1.03	12/18/2023 23:09	WG2191727
1,1,1-Trichloroethane	ND		0.00326	1.03	12/18/2023 23:09	WG2191727
1,1,2-Trichloroethane	ND		0.00326	1.03	12/18/2023 23:09	WG2191727
Trichloroethene	ND		0.00130	1.03	12/18/2023 23:09	WG2191727
Trichlorofluoromethane	ND		0.00326	1.03	12/18/2023 23:09	WG2191727
1,2,3-Trichloropropane	ND		0.0163	1.03	12/18/2023 23:09	WG2191727
1,2,4-Trimethylbenzene	ND		0.00651	1.03	12/18/2023 23:09	WG2191727
1,3,5-Trimethylbenzene	ND		0.00651	1.03	12/18/2023 23:09	WG2191727
Vinyl chloride	ND		0.00326	1.03	12/18/2023 23:09	WG2191727
Xylenes, Total	ND		0.00847	1.03	12/18/2023 23:09	WG2191727
(S) Toluene-d8	*103*		*75.0-131*		*12/18/2023 23:09*	WG2191727
(S) 4-Bromofluorobenzene	*100*		*67.0-138*		*12/18/2023 23:09*	WG2191727
(S) 1,2-Dichloroethane-d4	*77.5*		*70.0-130*		*12/18/2023 23:09*	WG2191727

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.3		1	12/21/2023 18:05	WG2189959

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	76.0		2.32	5	12/17/2023 21:44	WG2190440

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0746	1.15	12/18/2023 23:29	WG2191727
Acrylonitrile	ND		0.0187	1.15	12/18/2023 23:29	WG2191727
Benzene	ND		0.00149	1.15	12/18/2023 23:29	WG2191727
Bromobenzene	ND		0.0187	1.15	12/18/2023 23:29	WG2191727
Bromodichloromethane	ND		0.00374	1.15	12/18/2023 23:29	WG2191727
Bromoform	ND		0.0374	1.15	12/18/2023 23:29	WG2191727
Bromomethane	ND		0.0187	1.15	12/18/2023 23:29	WG2191727
n-Butylbenzene	ND	C3	0.0187	1.15	12/18/2023 23:29	WG2191727
sec-Butylbenzene	ND		0.0187	1.15	12/18/2023 23:29	WG2191727
tert-Butylbenzene	ND		0.00746	1.15	12/18/2023 23:29	WG2191727
Carbon tetrachloride	ND		0.00746	1.15	12/18/2023 23:29	WG2191727
Chlorobenzene	ND		0.00374	1.15	12/18/2023 23:29	WG2191727
Chlorodibromomethane	ND		0.00374	1.15	12/18/2023 23:29	WG2191727
Chloroethane	ND		0.00746	1.15	12/18/2023 23:29	WG2191727
Chloroform	ND		0.00374	1.15	12/18/2023 23:29	WG2191727
Chloromethane	ND		0.0187	1.15	12/18/2023 23:29	WG2191727
2-Chlorotoluene	ND		0.00374	1.15	12/18/2023 23:29	WG2191727
4-Chlorotoluene	ND		0.00746	1.15	12/18/2023 23:29	WG2191727
1,2-Dibromo-3-Chloropropane	ND		0.0374	1.15	12/18/2023 23:29	WG2191727
1,2-Dibromoethane	ND		0.00374	1.15	12/18/2023 23:29	WG2191727
Dibromomethane	ND		0.00746	1.15	12/18/2023 23:29	WG2191727
1,2-Dichlorobenzene	ND		0.00746	1.15	12/18/2023 23:29	WG2191727
1,3-Dichlorobenzene	ND		0.00746	1.15	12/18/2023 23:29	WG2191727
1,4-Dichlorobenzene	ND		0.00746	1.15	12/18/2023 23:29	WG2191727
Dichlorodifluoromethane	ND		0.00746	1.15	12/18/2023 23:29	WG2191727
1,1-Dichloroethane	ND		0.00374	1.15	12/18/2023 23:29	WG2191727
1,2-Dichloroethane	ND		0.00374	1.15	12/18/2023 23:29	WG2191727
1,1-Dichloroethene	ND		0.00374	1.15	12/18/2023 23:29	WG2191727
cis-1,2-Dichloroethene	ND		0.00374	1.15	12/18/2023 23:29	WG2191727
trans-1,2-Dichloroethene	ND		0.00746	1.15	12/18/2023 23:29	WG2191727
1,2-Dichloropropane	ND		0.00746	1.15	12/18/2023 23:29	WG2191727
1,1-Dichloropropene	ND		0.00374	1.15	12/18/2023 23:29	WG2191727
1,3-Dichloropropane	ND		0.00746	1.15	12/18/2023 23:29	WG2191727
cis-1,3-Dichloropropene	ND		0.00374	1.15	12/18/2023 23:29	WG2191727
trans-1,3-Dichloropropene	ND		0.00746	1.15	12/18/2023 23:29	WG2191727
2,2-Dichloropropane	ND		0.00374	1.15	12/18/2023 23:29	WG2191727
Di-isopropyl ether	ND	C3	0.00149	1.15	12/18/2023 23:29	WG2191727
Ethylbenzene	ND		0.00374	1.15	12/18/2023 23:29	WG2191727
Hexachloro-1,3-butadiene	ND		0.0374	1.15	12/18/2023 23:29	WG2191727
Isopropylbenzene	ND		0.00374	1.15	12/18/2023 23:29	WG2191727
p-Isopropyltoluene	ND		0.00746	1.15	12/18/2023 23:29	WG2191727
2-Butanone (MEK)	ND	J3	0.149	1.15	12/18/2023 23:29	WG2191727
Methylene Chloride	ND		0.0374	1.15	12/18/2023 23:29	WG2191727
4-Methyl-2-pentanone (MIBK)	ND		0.0374	1.15	12/18/2023 23:29	WG2191727
Methyl tert-butyl ether	ND		0.00149	1.15	12/18/2023 23:29	WG2191727

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND		0.0187	1.15	12/18/2023 23:29	WG2191727
n-Propylbenzene	ND		0.00746	1.15	12/18/2023 23:29	WG2191727
Styrene	ND		0.0187	1.15	12/18/2023 23:29	WG2191727
1,1,1,2-Tetrachloroethane	ND		0.00374	1.15	12/18/2023 23:29	WG2191727
1,1,2,2-Tetrachloroethane	ND		0.00374	1.15	12/18/2023 23:29	WG2191727
Tetrachloroethene	ND		0.00374	1.15	12/18/2023 23:29	WG2191727
Toluene	ND		0.00746	1.15	12/18/2023 23:29	WG2191727
1,2,3-Trichlorobenzene	ND	C3	0.0187	1.15	12/18/2023 23:29	WG2191727
1,2,4-Trichlorobenzene	ND	C3	0.0187	1.15	12/18/2023 23:29	WG2191727
1,1,1-Trichloroethane	ND		0.00374	1.15	12/18/2023 23:29	WG2191727
1,1,2-Trichloroethane	ND		0.00374	1.15	12/18/2023 23:29	WG2191727
Trichloroethene	ND		0.00149	1.15	12/18/2023 23:29	WG2191727
Trichlorofluoromethane	ND		0.00374	1.15	12/18/2023 23:29	WG2191727
1,2,3-Trichloropropane	ND		0.0187	1.15	12/18/2023 23:29	WG2191727
1,2,4-Trimethylbenzene	ND		0.00746	1.15	12/18/2023 23:29	WG2191727
1,3,5-Trimethylbenzene	ND		0.00746	1.15	12/18/2023 23:29	WG2191727
Vinyl chloride	ND		0.00374	1.15	12/18/2023 23:29	WG2191727
Xylenes, Total	ND		0.00971	1.15	12/18/2023 23:29	WG2191727
(S) Toluene-d8	*103*		*75.0-131*		*12/18/2023 23:29*	WG2191727
(S) 4-Bromofluorobenzene	*99.1*		*67.0-138*		*12/18/2023 23:29*	WG2191727
(S) 1,2-Dichloroethane-d4	*80.6*		*70.0-130*		*12/18/2023 23:29*	WG2191727

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.7		1	12/21/2023 18:05	WG2189959

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	68.0		2.36	5	12/17/2023 21:48	WG2190440

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0687	1.01	12/18/2023 23:48	WG2191727
Acrylonitrile	ND		0.0171	1.01	12/18/2023 23:48	WG2191727
Benzene	ND		0.00137	1.01	12/18/2023 23:48	WG2191727
Bromobenzene	ND		0.0171	1.01	12/18/2023 23:48	WG2191727
Bromodichloromethane	ND		0.00344	1.01	12/18/2023 23:48	WG2191727
Bromoform	ND		0.0344	1.01	12/18/2023 23:48	WG2191727
Bromomethane	ND		0.0171	1.01	12/18/2023 23:48	WG2191727
n-Butylbenzene	ND	C3	0.0171	1.01	12/18/2023 23:48	WG2191727
sec-Butylbenzene	ND		0.0171	1.01	12/18/2023 23:48	WG2191727
tert-Butylbenzene	ND		0.00687	1.01	12/18/2023 23:48	WG2191727
Carbon tetrachloride	ND		0.00687	1.01	12/18/2023 23:48	WG2191727
Chlorobenzene	ND		0.00344	1.01	12/18/2023 23:48	WG2191727
Chlorodibromomethane	ND		0.00344	1.01	12/18/2023 23:48	WG2191727
Chloroethane	ND		0.00687	1.01	12/18/2023 23:48	WG2191727
Chloroform	ND		0.00344	1.01	12/18/2023 23:48	WG2191727
Chloromethane	ND		0.0171	1.01	12/18/2023 23:48	WG2191727
2-Chlorotoluene	ND		0.00344	1.01	12/18/2023 23:48	WG2191727
4-Chlorotoluene	ND		0.00687	1.01	12/18/2023 23:48	WG2191727
1,2-Dibromo-3-Chloropropane	ND		0.0344	1.01	12/18/2023 23:48	WG2191727
1,2-Dibromoethane	ND		0.00344	1.01	12/18/2023 23:48	WG2191727
Dibromomethane	ND		0.00687	1.01	12/18/2023 23:48	WG2191727
1,2-Dichlorobenzene	ND		0.00687	1.01	12/18/2023 23:48	WG2191727
1,3-Dichlorobenzene	ND		0.00687	1.01	12/18/2023 23:48	WG2191727
1,4-Dichlorobenzene	ND		0.00687	1.01	12/18/2023 23:48	WG2191727
Dichlorodifluoromethane	ND		0.00687	1.01	12/18/2023 23:48	WG2191727
1,1-Dichloroethane	ND		0.00344	1.01	12/18/2023 23:48	WG2191727
1,2-Dichloroethane	ND		0.00344	1.01	12/18/2023 23:48	WG2191727
1,1-Dichloroethene	ND		0.00344	1.01	12/18/2023 23:48	WG2191727
cis-1,2-Dichloroethene	ND		0.00344	1.01	12/18/2023 23:48	WG2191727
trans-1,2-Dichloroethene	ND		0.00687	1.01	12/18/2023 23:48	WG2191727
1,2-Dichloropropane	ND		0.00687	1.01	12/18/2023 23:48	WG2191727
1,1-Dichloropropene	ND		0.00344	1.01	12/18/2023 23:48	WG2191727
1,3-Dichloropropane	ND		0.00687	1.01	12/18/2023 23:48	WG2191727
cis-1,3-Dichloropropene	ND		0.00344	1.01	12/18/2023 23:48	WG2191727
trans-1,3-Dichloropropene	ND		0.00687	1.01	12/18/2023 23:48	WG2191727
2,2-Dichloropropane	ND		0.00344	1.01	12/18/2023 23:48	WG2191727
Di-isopropyl ether	ND	C3	0.00137	1.01	12/18/2023 23:48	WG2191727
Ethylbenzene	ND		0.00344	1.01	12/18/2023 23:48	WG2191727
Hexachloro-1,3-butadiene	ND		0.0344	1.01	12/18/2023 23:48	WG2191727
Isopropylbenzene	ND		0.00344	1.01	12/18/2023 23:48	WG2191727
p-Isopropyltoluene	ND		0.00687	1.01	12/18/2023 23:48	WG2191727
2-Butanone (MEK)	ND	J3	0.137	1.01	12/18/2023 23:48	WG2191727
Methylene Chloride	ND		0.0344	1.01	12/18/2023 23:48	WG2191727
4-Methyl-2-pentanone (MIBK)	ND		0.0344	1.01	12/18/2023 23:48	WG2191727
Methyl tert-butyl ether	ND		0.00137	1.01	12/18/2023 23:48	WG2191727

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND		0.0171	1.01	12/18/2023 23:48	WG2191727
n-Propylbenzene	ND		0.00687	1.01	12/18/2023 23:48	WG2191727
Styrene	ND		0.0171	1.01	12/18/2023 23:48	WG2191727
1,1,1,2-Tetrachloroethane	ND		0.00344	1.01	12/18/2023 23:48	WG2191727
1,1,2,2-Tetrachloroethane	ND		0.00344	1.01	12/18/2023 23:48	WG2191727
Tetrachloroethene	ND		0.00344	1.01	12/18/2023 23:48	WG2191727
Toluene	ND		0.00687	1.01	12/18/2023 23:48	WG2191727
1,2,3-Trichlorobenzene	ND	C3	0.0171	1.01	12/18/2023 23:48	WG2191727
1,2,4-Trichlorobenzene	ND	C3	0.0171	1.01	12/18/2023 23:48	WG2191727
1,1,1-Trichloroethane	ND		0.00344	1.01	12/18/2023 23:48	WG2191727
1,1,2-Trichloroethane	ND		0.00344	1.01	12/18/2023 23:48	WG2191727
Trichloroethene	ND		0.00137	1.01	12/18/2023 23:48	WG2191727
Trichlorofluoromethane	ND		0.00344	1.01	12/18/2023 23:48	WG2191727
1,2,3-Trichloropropane	ND		0.0171	1.01	12/18/2023 23:48	WG2191727
1,2,4-Trimethylbenzene	ND		0.00687	1.01	12/18/2023 23:48	WG2191727
1,3,5-Trimethylbenzene	ND		0.00687	1.01	12/18/2023 23:48	WG2191727
Vinyl chloride	ND		0.00344	1.01	12/18/2023 23:48	WG2191727
Xylenes, Total	ND		0.00892	1.01	12/18/2023 23:48	WG2191727
(S) Toluene-d8	*102*		*75.0-131*		*12/18/2023 23:48*	WG2191727
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*12/18/2023 23:48*	WG2191727
(S) 1,2-Dichloroethane-d4	*83.8*		*70.0-130*		*12/18/2023 23:48*	WG2191727

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.0		1	12/15/2023 10:46	WG2189962

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	120	J6	2.44	5	12/17/2023 21:24	WG2190440

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0756	1.06	12/19/2023 00:07	WG2191727
Acrylonitrile	ND		0.0190	1.06	12/19/2023 00:07	WG2191727
Benzene	ND		0.00151	1.06	12/19/2023 00:07	WG2191727
Bromobenzene	ND		0.0190	1.06	12/19/2023 00:07	WG2191727
Bromodichloromethane	ND		0.00378	1.06	12/19/2023 00:07	WG2191727
Bromoform	ND		0.0378	1.06	12/19/2023 00:07	WG2191727
Bromomethane	ND		0.0190	1.06	12/19/2023 00:07	WG2191727
n-Butylbenzene	ND	C3	0.0190	1.06	12/19/2023 00:07	WG2191727
sec-Butylbenzene	ND		0.0190	1.06	12/19/2023 00:07	WG2191727
tert-Butylbenzene	ND		0.00756	1.06	12/19/2023 00:07	WG2191727
Carbon tetrachloride	ND		0.00756	1.06	12/19/2023 00:07	WG2191727
Chlorobenzene	ND		0.00378	1.06	12/19/2023 00:07	WG2191727
Chlorodibromomethane	ND		0.00378	1.06	12/19/2023 00:07	WG2191727
Chloroethane	ND		0.00756	1.06	12/19/2023 00:07	WG2191727
Chloroform	ND		0.00378	1.06	12/19/2023 00:07	WG2191727
Chloromethane	ND		0.0190	1.06	12/19/2023 00:07	WG2191727
2-Chlorotoluene	ND		0.00378	1.06	12/19/2023 00:07	WG2191727
4-Chlorotoluene	ND		0.00756	1.06	12/19/2023 00:07	WG2191727
1,2-Dibromo-3-Chloropropane	ND		0.0378	1.06	12/19/2023 00:07	WG2191727
1,2-Dibromoethane	ND		0.00378	1.06	12/19/2023 00:07	WG2191727
Dibromomethane	ND		0.00756	1.06	12/19/2023 00:07	WG2191727
1,2-Dichlorobenzene	ND		0.00756	1.06	12/19/2023 00:07	WG2191727
1,3-Dichlorobenzene	ND		0.00756	1.06	12/19/2023 00:07	WG2191727
1,4-Dichlorobenzene	ND		0.00756	1.06	12/19/2023 00:07	WG2191727
Dichlorodifluoromethane	ND		0.00756	1.06	12/19/2023 00:07	WG2191727
1,1-Dichloroethane	ND		0.00378	1.06	12/19/2023 00:07	WG2191727
1,2-Dichloroethane	ND		0.00378	1.06	12/19/2023 00:07	WG2191727
1,1-Dichloroethene	ND		0.00378	1.06	12/19/2023 00:07	WG2191727
cis-1,2-Dichloroethene	ND		0.00378	1.06	12/19/2023 00:07	WG2191727
trans-1,2-Dichloroethene	ND		0.00756	1.06	12/19/2023 00:07	WG2191727
1,2-Dichloropropane	ND		0.00756	1.06	12/19/2023 00:07	WG2191727
1,1-Dichloropropene	ND		0.00378	1.06	12/19/2023 00:07	WG2191727
1,3-Dichloropropane	ND		0.00756	1.06	12/19/2023 00:07	WG2191727
cis-1,3-Dichloropropene	ND		0.00378	1.06	12/19/2023 00:07	WG2191727
trans-1,3-Dichloropropene	ND		0.00756	1.06	12/19/2023 00:07	WG2191727
2,2-Dichloropropane	ND		0.00378	1.06	12/19/2023 00:07	WG2191727
Di-isopropyl ether	ND	C3	0.00151	1.06	12/19/2023 00:07	WG2191727
Ethylbenzene	ND		0.00378	1.06	12/19/2023 00:07	WG2191727
Hexachloro-1,3-butadiene	ND		0.0378	1.06	12/19/2023 00:07	WG2191727
Isopropylbenzene	ND		0.00378	1.06	12/19/2023 00:07	WG2191727
p-Isopropyltoluene	ND		0.00756	1.06	12/19/2023 00:07	WG2191727
2-Butanone (MEK)	ND	J3	0.151	1.06	12/19/2023 00:07	WG2191727
Methylene Chloride	ND		0.0378	1.06	12/19/2023 00:07	WG2191727
4-Methyl-2-pentanone (MIBK)	ND		0.0378	1.06	12/19/2023 00:07	WG2191727
Methyl tert-butyl ether	ND		0.00151	1.06	12/19/2023 00:07	WG2191727

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND		0.0190	1.06	12/19/2023 00:07	WG2191727
n-Propylbenzene	ND		0.00756	1.06	12/19/2023 00:07	WG2191727
Styrene	ND		0.0190	1.06	12/19/2023 00:07	WG2191727
1,1,1,2-Tetrachloroethane	ND		0.00378	1.06	12/19/2023 00:07	WG2191727
1,1,2,2-Tetrachloroethane	ND		0.00378	1.06	12/19/2023 00:07	WG2191727
Tetrachloroethene	ND		0.00378	1.06	12/19/2023 00:07	WG2191727
Toluene	ND		0.00756	1.06	12/19/2023 00:07	WG2191727
1,2,3-Trichlorobenzene	ND	C3	0.0190	1.06	12/19/2023 00:07	WG2191727
1,2,4-Trichlorobenzene	ND	C3	0.0190	1.06	12/19/2023 00:07	WG2191727
1,1,1-Trichloroethane	ND		0.00378	1.06	12/19/2023 00:07	WG2191727
1,1,2-Trichloroethane	ND		0.00378	1.06	12/19/2023 00:07	WG2191727
Trichloroethene	ND		0.00151	1.06	12/19/2023 00:07	WG2191727
Trichlorofluoromethane	ND		0.00378	1.06	12/19/2023 00:07	WG2191727
1,2,3-Trichloropropane	ND		0.0190	1.06	12/19/2023 00:07	WG2191727
1,2,4-Trimethylbenzene	ND		0.00756	1.06	12/19/2023 00:07	WG2191727
1,3,5-Trimethylbenzene	ND		0.00756	1.06	12/19/2023 00:07	WG2191727
Vinyl chloride	ND		0.00378	1.06	12/19/2023 00:07	WG2191727
Xylenes, Total	ND		0.00982	1.06	12/19/2023 00:07	WG2191727
(S) Toluene-d8	*104*		*75.0-131*		*12/19/2023 00:07*	WG2191727
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*12/19/2023 00:07*	WG2191727
(S) 1,2-Dichloroethane-d4	*78.9*		*70.0-130*		*12/19/2023 00:07*	WG2191727

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.6		1	12/15/2023 10:46	WG2189962

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	12.1		2.42	5	12/17/2023 21:59	WG2190440

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0728	1.03	12/19/2023 00:27	WG2191727
Acrylonitrile	ND		0.0182	1.03	12/19/2023 00:27	WG2191727
Benzene	ND		0.00146	1.03	12/19/2023 00:27	WG2191727
Bromobenzene	ND		0.0182	1.03	12/19/2023 00:27	WG2191727
Bromodichloromethane	ND		0.00365	1.03	12/19/2023 00:27	WG2191727
Bromoform	ND		0.0365	1.03	12/19/2023 00:27	WG2191727
Bromomethane	ND		0.0182	1.03	12/19/2023 00:27	WG2191727
n-Butylbenzene	ND	C3	0.0182	1.03	12/19/2023 00:27	WG2191727
sec-Butylbenzene	ND		0.0182	1.03	12/19/2023 00:27	WG2191727
tert-Butylbenzene	ND		0.00728	1.03	12/19/2023 00:27	WG2191727
Carbon tetrachloride	ND		0.00728	1.03	12/19/2023 00:27	WG2191727
Chlorobenzene	ND		0.00365	1.03	12/19/2023 00:27	WG2191727
Chlorodibromomethane	ND		0.00365	1.03	12/19/2023 00:27	WG2191727
Chloroethane	ND		0.00728	1.03	12/19/2023 00:27	WG2191727
Chloroform	ND		0.00365	1.03	12/19/2023 00:27	WG2191727
Chloromethane	ND		0.0182	1.03	12/19/2023 00:27	WG2191727
2-Chlorotoluene	ND		0.00365	1.03	12/19/2023 00:27	WG2191727
4-Chlorotoluene	ND		0.00728	1.03	12/19/2023 00:27	WG2191727
1,2-Dibromo-3-Chloropropane	ND		0.0365	1.03	12/19/2023 00:27	WG2191727
1,2-Dibromoethane	ND		0.00365	1.03	12/19/2023 00:27	WG2191727
Dibromomethane	ND		0.00728	1.03	12/19/2023 00:27	WG2191727
1,2-Dichlorobenzene	ND		0.00728	1.03	12/19/2023 00:27	WG2191727
1,3-Dichlorobenzene	ND		0.00728	1.03	12/19/2023 00:27	WG2191727
1,4-Dichlorobenzene	ND		0.00728	1.03	12/19/2023 00:27	WG2191727
Dichlorodifluoromethane	ND		0.00728	1.03	12/19/2023 00:27	WG2191727
1,1-Dichloroethane	ND		0.00365	1.03	12/19/2023 00:27	WG2191727
1,2-Dichloroethane	ND		0.00365	1.03	12/19/2023 00:27	WG2191727
1,1-Dichloroethene	ND		0.00365	1.03	12/19/2023 00:27	WG2191727
cis-1,2-Dichloroethene	ND		0.00365	1.03	12/19/2023 00:27	WG2191727
trans-1,2-Dichloroethene	ND		0.00728	1.03	12/19/2023 00:27	WG2191727
1,2-Dichloropropane	ND		0.00728	1.03	12/19/2023 00:27	WG2191727
1,1-Dichloropropene	ND		0.00365	1.03	12/19/2023 00:27	WG2191727
1,3-Dichloropropane	ND		0.00728	1.03	12/19/2023 00:27	WG2191727
cis-1,3-Dichloropropene	ND		0.00365	1.03	12/19/2023 00:27	WG2191727
trans-1,3-Dichloropropene	ND		0.00728	1.03	12/19/2023 00:27	WG2191727
2,2-Dichloropropane	ND		0.00365	1.03	12/19/2023 00:27	WG2191727
Di-isopropyl ether	ND	C3	0.00146	1.03	12/19/2023 00:27	WG2191727
Ethylbenzene	ND		0.00365	1.03	12/19/2023 00:27	WG2191727
Hexachloro-1,3-butadiene	ND		0.0365	1.03	12/19/2023 00:27	WG2191727
Isopropylbenzene	ND		0.00365	1.03	12/19/2023 00:27	WG2191727
p-Isopropyltoluene	ND		0.00728	1.03	12/19/2023 00:27	WG2191727
2-Butanone (MEK)	ND	J3	0.146	1.03	12/19/2023 00:27	WG2191727
Methylene Chloride	ND		0.0365	1.03	12/19/2023 00:27	WG2191727
4-Methyl-2-pentanone (MIBK)	ND		0.0365	1.03	12/19/2023 00:27	WG2191727
Methyl tert-butyl ether	ND		0.00146	1.03	12/19/2023 00:27	WG2191727

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND		0.0182	1.03	12/19/2023 00:27	WG2191727
n-Propylbenzene	ND		0.00728	1.03	12/19/2023 00:27	WG2191727
Styrene	ND		0.0182	1.03	12/19/2023 00:27	WG2191727
1,1,1,2-Tetrachloroethane	ND		0.00365	1.03	12/19/2023 00:27	WG2191727
1,1,2,2-Tetrachloroethane	ND		0.00365	1.03	12/19/2023 00:27	WG2191727
Tetrachloroethene	ND		0.00365	1.03	12/19/2023 00:27	WG2191727
Toluene	ND		0.00728	1.03	12/19/2023 00:27	WG2191727
1,2,3-Trichlorobenzene	ND	C3	0.0182	1.03	12/19/2023 00:27	WG2191727
1,2,4-Trichlorobenzene	ND	C3	0.0182	1.03	12/19/2023 00:27	WG2191727
1,1,1-Trichloroethane	ND		0.00365	1.03	12/19/2023 00:27	WG2191727
1,1,2-Trichloroethane	ND		0.00365	1.03	12/19/2023 00:27	WG2191727
Trichloroethene	ND		0.00146	1.03	12/19/2023 00:27	WG2191727
Trichlorofluoromethane	ND		0.00365	1.03	12/19/2023 00:27	WG2191727
1,2,3-Trichloropropane	ND		0.0182	1.03	12/19/2023 00:27	WG2191727
1,2,4-Trimethylbenzene	ND		0.00728	1.03	12/19/2023 00:27	WG2191727
1,3,5-Trimethylbenzene	ND		0.00728	1.03	12/19/2023 00:27	WG2191727
Vinyl chloride	ND		0.00365	1.03	12/19/2023 00:27	WG2191727
Xylenes, Total	ND		0.00947	1.03	12/19/2023 00:27	WG2191727
(S) Toluene-d8	*105*		*75.0-131*		*12/19/2023 00:27*	WG2191727
(S) 4-Bromofluorobenzene	*100*		*67.0-138*		*12/19/2023 00:27*	WG2191727
(S) 1,2-Dichloroethane-d4	*76.4*		*70.0-130*		*12/19/2023 00:27*	WG2191727

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.7		1	12/15/2023 10:46	WG2189962

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	65.7		2.31	5	12/17/2023 22:02	WG2190440

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0734	1.14	12/19/2023 00:46	WG2191727
Acrylonitrile	ND		0.0184	1.14	12/19/2023 00:46	WG2191727
Benzene	ND		0.00147	1.14	12/19/2023 00:46	WG2191727
Bromobenzene	ND		0.0184	1.14	12/19/2023 00:46	WG2191727
Bromodichloromethane	ND		0.00367	1.14	12/19/2023 00:46	WG2191727
Bromoform	ND		0.0367	1.14	12/19/2023 00:46	WG2191727
Bromomethane	ND		0.0184	1.14	12/19/2023 00:46	WG2191727
n-Butylbenzene	ND	C3	0.0184	1.14	12/19/2023 00:46	WG2191727
sec-Butylbenzene	ND		0.0184	1.14	12/19/2023 00:46	WG2191727
tert-Butylbenzene	ND		0.00734	1.14	12/19/2023 00:46	WG2191727
Carbon tetrachloride	ND		0.00734	1.14	12/19/2023 00:46	WG2191727
Chlorobenzene	ND		0.00367	1.14	12/19/2023 00:46	WG2191727
Chlorodibromomethane	ND		0.00367	1.14	12/19/2023 00:46	WG2191727
Chloroethane	ND		0.00734	1.14	12/19/2023 00:46	WG2191727
Chloroform	ND		0.00367	1.14	12/19/2023 00:46	WG2191727
Chloromethane	ND		0.0184	1.14	12/19/2023 00:46	WG2191727
2-Chlorotoluene	ND		0.00367	1.14	12/19/2023 00:46	WG2191727
4-Chlorotoluene	ND		0.00734	1.14	12/19/2023 00:46	WG2191727
1,2-Dibromo-3-Chloropropane	ND		0.0367	1.14	12/19/2023 00:46	WG2191727
1,2-Dibromoethane	ND		0.00367	1.14	12/19/2023 00:46	WG2191727
Dibromomethane	ND		0.00734	1.14	12/19/2023 00:46	WG2191727
1,2-Dichlorobenzene	ND		0.00734	1.14	12/19/2023 00:46	WG2191727
1,3-Dichlorobenzene	ND		0.00734	1.14	12/19/2023 00:46	WG2191727
1,4-Dichlorobenzene	ND		0.00734	1.14	12/19/2023 00:46	WG2191727
Dichlorodifluoromethane	ND		0.00734	1.14	12/19/2023 00:46	WG2191727
1,1-Dichloroethane	ND		0.00367	1.14	12/19/2023 00:46	WG2191727
1,2-Dichloroethane	ND		0.00367	1.14	12/19/2023 00:46	WG2191727
1,1-Dichloroethene	ND		0.00367	1.14	12/19/2023 00:46	WG2191727
cis-1,2-Dichloroethene	ND		0.00367	1.14	12/19/2023 00:46	WG2191727
trans-1,2-Dichloroethene	ND		0.00734	1.14	12/19/2023 00:46	WG2191727
1,2-Dichloropropane	ND		0.00734	1.14	12/19/2023 00:46	WG2191727
1,1-Dichloropropene	ND		0.00367	1.14	12/19/2023 00:46	WG2191727
1,3-Dichloropropane	ND		0.00734	1.14	12/19/2023 00:46	WG2191727
cis-1,3-Dichloropropene	ND		0.00367	1.14	12/19/2023 00:46	WG2191727
trans-1,3-Dichloropropene	ND		0.00734	1.14	12/19/2023 00:46	WG2191727
2,2-Dichloropropane	ND		0.00367	1.14	12/19/2023 00:46	WG2191727
Di-isopropyl ether	ND	C3	0.00147	1.14	12/19/2023 00:46	WG2191727
Ethylbenzene	ND		0.00367	1.14	12/19/2023 00:46	WG2191727
Hexachloro-1,3-butadiene	ND		0.0367	1.14	12/19/2023 00:46	WG2191727
Isopropylbenzene	ND		0.00367	1.14	12/19/2023 00:46	WG2191727
p-Isopropyltoluene	ND		0.00734	1.14	12/19/2023 00:46	WG2191727
2-Butanone (MEK)	ND	J3	0.147	1.14	12/19/2023 00:46	WG2191727
Methylene Chloride	ND		0.0367	1.14	12/19/2023 00:46	WG2191727
4-Methyl-2-pentanone (MIBK)	ND		0.0367	1.14	12/19/2023 00:46	WG2191727
Methyl tert-butyl ether	ND		0.00147	1.14	12/19/2023 00:46	WG2191727

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND		0.0184	1.14	12/19/2023 00:46	WG2191727
n-Propylbenzene	ND		0.00734	1.14	12/19/2023 00:46	WG2191727
Styrene	ND		0.0184	1.14	12/19/2023 00:46	WG2191727
1,1,1,2-Tetrachloroethane	ND		0.00367	1.14	12/19/2023 00:46	WG2191727
1,1,2,2-Tetrachloroethane	ND		0.00367	1.14	12/19/2023 00:46	WG2191727
Tetrachloroethene	ND		0.00367	1.14	12/19/2023 00:46	WG2191727
Toluene	ND		0.00734	1.14	12/19/2023 00:46	WG2191727
1,2,3-Trichlorobenzene	ND	C3	0.0184	1.14	12/19/2023 00:46	WG2191727
1,2,4-Trichlorobenzene	ND	C3	0.0184	1.14	12/19/2023 00:46	WG2191727
1,1,1-Trichloroethane	ND		0.00367	1.14	12/19/2023 00:46	WG2191727
1,1,2-Trichloroethane	ND		0.00367	1.14	12/19/2023 00:46	WG2191727
Trichloroethene	ND		0.00147	1.14	12/19/2023 00:46	WG2191727
Trichlorofluoromethane	ND		0.00367	1.14	12/19/2023 00:46	WG2191727
1,2,3-Trichloropropane	ND		0.0184	1.14	12/19/2023 00:46	WG2191727
1,2,4-Trimethylbenzene	ND		0.00734	1.14	12/19/2023 00:46	WG2191727
1,3,5-Trimethylbenzene	ND		0.00734	1.14	12/19/2023 00:46	WG2191727
Vinyl chloride	ND		0.00367	1.14	12/19/2023 00:46	WG2191727
Xylenes, Total	ND		0.00955	1.14	12/19/2023 00:46	WG2191727
(S) Toluene-d8	*104*		*75.0-131*		*12/19/2023 00:46*	WG2191727
(S) 4-Bromofluorobenzene	*99.9*		*67.0-138*		*12/19/2023 00:46*	WG2191727
(S) 1,2-Dichloroethane-d4	*80.1*		*70.0-130*		*12/19/2023 00:46*	WG2191727

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.8		1	12/15/2023 10:46	WG2189962

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	222		2.28	5	12/17/2023 22:05	WG2190440

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0646	1	12/19/2023 01:05	WG2191727
Acrylonitrile	ND		0.0161	1	12/19/2023 01:05	WG2191727
Benzene	ND		0.00129	1	12/19/2023 01:05	WG2191727
Bromobenzene	ND		0.0161	1	12/19/2023 01:05	WG2191727
Bromodichloromethane	ND		0.00323	1	12/19/2023 01:05	WG2191727
Bromoform	ND		0.0323	1	12/19/2023 01:05	WG2191727
Bromomethane	ND		0.0161	1	12/19/2023 01:05	WG2191727
n-Butylbenzene	ND	C3	0.0161	1	12/19/2023 01:05	WG2191727
sec-Butylbenzene	ND		0.0161	1	12/19/2023 01:05	WG2191727
tert-Butylbenzene	ND		0.00646	1	12/19/2023 01:05	WG2191727
Carbon tetrachloride	ND		0.00646	1	12/19/2023 01:05	WG2191727
Chlorobenzene	ND		0.00323	1	12/19/2023 01:05	WG2191727
Chlorodibromomethane	ND		0.00323	1	12/19/2023 01:05	WG2191727
Chloroethane	ND		0.00646	1	12/19/2023 01:05	WG2191727
Chloroform	ND		0.00323	1	12/19/2023 01:05	WG2191727
Chloromethane	ND		0.0161	1	12/19/2023 01:05	WG2191727
2-Chlorotoluene	ND		0.00323	1	12/19/2023 01:05	WG2191727
4-Chlorotoluene	ND		0.00646	1	12/19/2023 01:05	WG2191727
1,2-Dibromo-3-Chloropropane	ND		0.0323	1	12/19/2023 01:05	WG2191727
1,2-Dibromoethane	ND		0.00323	1	12/19/2023 01:05	WG2191727
Dibromomethane	ND		0.00646	1	12/19/2023 01:05	WG2191727
1,2-Dichlorobenzene	ND		0.00646	1	12/19/2023 01:05	WG2191727
1,3-Dichlorobenzene	ND		0.00646	1	12/19/2023 01:05	WG2191727
1,4-Dichlorobenzene	ND		0.00646	1	12/19/2023 01:05	WG2191727
Dichlorodifluoromethane	ND		0.00646	1	12/19/2023 01:05	WG2191727
1,1-Dichloroethane	ND		0.00323	1	12/19/2023 01:05	WG2191727
1,2-Dichloroethane	ND		0.00323	1	12/19/2023 01:05	WG2191727
1,1-Dichloroethene	ND		0.00323	1	12/19/2023 01:05	WG2191727
cis-1,2-Dichloroethene	ND		0.00323	1	12/19/2023 01:05	WG2191727
trans-1,2-Dichloroethene	ND		0.00646	1	12/19/2023 01:05	WG2191727
1,2-Dichloropropane	ND		0.00646	1	12/19/2023 01:05	WG2191727
1,1-Dichloropropene	ND		0.00323	1	12/19/2023 01:05	WG2191727
1,3-Dichloropropane	ND		0.00646	1	12/19/2023 01:05	WG2191727
cis-1,3-Dichloropropene	ND		0.00323	1	12/19/2023 01:05	WG2191727
trans-1,3-Dichloropropene	ND		0.00646	1	12/19/2023 01:05	WG2191727
2,2-Dichloropropane	ND		0.00323	1	12/19/2023 01:05	WG2191727
Di-isopropyl ether	ND	C3	0.00129	1	12/19/2023 01:05	WG2191727
Ethylbenzene	ND		0.00323	1	12/19/2023 01:05	WG2191727
Hexachloro-1,3-butadiene	ND		0.0323	1	12/19/2023 01:05	WG2191727
Isopropylbenzene	ND		0.00323	1	12/19/2023 01:05	WG2191727
p-Isopropyltoluene	ND		0.00646	1	12/19/2023 01:05	WG2191727
2-Butanone (MEK)	ND	J3	0.129	1	12/19/2023 01:05	WG2191727
Methylene Chloride	ND		0.0323	1	12/19/2023 01:05	WG2191727
4-Methyl-2-pentanone (MIBK)	ND		0.0323	1	12/19/2023 01:05	WG2191727
Methyl tert-butyl ether	ND		0.00129	1	12/19/2023 01:05	WG2191727

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	0.111		0.0161	1	12/19/2023 01:05	WG2191727
n-Propylbenzene	ND		0.00646	1	12/19/2023 01:05	WG2191727
Styrene	ND		0.0161	1	12/19/2023 01:05	WG2191727
1,1,1,2-Tetrachloroethane	ND		0.00323	1	12/19/2023 01:05	WG2191727
1,1,2,2-Tetrachloroethane	ND		0.00323	1	12/19/2023 01:05	WG2191727
Tetrachloroethene	ND		0.00323	1	12/19/2023 01:05	WG2191727
Toluene	ND		0.00646	1	12/19/2023 01:05	WG2191727
1,2,3-Trichlorobenzene	ND	C3	0.0161	1	12/19/2023 01:05	WG2191727
1,2,4-Trichlorobenzene	ND	C3	0.0161	1	12/19/2023 01:05	WG2191727
1,1,1-Trichloroethane	ND		0.00323	1	12/19/2023 01:05	WG2191727
1,1,2-Trichloroethane	ND		0.00323	1	12/19/2023 01:05	WG2191727
Trichloroethene	ND		0.00129	1	12/19/2023 01:05	WG2191727
Trichlorofluoromethane	ND		0.00323	1	12/19/2023 01:05	WG2191727
1,2,3-Trichloropropane	ND		0.0161	1	12/19/2023 01:05	WG2191727
1,2,4-Trimethylbenzene	ND		0.00646	1	12/19/2023 01:05	WG2191727
1,3,5-Trimethylbenzene	ND		0.00646	1	12/19/2023 01:05	WG2191727
Vinyl chloride	ND		0.00323	1	12/19/2023 01:05	WG2191727
Xylenes, Total	ND		0.00840	1	12/19/2023 01:05	WG2191727
(S) Toluene-d8	*103*		*75.0-131*		*12/19/2023 01:05*	WG2191727
(S) 4-Bromofluorobenzene	*99.7*		*67.0-138*		*12/19/2023 01:05*	WG2191727
(S) 1,2-Dichloroethane-d4	*71.7*		*70.0-130*		*12/19/2023 01:05*	WG2191727

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.4		1	12/15/2023 10:46	WG2189962

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	157		2.34	5	12/17/2023 22:09	WG2190440

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0700	1.05	12/19/2023 01:24	WG2191727
Acrylonitrile	ND		0.0175	1.05	12/19/2023 01:24	WG2191727
Benzene	ND		0.00140	1.05	12/19/2023 01:24	WG2191727
Bromobenzene	ND		0.0175	1.05	12/19/2023 01:24	WG2191727
Bromodichloromethane	ND		0.00351	1.05	12/19/2023 01:24	WG2191727
Bromoform	ND		0.0351	1.05	12/19/2023 01:24	WG2191727
Bromomethane	ND		0.0175	1.05	12/19/2023 01:24	WG2191727
n-Butylbenzene	ND	C3	0.0175	1.05	12/19/2023 01:24	WG2191727
sec-Butylbenzene	ND		0.0175	1.05	12/19/2023 01:24	WG2191727
tert-Butylbenzene	ND		0.00700	1.05	12/19/2023 01:24	WG2191727
Carbon tetrachloride	ND		0.00700	1.05	12/19/2023 01:24	WG2191727
Chlorobenzene	ND		0.00351	1.05	12/19/2023 01:24	WG2191727
Chlorodibromomethane	ND		0.00351	1.05	12/19/2023 01:24	WG2191727
Chloroethane	ND		0.00700	1.05	12/19/2023 01:24	WG2191727
Chloroform	ND		0.00351	1.05	12/19/2023 01:24	WG2191727
Chloromethane	ND		0.0175	1.05	12/19/2023 01:24	WG2191727
2-Chlorotoluene	ND		0.00351	1.05	12/19/2023 01:24	WG2191727
4-Chlorotoluene	ND		0.00700	1.05	12/19/2023 01:24	WG2191727
1,2-Dibromo-3-Chloropropane	ND		0.0351	1.05	12/19/2023 01:24	WG2191727
1,2-Dibromoethane	ND		0.00351	1.05	12/19/2023 01:24	WG2191727
Dibromomethane	ND		0.00700	1.05	12/19/2023 01:24	WG2191727
1,2-Dichlorobenzene	ND		0.00700	1.05	12/19/2023 01:24	WG2191727
1,3-Dichlorobenzene	ND		0.00700	1.05	12/19/2023 01:24	WG2191727
1,4-Dichlorobenzene	ND		0.00700	1.05	12/19/2023 01:24	WG2191727
Dichlorodifluoromethane	ND		0.00700	1.05	12/19/2023 01:24	WG2191727
1,1-Dichloroethane	ND		0.00351	1.05	12/19/2023 01:24	WG2191727
1,2-Dichloroethane	ND		0.00351	1.05	12/19/2023 01:24	WG2191727
1,1-Dichloroethene	ND		0.00351	1.05	12/19/2023 01:24	WG2191727
cis-1,2-Dichloroethene	ND		0.00351	1.05	12/19/2023 01:24	WG2191727
trans-1,2-Dichloroethene	ND		0.00700	1.05	12/19/2023 01:24	WG2191727
1,2-Dichloropropane	ND		0.00700	1.05	12/19/2023 01:24	WG2191727
1,1-Dichloropropene	ND		0.00351	1.05	12/19/2023 01:24	WG2191727
1,3-Dichloropropane	ND		0.00700	1.05	12/19/2023 01:24	WG2191727
cis-1,3-Dichloropropene	ND		0.00351	1.05	12/19/2023 01:24	WG2191727
trans-1,3-Dichloropropene	ND		0.00700	1.05	12/19/2023 01:24	WG2191727
2,2-Dichloropropane	ND		0.00351	1.05	12/19/2023 01:24	WG2191727
Di-isopropyl ether	ND	C3	0.00140	1.05	12/19/2023 01:24	WG2191727
Ethylbenzene	ND		0.00351	1.05	12/19/2023 01:24	WG2191727
Hexachloro-1,3-butadiene	ND		0.0351	1.05	12/19/2023 01:24	WG2191727
Isopropylbenzene	ND		0.00351	1.05	12/19/2023 01:24	WG2191727
p-Isopropyltoluene	ND		0.00700	1.05	12/19/2023 01:24	WG2191727
2-Butanone (MEK)	ND	J3	0.140	1.05	12/19/2023 01:24	WG2191727
Methylene Chloride	ND		0.0351	1.05	12/19/2023 01:24	WG2191727
4-Methyl-2-pentanone (MIBK)	ND		0.0351	1.05	12/19/2023 01:24	WG2191727
Methyl tert-butyl ether	ND		0.00140	1.05	12/19/2023 01:24	WG2191727

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND		0.0175	1.05	12/19/2023 01:24	WG2191727
n-Propylbenzene	ND		0.00700	1.05	12/19/2023 01:24	WG2191727
Styrene	ND		0.0175	1.05	12/19/2023 01:24	WG2191727
1,1,1,2-Tetrachloroethane	ND		0.00351	1.05	12/19/2023 01:24	WG2191727
1,1,2,2-Tetrachloroethane	ND		0.00351	1.05	12/19/2023 01:24	WG2191727
Tetrachloroethene	ND		0.00351	1.05	12/19/2023 01:24	WG2191727
Toluene	ND		0.00700	1.05	12/19/2023 01:24	WG2191727
1,2,3-Trichlorobenzene	ND	C3	0.0175	1.05	12/19/2023 01:24	WG2191727
1,2,4-Trichlorobenzene	ND	C3	0.0175	1.05	12/19/2023 01:24	WG2191727
1,1,1-Trichloroethane	ND		0.00351	1.05	12/19/2023 01:24	WG2191727
1,1,2-Trichloroethane	ND		0.00351	1.05	12/19/2023 01:24	WG2191727
Trichloroethene	ND		0.00140	1.05	12/19/2023 01:24	WG2191727
Trichlorofluoromethane	ND		0.00351	1.05	12/19/2023 01:24	WG2191727
1,2,3-Trichloropropane	ND		0.0175	1.05	12/19/2023 01:24	WG2191727
1,2,4-Trimethylbenzene	ND		0.00700	1.05	12/19/2023 01:24	WG2191727
1,3,5-Trimethylbenzene	ND		0.00700	1.05	12/19/2023 01:24	WG2191727
Vinyl chloride	ND		0.00351	1.05	12/19/2023 01:24	WG2191727
Xylenes, Total	ND		0.00911	1.05	12/19/2023 01:24	WG2191727
(S) Toluene-d8	*103*		*75.0-131*		*12/19/2023 01:24*	WG2191727
(S) 4-Bromofluorobenzene	*99.1*		*67.0-138*		*12/19/2023 01:24*	WG2191727
(S) 1,2-Dichloroethane-d4	*79.0*		*70.0-130*		*12/19/2023 01:24*	WG2191727

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.5		1	12/15/2023 10:46	WG2189962

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	62.4		2.34	5	12/17/2023 22:12	WG2190440

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND		0.0670	1	12/21/2023 01:13	WG2192086
Acrylonitrile	ND		0.0167	1	12/21/2023 01:13	WG2192086
Benzene	ND		0.00134	1	12/21/2023 01:13	WG2192086
Bromobenzene	ND		0.0167	1	12/21/2023 01:13	WG2192086
Bromodichloromethane	ND		0.00335	1	12/21/2023 01:13	WG2192086
Bromoform	ND		0.0335	1	12/21/2023 01:13	WG2192086
Bromomethane	ND		0.0167	1	12/21/2023 01:13	WG2192086
n-Butylbenzene	ND		0.0167	1	12/21/2023 01:13	WG2192086
sec-Butylbenzene	ND		0.0167	1	12/21/2023 01:13	WG2192086
tert-Butylbenzene	ND		0.00670	1	12/21/2023 01:13	WG2192086
Carbon tetrachloride	ND		0.00670	1	12/21/2023 01:13	WG2192086
Chlorobenzene	ND		0.00335	1	12/21/2023 01:13	WG2192086
Chlorodibromomethane	ND		0.00335	1	12/21/2023 01:13	WG2192086
Chloroethane	ND		0.00670	1	12/21/2023 01:13	WG2192086
Chloroform	ND		0.00335	1	12/21/2023 01:13	WG2192086
Chloromethane	ND		0.0167	1	12/21/2023 01:13	WG2192086
2-Chlorotoluene	ND	J3	0.00335	1	12/21/2023 01:13	WG2192086
4-Chlorotoluene	ND		0.00670	1	12/21/2023 01:13	WG2192086
1,2-Dibromo-3-Chloropropane	ND		0.0335	1	12/21/2023 01:13	WG2192086
1,2-Dibromoethane	ND		0.00335	1	12/21/2023 01:13	WG2192086
Dibromomethane	ND		0.00670	1	12/21/2023 01:13	WG2192086
1,2-Dichlorobenzene	ND		0.00670	1	12/21/2023 01:13	WG2192086
1,3-Dichlorobenzene	ND		0.00670	1	12/21/2023 01:13	WG2192086
1,4-Dichlorobenzene	ND		0.00670	1	12/21/2023 01:13	WG2192086
Dichlorodifluoromethane	ND		0.00670	1	12/21/2023 01:13	WG2192086
1,1-Dichloroethane	ND		0.00335	1	12/21/2023 01:13	WG2192086
1,2-Dichloroethane	ND		0.00335	1	12/21/2023 01:13	WG2192086
1,1-Dichloroethene	ND		0.00335	1	12/21/2023 01:13	WG2192086
cis-1,2-Dichloroethene	ND		0.00335	1	12/21/2023 01:13	WG2192086
trans-1,2-Dichloroethene	ND		0.00670	1	12/21/2023 01:13	WG2192086
1,2-Dichloropropane	ND		0.00670	1	12/21/2023 01:13	WG2192086
1,1-Dichloropropene	ND		0.00335	1	12/21/2023 01:13	WG2192086
1,3-Dichloropropane	ND		0.00670	1	12/21/2023 01:13	WG2192086
cis-1,3-Dichloropropene	ND		0.00335	1	12/21/2023 01:13	WG2192086
trans-1,3-Dichloropropene	ND		0.00670	1	12/21/2023 01:13	WG2192086
2,2-Dichloropropane	ND		0.00335	1	12/21/2023 01:13	WG2192086
Di-isopropyl ether	ND		0.00134	1	12/21/2023 01:13	WG2192086
Ethylbenzene	ND		0.00335	1	12/21/2023 01:13	WG2192086
Hexachloro-1,3-butadiene	ND	J3	0.0335	1	12/21/2023 01:13	WG2192086
Isopropylbenzene	ND		0.00335	1	12/21/2023 01:13	WG2192086
p-Isopropyltoluene	ND		0.00670	1	12/21/2023 01:13	WG2192086
2-Butanone (MEK)	ND		0.134	1	12/21/2023 01:13	WG2192086
Methylene Chloride	ND		0.0335	1	12/21/2023 01:13	WG2192086
4-Methyl-2-pentanone (MIBK)	ND		0.0335	1	12/21/2023 01:13	WG2192086
Methyl tert-butyl ether	ND		0.00134	1	12/21/2023 01:13	WG2192086

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND		0.0167	1	12/21/2023 01:13	WG2192086
n-Propylbenzene	ND		0.00670	1	12/21/2023 01:13	WG2192086
Styrene	ND		0.0167	1	12/21/2023 01:13	WG2192086
1,1,1,2-Tetrachloroethane	ND		0.00335	1	12/21/2023 01:13	WG2192086
1,1,2,2-Tetrachloroethane	ND		0.00335	1	12/21/2023 01:13	WG2192086
Tetrachloroethene	ND		0.00335	1	12/21/2023 01:13	WG2192086
Toluene	ND		0.00670	1	12/21/2023 01:13	WG2192086
1,2,3-Trichlorobenzene	ND		0.0167	1	12/21/2023 01:13	WG2192086
1,2,4-Trichlorobenzene	ND	J3	0.0167	1	12/21/2023 01:13	WG2192086
1,1,1-Trichloroethane	ND		0.00335	1	12/21/2023 01:13	WG2192086
1,1,2-Trichloroethane	ND		0.00335	1	12/21/2023 01:13	WG2192086
Trichloroethene	ND		0.00134	1	12/21/2023 01:13	WG2192086
Trichlorofluoromethane	ND		0.00335	1	12/21/2023 01:13	WG2192086
1,2,3-Trichloropropane	ND		0.0167	1	12/21/2023 01:13	WG2192086
1,2,4-Trimethylbenzene	ND		0.00670	1	12/21/2023 01:13	WG2192086
1,3,5-Trimethylbenzene	ND		0.00670	1	12/21/2023 01:13	WG2192086
Vinyl chloride	ND		0.00335	1	12/21/2023 01:13	WG2192086
Xylenes, Total	ND		0.00871	1	12/21/2023 01:13	WG2192086
(S) Toluene-d8	*105*		*75.0-131*		*12/21/2023 01:13*	WG2192086
(S) 4-Bromofluorobenzene	*96.0*		*67.0-138*		*12/21/2023 01:13*	WG2192086
(S) 1,2-Dichloroethane-d4	*96.4*		*70.0-130*		*12/21/2023 01:13*	WG2192086

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	J4	50.0	1	12/19/2023 03:33	WG2191776
Acrolein	ND		50.0	1	12/19/2023 03:33	WG2191776
Acrylonitrile	ND		10.0	1	12/21/2023 15:45	WG2193189
Benzene	ND		1.00	1	12/19/2023 03:33	WG2191776
Bromobenzene	ND		1.00	1	12/19/2023 03:33	WG2191776
Bromodichloromethane	ND		1.00	1	12/19/2023 03:33	WG2191776
Bromoform	ND		1.00	1	12/19/2023 03:33	WG2191776
Bromomethane	ND		5.00	1	12/19/2023 03:33	WG2191776
n-Butylbenzene	ND	J4	1.00	1	12/19/2023 03:33	WG2191776
sec-Butylbenzene	ND		1.00	1	12/19/2023 03:33	WG2191776
tert-Butylbenzene	ND		1.00	1	12/19/2023 03:33	WG2191776
Carbon tetrachloride	ND		1.00	1	12/19/2023 03:33	WG2191776
Chlorobenzene	ND		1.00	1	12/19/2023 03:33	WG2191776
Chlorodibromomethane	ND		1.00	1	12/19/2023 03:33	WG2191776
Chloroethane	ND		5.00	1	12/19/2023 03:33	WG2191776
Chloroform	ND		5.00	1	12/19/2023 03:33	WG2191776
Chloromethane	ND		2.50	1	12/19/2023 03:33	WG2191776
2-Chlorotoluene	ND		1.00	1	12/19/2023 03:33	WG2191776
4-Chlorotoluene	ND		1.00	1	12/19/2023 03:33	WG2191776
1,2-Dibromo-3-Chloropropane	ND		5.00	1	12/21/2023 15:45	WG2193189
1,2-Dibromoethane	ND		1.00	1	12/19/2023 03:33	WG2191776
Dibromomethane	ND		1.00	1	12/19/2023 03:33	WG2191776
1,2-Dichlorobenzene	ND		1.00	1	12/19/2023 03:33	WG2191776
1,3-Dichlorobenzene	ND		1.00	1	12/19/2023 03:33	WG2191776
1,4-Dichlorobenzene	ND		1.00	1	12/19/2023 03:33	WG2191776
Dichlorodifluoromethane	ND		5.00	1	12/19/2023 03:33	WG2191776
1,1-Dichloroethane	ND		1.00	1	12/19/2023 03:33	WG2191776
1,2-Dichloroethane	ND		1.00	1	12/19/2023 03:33	WG2191776
1,1-Dichloroethene	ND		1.00	1	12/19/2023 03:33	WG2191776
cis-1,2-Dichloroethene	ND		1.00	1	12/19/2023 03:33	WG2191776
trans-1,2-Dichloroethene	ND		1.00	1	12/19/2023 03:33	WG2191776
1,2-Dichloropropane	ND		1.00	1	12/19/2023 03:33	WG2191776
1,1-Dichloropropene	ND		1.00	1	12/19/2023 03:33	WG2191776
1,3-Dichloropropane	ND		1.00	1	12/19/2023 03:33	WG2191776
cis-1,3-Dichloropropene	ND		1.00	1	12/19/2023 03:33	WG2191776
trans-1,3-Dichloropropene	ND		1.00	1	12/19/2023 03:33	WG2191776
2,2-Dichloropropane	ND		1.00	1	12/19/2023 03:33	WG2191776
Di-isopropyl ether	ND	J4	1.00	1	12/19/2023 03:33	WG2191776
Ethylbenzene	ND		1.00	1	12/19/2023 03:33	WG2191776
Hexachloro-1,3-butadiene	ND	J4	1.00	1	12/19/2023 03:33	WG2191776
Isopropylbenzene	ND		1.00	1	12/19/2023 03:33	WG2191776
p-Isopropyltoluene	ND		1.00	1	12/19/2023 03:33	WG2191776
2-Butanone (MEK)	ND		10.0	1	12/19/2023 03:33	WG2191776
Methylene Chloride	ND		5.00	1	12/19/2023 03:33	WG2191776
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	12/19/2023 03:33	WG2191776
Methyl tert-butyl ether	ND		1.00	1	12/19/2023 03:33	WG2191776
Naphthalene	ND	C3	5.00	1	12/21/2023 15:45	WG2193189
n-Propylbenzene	ND		1.00	1	12/19/2023 03:33	WG2191776
Styrene	ND		1.00	1	12/19/2023 03:33	WG2191776
1,1,1,2-Tetrachloroethane	ND		1.00	1	12/19/2023 03:33	WG2191776
1,1,2,2-Tetrachloroethane	ND		1.00	1	12/21/2023 15:45	WG2193189
Tetrachloroethene	ND		1.00	1	12/19/2023 03:33	WG2191776
Toluene	ND		1.00	1	12/19/2023 03:33	WG2191776
1,2,3-Trichlorobenzene	ND		1.00	1	12/19/2023 03:33	WG2191776
1,2,4-Trichlorobenzene	ND		1.00	1	12/19/2023 03:33	WG2191776
1,1,1-Trichloroethane	ND		1.00	1	12/19/2023 03:33	WG2191776

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	ND		1.00	1	12/19/2023 03:33	WG2191776
Trichloroethene	ND		1.00	1	12/21/2023 15:45	WG2193189
Trichlorofluoromethane	ND		5.00	1	12/19/2023 03:33	WG2191776
1,2,3-Trichloropropane	ND		2.50	1	12/21/2023 15:45	WG2193189
1,2,4-Trimethylbenzene	ND		1.00	1	12/19/2023 03:33	WG2191776
1,3,5-Trimethylbenzene	ND		1.00	1	12/19/2023 03:33	WG2191776
Vinyl chloride	ND		1.00	1	12/19/2023 03:33	WG2191776
Xylenes, Total	ND		3.00	1	12/19/2023 03:33	WG2191776
(S) Toluene-d8	*105*		*80.0-120*		*12/19/2023 03:33*	WG2191776
(S) Toluene-d8	*104*		*80.0-120*		*12/21/2023 15:45*	WG2193189
(S) 4-Bromofluorobenzene	*100*		*77.0-126*		*12/19/2023 03:33*	WG2191776
(S) 4-Bromofluorobenzene	*101*		*77.0-126*		*12/21/2023 15:45*	WG2193189
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*12/19/2023 03:33*	WG2191776
(S) 1,2-Dichloroethane-d4	*111*		*70.0-130*		*12/21/2023 15:45*	WG2193189

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.7		1	12/15/2023 10:46	WG2189962

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	53.5		2.33	5	12/17/2023 22:15	WG2190440

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0666	1	12/19/2023 01:43	WG2191727
Acrylonitrile	ND		0.0167	1	12/19/2023 01:43	WG2191727
Benzene	ND		0.00133	1	12/19/2023 01:43	WG2191727
Bromobenzene	ND		0.0167	1	12/19/2023 01:43	WG2191727
Bromodichloromethane	ND		0.00333	1	12/19/2023 01:43	WG2191727
Bromoform	ND		0.0333	1	12/19/2023 01:43	WG2191727
Bromomethane	ND		0.0167	1	12/19/2023 01:43	WG2191727
n-Butylbenzene	ND	C3	0.0167	1	12/19/2023 01:43	WG2191727
sec-Butylbenzene	ND		0.0167	1	12/19/2023 01:43	WG2191727
tert-Butylbenzene	ND		0.00666	1	12/19/2023 01:43	WG2191727
Carbon tetrachloride	ND		0.00666	1	12/19/2023 01:43	WG2191727
Chlorobenzene	ND		0.00333	1	12/19/2023 01:43	WG2191727
Chlorodibromomethane	ND		0.00333	1	12/19/2023 01:43	WG2191727
Chloroethane	ND		0.00666	1	12/19/2023 01:43	WG2191727
Chloroform	ND		0.00333	1	12/19/2023 01:43	WG2191727
Chloromethane	ND		0.0167	1	12/19/2023 01:43	WG2191727
2-Chlorotoluene	ND		0.00333	1	12/19/2023 01:43	WG2191727
4-Chlorotoluene	ND		0.00666	1	12/19/2023 01:43	WG2191727
1,2-Dibromo-3-Chloropropane	ND		0.0333	1	12/19/2023 01:43	WG2191727
1,2-Dibromoethane	ND		0.00333	1	12/19/2023 01:43	WG2191727
Dibromomethane	ND		0.00666	1	12/19/2023 01:43	WG2191727
1,2-Dichlorobenzene	ND		0.00666	1	12/19/2023 01:43	WG2191727
1,3-Dichlorobenzene	ND		0.00666	1	12/19/2023 01:43	WG2191727
1,4-Dichlorobenzene	ND		0.00666	1	12/19/2023 01:43	WG2191727
Dichlorodifluoromethane	ND		0.00666	1	12/19/2023 01:43	WG2191727
1,1-Dichloroethane	ND		0.00333	1	12/19/2023 01:43	WG2191727
1,2-Dichloroethane	ND		0.00333	1	12/19/2023 01:43	WG2191727
1,1-Dichloroethene	ND		0.00333	1	12/19/2023 01:43	WG2191727
cis-1,2-Dichloroethene	ND		0.00333	1	12/19/2023 01:43	WG2191727
trans-1,2-Dichloroethene	ND		0.00666	1	12/19/2023 01:43	WG2191727
1,2-Dichloropropane	ND		0.00666	1	12/19/2023 01:43	WG2191727
1,1-Dichloropropene	ND		0.00333	1	12/19/2023 01:43	WG2191727
1,3-Dichloropropane	ND		0.00666	1	12/19/2023 01:43	WG2191727
cis-1,3-Dichloropropene	ND		0.00333	1	12/19/2023 01:43	WG2191727
trans-1,3-Dichloropropene	ND		0.00666	1	12/19/2023 01:43	WG2191727
2,2-Dichloropropane	ND		0.00333	1	12/19/2023 01:43	WG2191727
Di-isopropyl ether	ND	C3	0.00133	1	12/19/2023 01:43	WG2191727
Ethylbenzene	ND		0.00333	1	12/19/2023 01:43	WG2191727
Hexachloro-1,3-butadiene	ND		0.0333	1	12/19/2023 01:43	WG2191727
Isopropylbenzene	ND		0.00333	1	12/19/2023 01:43	WG2191727
p-Isopropyltoluene	ND		0.00666	1	12/19/2023 01:43	WG2191727
2-Butanone (MEK)	ND	J3	0.133	1	12/19/2023 01:43	WG2191727
Methylene Chloride	ND		0.0333	1	12/19/2023 01:43	WG2191727
4-Methyl-2-pentanone (MIBK)	ND		0.0333	1	12/19/2023 01:43	WG2191727
Methyl tert-butyl ether	ND		0.00133	1	12/19/2023 01:43	WG2191727

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	0.0368		0.0167	1	12/19/2023 01:43	WG2191727
n-Propylbenzene	ND		0.00666	1	12/19/2023 01:43	WG2191727
Styrene	ND		0.0167	1	12/19/2023 01:43	WG2191727
1,1,1,2-Tetrachloroethane	ND		0.00333	1	12/19/2023 01:43	WG2191727
1,1,2,2-Tetrachloroethane	ND		0.00333	1	12/19/2023 01:43	WG2191727
Tetrachloroethene	ND		0.00333	1	12/19/2023 01:43	WG2191727
Toluene	ND		0.00666	1	12/19/2023 01:43	WG2191727
1,2,3-Trichlorobenzene	ND	C3	0.0167	1	12/19/2023 01:43	WG2191727
1,2,4-Trichlorobenzene	ND	C3	0.0167	1	12/19/2023 01:43	WG2191727
1,1,1-Trichloroethane	ND		0.00333	1	12/19/2023 01:43	WG2191727
1,1,2-Trichloroethane	ND		0.00333	1	12/19/2023 01:43	WG2191727
Trichloroethene	ND		0.00133	1	12/19/2023 01:43	WG2191727
Trichlorofluoromethane	ND		0.00333	1	12/19/2023 01:43	WG2191727
1,2,3-Trichloropropane	ND		0.0167	1	12/19/2023 01:43	WG2191727
1,2,4-Trimethylbenzene	ND		0.00666	1	12/19/2023 01:43	WG2191727
1,3,5-Trimethylbenzene	ND		0.00666	1	12/19/2023 01:43	WG2191727
Vinyl chloride	ND		0.00333	1	12/19/2023 01:43	WG2191727
Xylenes, Total	ND		0.00866	1	12/19/2023 01:43	WG2191727
(S) Toluene-d8	*105*		*75.0-131*		*12/19/2023 01:43*	WG2191727
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*12/19/2023 01:43*	WG2191727
(S) 1,2-Dichloroethane-d4	*76.8*		*70.0-130*		*12/19/2023 01:43*	WG2191727

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.0		1	12/15/2023 10:46	WG2189962

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	21.6		2.35	5	12/17/2023 22:19	WG2190440

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0717	1.07	12/19/2023 02:03	WG2191727
Acrylonitrile	ND		0.0180	1.07	12/19/2023 02:03	WG2191727
Benzene	ND		0.00143	1.07	12/19/2023 02:03	WG2191727
Bromobenzene	ND		0.0180	1.07	12/19/2023 02:03	WG2191727
Bromodichloromethane	ND		0.00359	1.07	12/19/2023 02:03	WG2191727
Bromoform	ND		0.0359	1.07	12/19/2023 02:03	WG2191727
Bromomethane	ND		0.0180	1.07	12/19/2023 02:03	WG2191727
n-Butylbenzene	ND	C3	0.0180	1.07	12/19/2023 02:03	WG2191727
sec-Butylbenzene	ND		0.0180	1.07	12/19/2023 02:03	WG2191727
tert-Butylbenzene	ND		0.00717	1.07	12/19/2023 02:03	WG2191727
Carbon tetrachloride	ND		0.00717	1.07	12/19/2023 02:03	WG2191727
Chlorobenzene	ND		0.00359	1.07	12/19/2023 02:03	WG2191727
Chlorodibromomethane	ND		0.00359	1.07	12/19/2023 02:03	WG2191727
Chloroethane	ND		0.00717	1.07	12/19/2023 02:03	WG2191727
Chloroform	ND		0.00359	1.07	12/19/2023 02:03	WG2191727
Chloromethane	ND		0.0180	1.07	12/19/2023 02:03	WG2191727
2-Chlorotoluene	ND		0.00359	1.07	12/19/2023 02:03	WG2191727
4-Chlorotoluene	ND		0.00717	1.07	12/19/2023 02:03	WG2191727
1,2-Dibromo-3-Chloropropane	ND		0.0359	1.07	12/19/2023 02:03	WG2191727
1,2-Dibromoethane	ND		0.00359	1.07	12/19/2023 02:03	WG2191727
Dibromomethane	ND		0.00717	1.07	12/19/2023 02:03	WG2191727
1,2-Dichlorobenzene	ND		0.00717	1.07	12/19/2023 02:03	WG2191727
1,3-Dichlorobenzene	ND		0.00717	1.07	12/19/2023 02:03	WG2191727
1,4-Dichlorobenzene	ND		0.00717	1.07	12/19/2023 02:03	WG2191727
Dichlorodifluoromethane	ND		0.00717	1.07	12/19/2023 02:03	WG2191727
1,1-Dichloroethane	ND		0.00359	1.07	12/19/2023 02:03	WG2191727
1,2-Dichloroethane	ND		0.00359	1.07	12/19/2023 02:03	WG2191727
1,1-Dichloroethene	ND		0.00359	1.07	12/19/2023 02:03	WG2191727
cis-1,2-Dichloroethene	ND		0.00359	1.07	12/19/2023 02:03	WG2191727
trans-1,2-Dichloroethene	ND		0.00717	1.07	12/19/2023 02:03	WG2191727
1,2-Dichloropropane	ND		0.00717	1.07	12/19/2023 02:03	WG2191727
1,1-Dichloropropene	ND		0.00359	1.07	12/19/2023 02:03	WG2191727
1,3-Dichloropropane	ND		0.00717	1.07	12/19/2023 02:03	WG2191727
cis-1,3-Dichloropropene	ND		0.00359	1.07	12/19/2023 02:03	WG2191727
trans-1,3-Dichloropropene	ND		0.00717	1.07	12/19/2023 02:03	WG2191727
2,2-Dichloropropane	ND		0.00359	1.07	12/19/2023 02:03	WG2191727
Di-isopropyl ether	ND	C3	0.00143	1.07	12/19/2023 02:03	WG2191727
Ethylbenzene	ND		0.00359	1.07	12/19/2023 02:03	WG2191727
Hexachloro-1,3-butadiene	ND		0.0359	1.07	12/19/2023 02:03	WG2191727
Isopropylbenzene	ND		0.00359	1.07	12/19/2023 02:03	WG2191727
p-Isopropyltoluene	ND		0.00717	1.07	12/19/2023 02:03	WG2191727
2-Butanone (MEK)	ND	J3	0.143	1.07	12/19/2023 02:03	WG2191727
Methylene Chloride	ND		0.0359	1.07	12/19/2023 02:03	WG2191727
4-Methyl-2-pentanone (MIBK)	ND		0.0359	1.07	12/19/2023 02:03	WG2191727
Methyl tert-butyl ether	ND		0.00143	1.07	12/19/2023 02:03	WG2191727

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND		0.0180	1.07	12/19/2023 02:03	WG2191727
n-Propylbenzene	ND		0.00717	1.07	12/19/2023 02:03	WG2191727
Styrene	ND		0.0180	1.07	12/19/2023 02:03	WG2191727
1,1,1,2-Tetrachloroethane	ND		0.00359	1.07	12/19/2023 02:03	WG2191727
1,1,2,2-Tetrachloroethane	ND		0.00359	1.07	12/19/2023 02:03	WG2191727
Tetrachloroethene	ND		0.00359	1.07	12/19/2023 02:03	WG2191727
Toluene	ND		0.00717	1.07	12/19/2023 02:03	WG2191727
1,2,3-Trichlorobenzene	ND	C3	0.0180	1.07	12/19/2023 02:03	WG2191727
1,2,4-Trichlorobenzene	ND	C3	0.0180	1.07	12/19/2023 02:03	WG2191727
1,1,1-Trichloroethane	ND		0.00359	1.07	12/19/2023 02:03	WG2191727
1,1,2-Trichloroethane	ND		0.00359	1.07	12/19/2023 02:03	WG2191727
Trichloroethene	ND		0.00143	1.07	12/19/2023 02:03	WG2191727
Trichlorofluoromethane	ND		0.00359	1.07	12/19/2023 02:03	WG2191727
1,2,3-Trichloropropane	ND		0.0180	1.07	12/19/2023 02:03	WG2191727
1,2,4-Trimethylbenzene	ND		0.00717	1.07	12/19/2023 02:03	WG2191727
1,3,5-Trimethylbenzene	ND		0.00717	1.07	12/19/2023 02:03	WG2191727
Vinyl chloride	ND		0.00359	1.07	12/19/2023 02:03	WG2191727
Xylenes, Total	ND		0.00933	1.07	12/19/2023 02:03	WG2191727
(S) Toluene-d8	*103*		*75.0-131*		*12/19/2023 02:03*	WG2191727
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*12/19/2023 02:03*	WG2191727
(S) 1,2-Dichloroethane-d4	*79.1*		*70.0-130*		*12/19/2023 02:03*	WG2191727

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.6		1	12/15/2023 10:46	WG2189962

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	116		2.42	5	12/17/2023 22:22	WG2190440

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0713	1	12/19/2023 02:22	WG2191727
Acrylonitrile	ND		0.0178	1	12/19/2023 02:22	WG2191727
Benzene	0.00429		0.00143	1	12/19/2023 02:22	WG2191727
Bromobenzene	ND		0.0178	1	12/19/2023 02:22	WG2191727
Bromodichloromethane	ND		0.00356	1	12/19/2023 02:22	WG2191727
Bromoform	ND		0.0356	1	12/19/2023 02:22	WG2191727
Bromomethane	ND		0.0178	1	12/19/2023 02:22	WG2191727
n-Butylbenzene	ND	C3	0.0178	1	12/19/2023 02:22	WG2191727
sec-Butylbenzene	ND		0.0178	1	12/19/2023 02:22	WG2191727
tert-Butylbenzene	ND		0.00713	1	12/19/2023 02:22	WG2191727
Carbon tetrachloride	ND		0.00713	1	12/19/2023 02:22	WG2191727
Chlorobenzene	ND		0.00356	1	12/19/2023 02:22	WG2191727
Chlorodibromomethane	ND		0.00356	1	12/19/2023 02:22	WG2191727
Chloroethane	ND		0.00713	1	12/19/2023 02:22	WG2191727
Chloroform	ND		0.00356	1	12/19/2023 02:22	WG2191727
Chloromethane	ND		0.0178	1	12/19/2023 02:22	WG2191727
2-Chlorotoluene	ND		0.00356	1	12/19/2023 02:22	WG2191727
4-Chlorotoluene	ND		0.00713	1	12/19/2023 02:22	WG2191727
1,2-Dibromo-3-Chloropropane	ND		0.0356	1	12/19/2023 02:22	WG2191727
1,2-Dibromoethane	ND		0.00356	1	12/19/2023 02:22	WG2191727
Dibromomethane	ND		0.00713	1	12/19/2023 02:22	WG2191727
1,2-Dichlorobenzene	ND		0.00713	1	12/19/2023 02:22	WG2191727
1,3-Dichlorobenzene	ND		0.00713	1	12/19/2023 02:22	WG2191727
1,4-Dichlorobenzene	ND		0.00713	1	12/19/2023 02:22	WG2191727
Dichlorodifluoromethane	ND		0.00713	1	12/19/2023 02:22	WG2191727
1,1-Dichloroethane	ND		0.00356	1	12/19/2023 02:22	WG2191727
1,2-Dichloroethane	ND		0.00356	1	12/19/2023 02:22	WG2191727
1,1-Dichloroethene	ND		0.00356	1	12/19/2023 02:22	WG2191727
cis-1,2-Dichloroethene	ND		0.00356	1	12/19/2023 02:22	WG2191727
trans-1,2-Dichloroethene	ND		0.00713	1	12/19/2023 02:22	WG2191727
1,2-Dichloropropane	ND		0.00713	1	12/19/2023 02:22	WG2191727
1,1-Dichloropropene	ND		0.00356	1	12/19/2023 02:22	WG2191727
1,3-Dichloropropane	ND		0.00713	1	12/19/2023 02:22	WG2191727
cis-1,3-Dichloropropene	ND		0.00356	1	12/19/2023 02:22	WG2191727
trans-1,3-Dichloropropene	ND		0.00713	1	12/19/2023 02:22	WG2191727
2,2-Dichloropropane	ND		0.00356	1	12/19/2023 02:22	WG2191727
Di-isopropyl ether	ND	C3	0.00143	1	12/19/2023 02:22	WG2191727
Ethylbenzene	0.00378		0.00356	1	12/19/2023 02:22	WG2191727
Hexachloro-1,3-butadiene	ND		0.0356	1	12/19/2023 02:22	WG2191727
Isopropylbenzene	ND		0.00356	1	12/19/2023 02:22	WG2191727
p-Isopropyltoluene	ND		0.00713	1	12/19/2023 02:22	WG2191727
2-Butanone (MEK)	ND	J3	0.143	1	12/19/2023 02:22	WG2191727
Methylene Chloride	ND		0.0356	1	12/19/2023 02:22	WG2191727
4-Methyl-2-pentanone (MIBK)	ND		0.0356	1	12/19/2023 02:22	WG2191727
Methyl tert-butyl ether	ND		0.00143	1	12/19/2023 02:22	WG2191727

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	0.0234		0.0178	1	12/19/2023 02:22	WG2191727
n-Propylbenzene	ND		0.00713	1	12/19/2023 02:22	WG2191727
Styrene	ND		0.0178	1	12/19/2023 02:22	WG2191727
1,1,1,2-Tetrachloroethane	ND		0.00356	1	12/19/2023 02:22	WG2191727
1,1,2,2-Tetrachloroethane	ND		0.00356	1	12/19/2023 02:22	WG2191727
Tetrachloroethene	ND		0.00356	1	12/19/2023 02:22	WG2191727
Toluene	0.0393		0.00713	1	12/19/2023 02:22	WG2191727
1,2,3-Trichlorobenzene	ND	C3	0.0178	1	12/19/2023 02:22	WG2191727
1,2,4-Trichlorobenzene	ND	C3	0.0178	1	12/19/2023 02:22	WG2191727
1,1,1-Trichloroethane	ND		0.00356	1	12/19/2023 02:22	WG2191727
1,1,2-Trichloroethane	ND		0.00356	1	12/19/2023 02:22	WG2191727
Trichloroethene	ND		0.00143	1	12/19/2023 02:22	WG2191727
Trichlorofluoromethane	ND		0.00356	1	12/19/2023 02:22	WG2191727
1,2,3-Trichloropropane	ND		0.0178	1	12/19/2023 02:22	WG2191727
1,2,4-Trimethylbenzene	0.00821		0.00713	1	12/19/2023 02:22	WG2191727
1,3,5-Trimethylbenzene	ND		0.00713	1	12/19/2023 02:22	WG2191727
Vinyl chloride	ND		0.00356	1	12/19/2023 02:22	WG2191727
Xylenes, Total	0.0430		0.00926	1	12/19/2023 02:22	WG2191727
(S) Toluene-d8	*104*		*75.0-131*		*12/19/2023 02:22*	WG2191727
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*12/19/2023 02:22*	WG2191727
(S) 1,2-Dichloroethane-d4	*78.8*		*70.0-130*		*12/19/2023 02:22*	WG2191727

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.0		1	12/15/2023 10:46	WG2189962

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	142		2.33	5	12/17/2023 22:25	WG2190440

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0780	1.2	12/19/2023 02:41	WG2191727
Acrylonitrile	ND		0.0195	1.2	12/19/2023 02:41	WG2191727
Benzene	ND		0.00156	1.2	12/19/2023 02:41	WG2191727
Bromobenzene	ND		0.0195	1.2	12/19/2023 02:41	WG2191727
Bromodichloromethane	ND		0.00390	1.2	12/19/2023 02:41	WG2191727
Bromoform	ND		0.0390	1.2	12/19/2023 02:41	WG2191727
Bromomethane	ND		0.0195	1.2	12/19/2023 02:41	WG2191727
n-Butylbenzene	ND	C3	0.0195	1.2	12/19/2023 02:41	WG2191727
sec-Butylbenzene	ND		0.0195	1.2	12/19/2023 02:41	WG2191727
tert-Butylbenzene	ND		0.00780	1.2	12/19/2023 02:41	WG2191727
Carbon tetrachloride	ND		0.00780	1.2	12/19/2023 02:41	WG2191727
Chlorobenzene	ND		0.00390	1.2	12/19/2023 02:41	WG2191727
Chlorodibromomethane	ND		0.00390	1.2	12/19/2023 02:41	WG2191727
Chloroethane	ND		0.00780	1.2	12/19/2023 02:41	WG2191727
Chloroform	ND		0.00390	1.2	12/19/2023 02:41	WG2191727
Chloromethane	ND		0.0195	1.2	12/19/2023 02:41	WG2191727
2-Chlorotoluene	ND		0.00390	1.2	12/19/2023 02:41	WG2191727
4-Chlorotoluene	ND		0.00780	1.2	12/19/2023 02:41	WG2191727
1,2-Dibromo-3-Chloropropane	ND		0.0390	1.2	12/19/2023 02:41	WG2191727
1,2-Dibromoethane	ND		0.00390	1.2	12/19/2023 02:41	WG2191727
Dibromomethane	ND		0.00780	1.2	12/19/2023 02:41	WG2191727
1,2-Dichlorobenzene	ND		0.00780	1.2	12/19/2023 02:41	WG2191727
1,3-Dichlorobenzene	ND		0.00780	1.2	12/19/2023 02:41	WG2191727
1,4-Dichlorobenzene	ND		0.00780	1.2	12/19/2023 02:41	WG2191727
Dichlorodifluoromethane	ND		0.00780	1.2	12/19/2023 02:41	WG2191727
1,1-Dichloroethane	ND		0.00390	1.2	12/19/2023 02:41	WG2191727
1,2-Dichloroethane	ND		0.00390	1.2	12/19/2023 02:41	WG2191727
1,1-Dichloroethene	ND		0.00390	1.2	12/19/2023 02:41	WG2191727
cis-1,2-Dichloroethene	ND		0.00390	1.2	12/19/2023 02:41	WG2191727
trans-1,2-Dichloroethene	ND		0.00780	1.2	12/19/2023 02:41	WG2191727
1,2-Dichloropropane	ND		0.00780	1.2	12/19/2023 02:41	WG2191727
1,1-Dichloropropene	ND		0.00390	1.2	12/19/2023 02:41	WG2191727
1,3-Dichloropropane	ND		0.00780	1.2	12/19/2023 02:41	WG2191727
cis-1,3-Dichloropropene	ND		0.00390	1.2	12/19/2023 02:41	WG2191727
trans-1,3-Dichloropropene	ND		0.00780	1.2	12/19/2023 02:41	WG2191727
2,2-Dichloropropane	ND		0.00390	1.2	12/19/2023 02:41	WG2191727
Di-isopropyl ether	ND	C3	0.00156	1.2	12/19/2023 02:41	WG2191727
Ethylbenzene	ND		0.00390	1.2	12/19/2023 02:41	WG2191727
Hexachloro-1,3-butadiene	ND		0.0390	1.2	12/19/2023 02:41	WG2191727
Isopropylbenzene	ND		0.00390	1.2	12/19/2023 02:41	WG2191727
p-Isopropyltoluene	ND		0.00780	1.2	12/19/2023 02:41	WG2191727
2-Butanone (MEK)	ND	J3	0.156	1.2	12/19/2023 02:41	WG2191727
Methylene Chloride	ND		0.0390	1.2	12/19/2023 02:41	WG2191727
4-Methyl-2-pentanone (MIBK)	ND		0.0390	1.2	12/19/2023 02:41	WG2191727
Methyl tert-butyl ether	ND		0.00156	1.2	12/19/2023 02:41	WG2191727

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	0.0229		0.0195	1.2	12/19/2023 02:41	WG2191727
n-Propylbenzene	ND		0.00780	1.2	12/19/2023 02:41	WG2191727
Styrene	ND		0.0195	1.2	12/19/2023 02:41	WG2191727
1,1,1,2-Tetrachloroethane	ND		0.00390	1.2	12/19/2023 02:41	WG2191727
1,1,2,2-Tetrachloroethane	ND		0.00390	1.2	12/19/2023 02:41	WG2191727
Tetrachloroethene	0.0143	C5	0.00390	1.2	12/19/2023 02:41	WG2191727
Toluene	ND		0.00780	1.2	12/19/2023 02:41	WG2191727
1,2,3-Trichlorobenzene	ND	C3	0.0195	1.2	12/19/2023 02:41	WG2191727
1,2,4-Trichlorobenzene	ND	C3	0.0195	1.2	12/19/2023 02:41	WG2191727
1,1,1-Trichloroethane	ND		0.00390	1.2	12/19/2023 02:41	WG2191727
1,1,2-Trichloroethane	ND		0.00390	1.2	12/19/2023 02:41	WG2191727
Trichloroethene	ND		0.00156	1.2	12/19/2023 02:41	WG2191727
Trichlorofluoromethane	ND		0.00390	1.2	12/19/2023 02:41	WG2191727
1,2,3-Trichloropropane	ND		0.0195	1.2	12/19/2023 02:41	WG2191727
1,2,4-Trimethylbenzene	0.0105		0.00780	1.2	12/19/2023 02:41	WG2191727
1,3,5-Trimethylbenzene	ND		0.00780	1.2	12/19/2023 02:41	WG2191727
Vinyl chloride	ND		0.00390	1.2	12/19/2023 02:41	WG2191727
Xylenes, Total	0.0218		0.0101	1.2	12/19/2023 02:41	WG2191727
(S) Toluene-d8	*103*		*75.0-131*		*12/19/2023 02:41*	WG2191727
(S) 4-Bromofluorobenzene	*100*		*67.0-138*		*12/19/2023 02:41*	WG2191727
(S) 1,2-Dichloroethane-d4	*82.9*		*70.0-130*		*12/19/2023 02:41*	WG2191727

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.4		1	12/15/2023 10:29	WG2189964

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	37.3		2.34	5	12/17/2023 22:29	WG2190440

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0688	1.03	12/19/2023 03:00	WG2191727
Acrylonitrile	ND		0.0172	1.03	12/19/2023 03:00	WG2191727
Benzene	ND		0.00138	1.03	12/19/2023 03:00	WG2191727
Bromobenzene	ND		0.0172	1.03	12/19/2023 03:00	WG2191727
Bromodichloromethane	ND		0.00345	1.03	12/19/2023 03:00	WG2191727
Bromoform	ND		0.0345	1.03	12/19/2023 03:00	WG2191727
Bromomethane	ND		0.0172	1.03	12/19/2023 03:00	WG2191727
n-Butylbenzene	ND	C3	0.0172	1.03	12/19/2023 03:00	WG2191727
sec-Butylbenzene	ND		0.0172	1.03	12/19/2023 03:00	WG2191727
tert-Butylbenzene	ND		0.00688	1.03	12/19/2023 03:00	WG2191727
Carbon tetrachloride	ND		0.00688	1.03	12/19/2023 03:00	WG2191727
Chlorobenzene	ND		0.00345	1.03	12/19/2023 03:00	WG2191727
Chlorodibromomethane	ND		0.00345	1.03	12/19/2023 03:00	WG2191727
Chloroethane	ND		0.00688	1.03	12/19/2023 03:00	WG2191727
Chloroform	ND		0.00345	1.03	12/19/2023 03:00	WG2191727
Chloromethane	ND		0.0172	1.03	12/19/2023 03:00	WG2191727
2-Chlorotoluene	ND		0.00345	1.03	12/19/2023 03:00	WG2191727
4-Chlorotoluene	ND		0.00688	1.03	12/19/2023 03:00	WG2191727
1,2-Dibromo-3-Chloropropane	ND		0.0345	1.03	12/19/2023 03:00	WG2191727
1,2-Dibromoethane	ND		0.00345	1.03	12/19/2023 03:00	WG2191727
Dibromomethane	ND		0.00688	1.03	12/19/2023 03:00	WG2191727
1,2-Dichlorobenzene	ND		0.00688	1.03	12/19/2023 03:00	WG2191727
1,3-Dichlorobenzene	ND		0.00688	1.03	12/19/2023 03:00	WG2191727
1,4-Dichlorobenzene	ND		0.00688	1.03	12/19/2023 03:00	WG2191727
Dichlorodifluoromethane	ND		0.00688	1.03	12/19/2023 03:00	WG2191727
1,1-Dichloroethane	ND		0.00345	1.03	12/19/2023 03:00	WG2191727
1,2-Dichloroethane	ND		0.00345	1.03	12/19/2023 03:00	WG2191727
1,1-Dichloroethene	ND		0.00345	1.03	12/19/2023 03:00	WG2191727
cis-1,2-Dichloroethene	ND		0.00345	1.03	12/19/2023 03:00	WG2191727
trans-1,2-Dichloroethene	ND		0.00688	1.03	12/19/2023 03:00	WG2191727
1,2-Dichloropropane	ND		0.00688	1.03	12/19/2023 03:00	WG2191727
1,1-Dichloropropene	ND		0.00345	1.03	12/19/2023 03:00	WG2191727
1,3-Dichloropropane	ND		0.00688	1.03	12/19/2023 03:00	WG2191727
cis-1,3-Dichloropropene	ND		0.00345	1.03	12/19/2023 03:00	WG2191727
trans-1,3-Dichloropropene	ND		0.00688	1.03	12/19/2023 03:00	WG2191727
2,2-Dichloropropane	ND		0.00345	1.03	12/19/2023 03:00	WG2191727
Di-isopropyl ether	ND	C3	0.00138	1.03	12/19/2023 03:00	WG2191727
Ethylbenzene	ND		0.00345	1.03	12/19/2023 03:00	WG2191727
Hexachloro-1,3-butadiene	ND		0.0345	1.03	12/19/2023 03:00	WG2191727
Isopropylbenzene	ND		0.00345	1.03	12/19/2023 03:00	WG2191727
p-Isopropyltoluene	ND		0.00688	1.03	12/19/2023 03:00	WG2191727
2-Butanone (MEK)	ND	J3	0.138	1.03	12/19/2023 03:00	WG2191727
Methylene Chloride	ND		0.0345	1.03	12/19/2023 03:00	WG2191727
4-Methyl-2-pentanone (MIBK)	ND		0.0345	1.03	12/19/2023 03:00	WG2191727
Methyl tert-butyl ether	ND		0.00138	1.03	12/19/2023 03:00	WG2191727

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND		0.0172	1.03	12/19/2023 03:00	WG2191727
n-Propylbenzene	ND		0.00688	1.03	12/19/2023 03:00	WG2191727
Styrene	ND		0.0172	1.03	12/19/2023 03:00	WG2191727
1,1,1,2-Tetrachloroethane	ND		0.00345	1.03	12/19/2023 03:00	WG2191727
1,1,2,2-Tetrachloroethane	ND		0.00345	1.03	12/19/2023 03:00	WG2191727
Tetrachloroethene	ND		0.00345	1.03	12/19/2023 03:00	WG2191727
Toluene	ND		0.00688	1.03	12/19/2023 03:00	WG2191727
1,2,3-Trichlorobenzene	ND	C3	0.0172	1.03	12/19/2023 03:00	WG2191727
1,2,4-Trichlorobenzene	ND	C3	0.0172	1.03	12/19/2023 03:00	WG2191727
1,1,1-Trichloroethane	ND		0.00345	1.03	12/19/2023 03:00	WG2191727
1,1,2-Trichloroethane	ND		0.00345	1.03	12/19/2023 03:00	WG2191727
Trichloroethene	ND		0.00138	1.03	12/19/2023 03:00	WG2191727
Trichlorofluoromethane	ND		0.00345	1.03	12/19/2023 03:00	WG2191727
1,2,3-Trichloropropane	ND		0.0172	1.03	12/19/2023 03:00	WG2191727
1,2,4-Trimethylbenzene	ND		0.00688	1.03	12/19/2023 03:00	WG2191727
1,3,5-Trimethylbenzene	ND		0.00688	1.03	12/19/2023 03:00	WG2191727
Vinyl chloride	ND		0.00345	1.03	12/19/2023 03:00	WG2191727
Xylenes, Total	ND		0.00895	1.03	12/19/2023 03:00	WG2191727
(S) Toluene-d8	*103*		*75.0-131*		*12/19/2023 03:00*	WG2191727
(S) 4-Bromofluorobenzene	*100*		*67.0-138*		*12/19/2023 03:00*	WG2191727
(S) 1,2-Dichloroethane-d4	*79.9*		*70.0-130*		*12/19/2023 03:00*	WG2191727

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.5		1	12/15/2023 10:29	WG2189964

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	37.8		2.31	5	12/17/2023 22:41	WG2190440

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0659	1	12/19/2023 03:19	WG2191727
Acrylonitrile	ND		0.0165	1	12/19/2023 03:19	WG2191727
Benzene	ND		0.00132	1	12/19/2023 03:19	WG2191727
Bromobenzene	ND		0.0165	1	12/19/2023 03:19	WG2191727
Bromodichloromethane	ND		0.00329	1	12/19/2023 03:19	WG2191727
Bromoform	ND		0.0329	1	12/19/2023 03:19	WG2191727
Bromomethane	ND		0.0165	1	12/19/2023 03:19	WG2191727
n-Butylbenzene	ND	C3	0.0165	1	12/19/2023 03:19	WG2191727
sec-Butylbenzene	ND		0.0165	1	12/19/2023 03:19	WG2191727
tert-Butylbenzene	ND		0.00659	1	12/19/2023 03:19	WG2191727
Carbon tetrachloride	ND		0.00659	1	12/19/2023 03:19	WG2191727
Chlorobenzene	ND		0.00329	1	12/19/2023 03:19	WG2191727
Chlorodibromomethane	ND		0.00329	1	12/19/2023 03:19	WG2191727
Chloroethane	ND		0.00659	1	12/19/2023 03:19	WG2191727
Chloroform	ND		0.00329	1	12/19/2023 03:19	WG2191727
Chloromethane	ND		0.0165	1	12/19/2023 03:19	WG2191727
2-Chlorotoluene	ND		0.00329	1	12/19/2023 03:19	WG2191727
4-Chlorotoluene	ND		0.00659	1	12/19/2023 03:19	WG2191727
1,2-Dibromo-3-Chloropropane	ND		0.0329	1	12/19/2023 03:19	WG2191727
1,2-Dibromoethane	ND		0.00329	1	12/19/2023 03:19	WG2191727
Dibromomethane	ND		0.00659	1	12/19/2023 03:19	WG2191727
1,2-Dichlorobenzene	ND		0.00659	1	12/19/2023 03:19	WG2191727
1,3-Dichlorobenzene	ND		0.00659	1	12/19/2023 03:19	WG2191727
1,4-Dichlorobenzene	ND		0.00659	1	12/19/2023 03:19	WG2191727
Dichlorodifluoromethane	ND		0.00659	1	12/19/2023 03:19	WG2191727
1,1-Dichloroethane	ND		0.00329	1	12/19/2023 03:19	WG2191727
1,2-Dichloroethane	ND		0.00329	1	12/19/2023 03:19	WG2191727
1,1-Dichloroethene	ND		0.00329	1	12/19/2023 03:19	WG2191727
cis-1,2-Dichloroethene	ND		0.00329	1	12/19/2023 03:19	WG2191727
trans-1,2-Dichloroethene	ND		0.00659	1	12/19/2023 03:19	WG2191727
1,2-Dichloropropane	ND		0.00659	1	12/19/2023 03:19	WG2191727
1,1-Dichloropropene	ND		0.00329	1	12/19/2023 03:19	WG2191727
1,3-Dichloropropane	ND		0.00659	1	12/19/2023 03:19	WG2191727
cis-1,3-Dichloropropene	ND		0.00329	1	12/19/2023 03:19	WG2191727
trans-1,3-Dichloropropene	ND		0.00659	1	12/19/2023 03:19	WG2191727
2,2-Dichloropropane	ND		0.00329	1	12/19/2023 03:19	WG2191727
Di-isopropyl ether	ND	C3	0.00132	1	12/19/2023 03:19	WG2191727
Ethylbenzene	ND		0.00329	1	12/19/2023 03:19	WG2191727
Hexachloro-1,3-butadiene	ND		0.0329	1	12/19/2023 03:19	WG2191727
Isopropylbenzene	ND		0.00329	1	12/19/2023 03:19	WG2191727
p-Isopropyltoluene	ND		0.00659	1	12/19/2023 03:19	WG2191727
2-Butanone (MEK)	ND	J3	0.132	1	12/19/2023 03:19	WG2191727
Methylene Chloride	ND		0.0329	1	12/19/2023 03:19	WG2191727
4-Methyl-2-pentanone (MIBK)	ND		0.0329	1	12/19/2023 03:19	WG2191727
Methyl tert-butyl ether	ND		0.00132	1	12/19/2023 03:19	WG2191727

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND		0.0165	1	12/19/2023 03:19	WG2191727
n-Propylbenzene	ND		0.00659	1	12/19/2023 03:19	WG2191727
Styrene	ND		0.0165	1	12/19/2023 03:19	WG2191727
1,1,1,2-Tetrachloroethane	ND		0.00329	1	12/19/2023 03:19	WG2191727
1,1,2,2-Tetrachloroethane	ND		0.00329	1	12/19/2023 03:19	WG2191727
Tetrachloroethene	ND		0.00329	1	12/19/2023 03:19	WG2191727
Toluene	ND		0.00659	1	12/19/2023 03:19	WG2191727
1,2,3-Trichlorobenzene	ND	C3	0.0165	1	12/19/2023 03:19	WG2191727
1,2,4-Trichlorobenzene	ND	C3	0.0165	1	12/19/2023 03:19	WG2191727
1,1,1-Trichloroethane	ND		0.00329	1	12/19/2023 03:19	WG2191727
1,1,2-Trichloroethane	ND		0.00329	1	12/19/2023 03:19	WG2191727
Trichloroethene	ND		0.00132	1	12/19/2023 03:19	WG2191727
Trichlorofluoromethane	ND		0.00329	1	12/19/2023 03:19	WG2191727
1,2,3-Trichloropropane	ND		0.0165	1	12/19/2023 03:19	WG2191727
1,2,4-Trimethylbenzene	ND		0.00659	1	12/19/2023 03:19	WG2191727
1,3,5-Trimethylbenzene	ND		0.00659	1	12/19/2023 03:19	WG2191727
Vinyl chloride	ND		0.00329	1	12/19/2023 03:19	WG2191727
Xylenes, Total	ND		0.00856	1	12/19/2023 03:19	WG2191727
(S) Toluene-d8	*105*		*75.0-131*		*12/19/2023 03:19*	WG2191727
(S) 4-Bromofluorobenzene	*104*		*67.0-138*		*12/19/2023 03:19*	WG2191727
(S) 1,2-Dichloroethane-d4	*85.9*		*70.0-130*		*12/19/2023 03:19*	WG2191727

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.5		1	12/15/2023 10:29	WG2189964

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	164		2.49	5	12/17/2023 22:44	WG2190440

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0760	1	12/19/2023 03:38	WG2191727
Acrylonitrile	ND		0.0190	1	12/19/2023 03:38	WG2191727
Benzene	ND		0.00152	1	12/19/2023 03:38	WG2191727
Bromobenzene	ND		0.0190	1	12/19/2023 03:38	WG2191727
Bromodichloromethane	ND		0.00380	1	12/19/2023 03:38	WG2191727
Bromoform	ND		0.0380	1	12/19/2023 03:38	WG2191727
Bromomethane	ND		0.0190	1	12/19/2023 03:38	WG2191727
n-Butylbenzene	ND	C3	0.0190	1	12/19/2023 03:38	WG2191727
sec-Butylbenzene	ND		0.0190	1	12/19/2023 03:38	WG2191727
tert-Butylbenzene	ND		0.00760	1	12/19/2023 03:38	WG2191727
Carbon tetrachloride	ND		0.00760	1	12/19/2023 03:38	WG2191727
Chlorobenzene	ND		0.00380	1	12/19/2023 03:38	WG2191727
Chlorodibromomethane	ND		0.00380	1	12/19/2023 03:38	WG2191727
Chloroethane	ND		0.00760	1	12/19/2023 03:38	WG2191727
Chloroform	ND		0.00380	1	12/19/2023 03:38	WG2191727
Chloromethane	ND		0.0190	1	12/19/2023 03:38	WG2191727
2-Chlorotoluene	ND		0.00380	1	12/19/2023 03:38	WG2191727
4-Chlorotoluene	ND		0.00760	1	12/19/2023 03:38	WG2191727
1,2-Dibromo-3-Chloropropane	ND		0.0380	1	12/19/2023 03:38	WG2191727
1,2-Dibromoethane	ND		0.00380	1	12/19/2023 03:38	WG2191727
Dibromomethane	ND		0.00760	1	12/19/2023 03:38	WG2191727
1,2-Dichlorobenzene	ND		0.00760	1	12/19/2023 03:38	WG2191727
1,3-Dichlorobenzene	ND		0.00760	1	12/19/2023 03:38	WG2191727
1,4-Dichlorobenzene	ND		0.00760	1	12/19/2023 03:38	WG2191727
Dichlorodifluoromethane	ND		0.00760	1	12/19/2023 03:38	WG2191727
1,1-Dichloroethane	ND		0.00380	1	12/19/2023 03:38	WG2191727
1,2-Dichloroethane	ND		0.00380	1	12/19/2023 03:38	WG2191727
1,1-Dichloroethene	ND		0.00380	1	12/19/2023 03:38	WG2191727
cis-1,2-Dichloroethene	ND		0.00380	1	12/19/2023 03:38	WG2191727
trans-1,2-Dichloroethene	ND		0.00760	1	12/19/2023 03:38	WG2191727
1,2-Dichloropropane	ND		0.00760	1	12/19/2023 03:38	WG2191727
1,1-Dichloropropene	ND		0.00380	1	12/19/2023 03:38	WG2191727
1,3-Dichloropropane	ND		0.00760	1	12/19/2023 03:38	WG2191727
cis-1,3-Dichloropropene	ND		0.00380	1	12/19/2023 03:38	WG2191727
trans-1,3-Dichloropropene	ND		0.00760	1	12/19/2023 03:38	WG2191727
2,2-Dichloropropane	ND		0.00380	1	12/19/2023 03:38	WG2191727
Di-isopropyl ether	ND	C3	0.00152	1	12/19/2023 03:38	WG2191727
Ethylbenzene	ND		0.00380	1	12/19/2023 03:38	WG2191727
Hexachloro-1,3-butadiene	ND		0.0380	1	12/19/2023 03:38	WG2191727
Isopropylbenzene	ND		0.00380	1	12/19/2023 03:38	WG2191727
p-Isopropyltoluene	ND		0.00760	1	12/19/2023 03:38	WG2191727
2-Butanone (MEK)	ND	J3	0.152	1	12/19/2023 03:38	WG2191727
Methylene Chloride	ND		0.0380	1	12/19/2023 03:38	WG2191727
4-Methyl-2-pentanone (MIBK)	ND		0.0380	1	12/19/2023 03:38	WG2191727
Methyl tert-butyl ether	ND		0.00152	1	12/19/2023 03:38	WG2191727

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND		0.0190	1	12/19/2023 03:38	WG2191727
n-Propylbenzene	ND		0.00760	1	12/19/2023 03:38	WG2191727
Styrene	ND		0.0190	1	12/19/2023 03:38	WG2191727
1,1,1,2-Tetrachloroethane	ND		0.00380	1	12/19/2023 03:38	WG2191727
1,1,2,2-Tetrachloroethane	ND		0.00380	1	12/19/2023 03:38	WG2191727
Tetrachloroethene	ND		0.00380	1	12/19/2023 03:38	WG2191727
Toluene	ND		0.00760	1	12/19/2023 03:38	WG2191727
1,2,3-Trichlorobenzene	ND	C3	0.0190	1	12/19/2023 03:38	WG2191727
1,2,4-Trichlorobenzene	ND	C3	0.0190	1	12/19/2023 03:38	WG2191727
1,1,1-Trichloroethane	ND		0.00380	1	12/19/2023 03:38	WG2191727
1,1,2-Trichloroethane	ND		0.00380	1	12/19/2023 03:38	WG2191727
Trichloroethene	ND		0.00152	1	12/19/2023 03:38	WG2191727
Trichlorofluoromethane	ND		0.00380	1	12/19/2023 03:38	WG2191727
1,2,3-Trichloropropane	ND		0.0190	1	12/19/2023 03:38	WG2191727
1,2,4-Trimethylbenzene	ND		0.00760	1	12/19/2023 03:38	WG2191727
1,3,5-Trimethylbenzene	ND		0.00760	1	12/19/2023 03:38	WG2191727
Vinyl chloride	ND		0.00380	1	12/19/2023 03:38	WG2191727
Xylenes, Total	ND		0.00988	1	12/19/2023 03:38	WG2191727
(S) Toluene-d8	*103*		*75.0-131*		*12/19/2023 03:38*	WG2191727
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*12/19/2023 03:38*	WG2191727
(S) 1,2-Dichloroethane-d4	*80.4*		*70.0-130*		*12/19/2023 03:38*	WG2191727

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.8		1	12/15/2023 10:29	WG2189964

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	16.5		2.28	5	12/17/2023 22:47	WG2190440

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND		0.0701	1.11	12/21/2023 01:32	WG2192086
Acrylonitrile	ND		0.0176	1.11	12/21/2023 01:32	WG2192086
Benzene	ND		0.00140	1.11	12/21/2023 01:32	WG2192086
Bromobenzene	ND		0.0176	1.11	12/21/2023 01:32	WG2192086
Bromodichloromethane	ND		0.00351	1.11	12/21/2023 01:32	WG2192086
Bromoform	ND		0.0351	1.11	12/21/2023 01:32	WG2192086
Bromomethane	ND		0.0176	1.11	12/21/2023 01:32	WG2192086
n-Butylbenzene	ND		0.0176	1.11	12/21/2023 01:32	WG2192086
sec-Butylbenzene	ND		0.0176	1.11	12/21/2023 01:32	WG2192086
tert-Butylbenzene	ND		0.00701	1.11	12/21/2023 01:32	WG2192086
Carbon tetrachloride	ND		0.00701	1.11	12/21/2023 01:32	WG2192086
Chlorobenzene	ND		0.00351	1.11	12/21/2023 01:32	WG2192086
Chlorodibromomethane	ND		0.00351	1.11	12/21/2023 01:32	WG2192086
Chloroethane	ND		0.00701	1.11	12/21/2023 01:32	WG2192086
Chloroform	ND		0.00351	1.11	12/21/2023 01:32	WG2192086
Chloromethane	ND		0.0176	1.11	12/21/2023 01:32	WG2192086
2-Chlorotoluene	ND	J3	0.00351	1.11	12/21/2023 01:32	WG2192086
4-Chlorotoluene	ND		0.00701	1.11	12/21/2023 01:32	WG2192086
1,2-Dibromo-3-Chloropropane	ND		0.0351	1.11	12/21/2023 01:32	WG2192086
1,2-Dibromoethane	ND		0.00351	1.11	12/21/2023 01:32	WG2192086
Dibromomethane	ND		0.00701	1.11	12/21/2023 01:32	WG2192086
1,2-Dichlorobenzene	ND		0.00701	1.11	12/21/2023 01:32	WG2192086
1,3-Dichlorobenzene	ND		0.00701	1.11	12/21/2023 01:32	WG2192086
1,4-Dichlorobenzene	ND		0.00701	1.11	12/21/2023 01:32	WG2192086
Dichlorodifluoromethane	ND		0.00701	1.11	12/21/2023 01:32	WG2192086
1,1-Dichloroethane	ND		0.00351	1.11	12/21/2023 01:32	WG2192086
1,2-Dichloroethane	ND		0.00351	1.11	12/21/2023 01:32	WG2192086
1,1-Dichloroethene	ND		0.00351	1.11	12/21/2023 01:32	WG2192086
cis-1,2-Dichloroethene	ND		0.00351	1.11	12/21/2023 01:32	WG2192086
trans-1,2-Dichloroethene	ND		0.00701	1.11	12/21/2023 01:32	WG2192086
1,2-Dichloropropane	ND		0.00701	1.11	12/21/2023 01:32	WG2192086
1,1-Dichloropropene	ND		0.00351	1.11	12/21/2023 01:32	WG2192086
1,3-Dichloropropane	ND		0.00701	1.11	12/21/2023 01:32	WG2192086
cis-1,3-Dichloropropene	ND		0.00351	1.11	12/21/2023 01:32	WG2192086
trans-1,3-Dichloropropene	ND		0.00701	1.11	12/21/2023 01:32	WG2192086
2,2-Dichloropropane	ND		0.00351	1.11	12/21/2023 01:32	WG2192086
Di-isopropyl ether	ND		0.00140	1.11	12/21/2023 01:32	WG2192086
Ethylbenzene	ND		0.00351	1.11	12/21/2023 01:32	WG2192086
Hexachloro-1,3-butadiene	ND	J3	0.0351	1.11	12/21/2023 01:32	WG2192086
Isopropylbenzene	ND		0.00351	1.11	12/21/2023 01:32	WG2192086
p-Isopropyltoluene	0.00803		0.00701	1.11	12/21/2023 01:32	WG2192086
2-Butanone (MEK)	ND		0.140	1.11	12/21/2023 01:32	WG2192086
Methylene Chloride	ND		0.0351	1.11	12/21/2023 01:32	WG2192086
4-Methyl-2-pentanone (MIBK)	ND		0.0351	1.11	12/21/2023 01:32	WG2192086
Methyl tert-butyl ether	ND		0.00140	1.11	12/21/2023 01:32	WG2192086

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND		0.0176	1.11	12/21/2023 01:32	WG2192086
n-Propylbenzene	ND		0.00701	1.11	12/21/2023 01:32	WG2192086
Styrene	ND		0.0176	1.11	12/21/2023 01:32	WG2192086
1,1,1,2-Tetrachloroethane	ND		0.00351	1.11	12/21/2023 01:32	WG2192086
1,1,2,2-Tetrachloroethane	ND		0.00351	1.11	12/21/2023 01:32	WG2192086
Tetrachloroethene	ND		0.00351	1.11	12/21/2023 01:32	WG2192086
Toluene	ND		0.00701	1.11	12/21/2023 01:32	WG2192086
1,2,3-Trichlorobenzene	ND		0.0176	1.11	12/21/2023 01:32	WG2192086
1,2,4-Trichlorobenzene	ND	J3	0.0176	1.11	12/21/2023 01:32	WG2192086
1,1,1-Trichloroethane	ND		0.00351	1.11	12/21/2023 01:32	WG2192086
1,1,2-Trichloroethane	ND		0.00351	1.11	12/21/2023 01:32	WG2192086
Trichloroethene	ND		0.00140	1.11	12/21/2023 01:32	WG2192086
Trichlorofluoromethane	ND		0.00351	1.11	12/21/2023 01:32	WG2192086
1,2,3-Trichloropropane	ND		0.0176	1.11	12/21/2023 01:32	WG2192086
1,2,4-Trimethylbenzene	ND		0.00701	1.11	12/21/2023 01:32	WG2192086
1,3,5-Trimethylbenzene	ND		0.00701	1.11	12/21/2023 01:32	WG2192086
Vinyl chloride	ND		0.00351	1.11	12/21/2023 01:32	WG2192086
Xylenes, Total	ND		0.00913	1.11	12/21/2023 01:32	WG2192086
(S) Toluene-d8	*105*		*75.0-131*		*12/21/2023 01:32*	WG2192086
(S) 4-Bromofluorobenzene	*96.4*		*67.0-138*		*12/21/2023 01:32*	WG2192086
(S) 1,2-Dichloroethane-d4	*102*		*70.0-130*		*12/21/2023 01:32*	WG2192086

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.3		1	12/15/2023 10:29	WG2189964

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	35.8		2.35	5	12/17/2023 22:51	WG2190440

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND		0.0731	1.1	12/21/2023 01:51	WG2192086
Acrylonitrile	ND		0.0184	1.1	12/21/2023 01:51	WG2192086
Benzene	ND		0.00146	1.1	12/21/2023 01:51	WG2192086
Bromobenzene	ND		0.0184	1.1	12/21/2023 01:51	WG2192086
Bromodichloromethane	ND		0.00366	1.1	12/21/2023 01:51	WG2192086
Bromoform	ND		0.0366	1.1	12/21/2023 01:51	WG2192086
Bromomethane	ND		0.0184	1.1	12/21/2023 01:51	WG2192086
n-Butylbenzene	ND		0.0184	1.1	12/21/2023 01:51	WG2192086
sec-Butylbenzene	ND		0.0184	1.1	12/21/2023 01:51	WG2192086
tert-Butylbenzene	ND		0.00731	1.1	12/21/2023 01:51	WG2192086
Carbon tetrachloride	ND		0.00731	1.1	12/21/2023 01:51	WG2192086
Chlorobenzene	ND		0.00366	1.1	12/21/2023 01:51	WG2192086
Chlorodibromomethane	ND		0.00366	1.1	12/21/2023 01:51	WG2192086
Chloroethane	ND		0.00731	1.1	12/21/2023 01:51	WG2192086
Chloroform	ND		0.00366	1.1	12/21/2023 01:51	WG2192086
Chloromethane	ND		0.0184	1.1	12/21/2023 01:51	WG2192086
2-Chlorotoluene	ND	J3	0.00366	1.1	12/21/2023 01:51	WG2192086
4-Chlorotoluene	ND		0.00731	1.1	12/21/2023 01:51	WG2192086
1,2-Dibromo-3-Chloropropane	ND		0.0366	1.1	12/21/2023 01:51	WG2192086
1,2-Dibromoethane	ND		0.00366	1.1	12/21/2023 01:51	WG2192086
Dibromomethane	ND		0.00731	1.1	12/21/2023 01:51	WG2192086
1,2-Dichlorobenzene	ND		0.00731	1.1	12/21/2023 01:51	WG2192086
1,3-Dichlorobenzene	ND		0.00731	1.1	12/21/2023 01:51	WG2192086
1,4-Dichlorobenzene	ND		0.00731	1.1	12/21/2023 01:51	WG2192086
Dichlorodifluoromethane	ND		0.00731	1.1	12/21/2023 01:51	WG2192086
1,1-Dichloroethane	ND		0.00366	1.1	12/21/2023 01:51	WG2192086
1,2-Dichloroethane	ND		0.00366	1.1	12/21/2023 01:51	WG2192086
1,1-Dichloroethene	ND		0.00366	1.1	12/21/2023 01:51	WG2192086
cis-1,2-Dichloroethene	ND		0.00366	1.1	12/21/2023 01:51	WG2192086
trans-1,2-Dichloroethene	ND		0.00731	1.1	12/21/2023 01:51	WG2192086
1,2-Dichloropropane	ND		0.00731	1.1	12/21/2023 01:51	WG2192086
1,1-Dichloropropene	ND		0.00366	1.1	12/21/2023 01:51	WG2192086
1,3-Dichloropropane	ND		0.00731	1.1	12/21/2023 01:51	WG2192086
cis-1,3-Dichloropropene	ND		0.00366	1.1	12/21/2023 01:51	WG2192086
trans-1,3-Dichloropropene	ND		0.00731	1.1	12/21/2023 01:51	WG2192086
2,2-Dichloropropane	ND		0.00366	1.1	12/21/2023 01:51	WG2192086
Di-isopropyl ether	ND		0.00146	1.1	12/21/2023 01:51	WG2192086
Ethylbenzene	ND		0.00366	1.1	12/21/2023 01:51	WG2192086
Hexachloro-1,3-butadiene	ND	J3	0.0366	1.1	12/21/2023 01:51	WG2192086
Isopropylbenzene	ND		0.00366	1.1	12/21/2023 01:51	WG2192086
p-Isopropyltoluene	ND		0.00731	1.1	12/21/2023 01:51	WG2192086
2-Butanone (MEK)	ND		0.146	1.1	12/21/2023 01:51	WG2192086
Methylene Chloride	ND		0.0366	1.1	12/21/2023 01:51	WG2192086
4-Methyl-2-pentanone (MIBK)	ND		0.0366	1.1	12/21/2023 01:51	WG2192086
Methyl tert-butyl ether	ND		0.00146	1.1	12/21/2023 01:51	WG2192086

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND		0.0184	1.1	12/21/2023 01:51	WG2192086
n-Propylbenzene	ND		0.00731	1.1	12/21/2023 01:51	WG2192086
Styrene	ND		0.0184	1.1	12/21/2023 01:51	WG2192086
1,1,1,2-Tetrachloroethane	ND		0.00366	1.1	12/21/2023 01:51	WG2192086
1,1,2,2-Tetrachloroethane	ND		0.00366	1.1	12/21/2023 01:51	WG2192086
Tetrachloroethene	ND		0.00366	1.1	12/21/2023 01:51	WG2192086
Toluene	ND		0.00731	1.1	12/21/2023 01:51	WG2192086
1,2,3-Trichlorobenzene	ND		0.0184	1.1	12/21/2023 01:51	WG2192086
1,2,4-Trichlorobenzene	ND	J3	0.0184	1.1	12/21/2023 01:51	WG2192086
1,1,1-Trichloroethane	ND		0.00366	1.1	12/21/2023 01:51	WG2192086
1,1,2-Trichloroethane	ND		0.00366	1.1	12/21/2023 01:51	WG2192086
Trichloroethene	ND		0.00146	1.1	12/21/2023 01:51	WG2192086
Trichlorofluoromethane	ND		0.00366	1.1	12/21/2023 01:51	WG2192086
1,2,3-Trichloropropane	ND		0.0184	1.1	12/21/2023 01:51	WG2192086
1,2,4-Trimethylbenzene	ND		0.00731	1.1	12/21/2023 01:51	WG2192086
1,3,5-Trimethylbenzene	ND		0.00731	1.1	12/21/2023 01:51	WG2192086
Vinyl chloride	ND		0.00366	1.1	12/21/2023 01:51	WG2192086
Xylenes, Total	ND		0.00951	1.1	12/21/2023 01:51	WG2192086
(S) Toluene-d8	*105*		*75.0-131*		*12/21/2023 01:51*	WG2192086
(S) 4-Bromofluorobenzene	*95.2*		*67.0-138*		*12/21/2023 01:51*	WG2192086
(S) 1,2-Dichloroethane-d4	*97.8*		*70.0-130*		*12/21/2023 01:51*	WG2192086

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.8		1	12/15/2023 10:29	WG2189964

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	373		2.39	5	12/17/2023 22:54	WG2190440

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND		0.0694	1	12/21/2023 02:10	WG2192086
Acrylonitrile	ND		0.0174	1	12/21/2023 02:10	WG2192086
Benzene	ND		0.00139	1	12/21/2023 02:10	WG2192086
Bromobenzene	ND		0.0174	1	12/21/2023 02:10	WG2192086
Bromodichloromethane	ND		0.00347	1	12/21/2023 02:10	WG2192086
Bromoform	ND		0.0347	1	12/21/2023 02:10	WG2192086
Bromomethane	ND		0.0174	1	12/21/2023 02:10	WG2192086
n-Butylbenzene	ND		0.0174	1	12/21/2023 02:10	WG2192086
sec-Butylbenzene	ND		0.0174	1	12/21/2023 02:10	WG2192086
tert-Butylbenzene	ND		0.00694	1	12/21/2023 02:10	WG2192086
Carbon tetrachloride	ND		0.00694	1	12/21/2023 02:10	WG2192086
Chlorobenzene	ND		0.00347	1	12/21/2023 02:10	WG2192086
Chlorodibromomethane	ND		0.00347	1	12/21/2023 02:10	WG2192086
Chloroethane	ND		0.00694	1	12/21/2023 02:10	WG2192086
Chloroform	ND		0.00347	1	12/21/2023 02:10	WG2192086
Chloromethane	ND		0.0174	1	12/21/2023 02:10	WG2192086
2-Chlorotoluene	ND	J3	0.00347	1	12/21/2023 02:10	WG2192086
4-Chlorotoluene	ND		0.00694	1	12/21/2023 02:10	WG2192086
1,2-Dibromo-3-Chloropropane	ND		0.0347	1	12/21/2023 02:10	WG2192086
1,2-Dibromoethane	ND		0.00347	1	12/21/2023 02:10	WG2192086
Dibromomethane	ND		0.00694	1	12/21/2023 02:10	WG2192086
1,2-Dichlorobenzene	ND		0.00694	1	12/21/2023 02:10	WG2192086
1,3-Dichlorobenzene	ND		0.00694	1	12/21/2023 02:10	WG2192086
1,4-Dichlorobenzene	ND		0.00694	1	12/21/2023 02:10	WG2192086
Dichlorodifluoromethane	ND		0.00694	1	12/21/2023 02:10	WG2192086
1,1-Dichloroethane	ND		0.00347	1	12/21/2023 02:10	WG2192086
1,2-Dichloroethane	ND		0.00347	1	12/21/2023 02:10	WG2192086
1,1-Dichloroethene	ND		0.00347	1	12/21/2023 02:10	WG2192086
cis-1,2-Dichloroethene	ND		0.00347	1	12/21/2023 02:10	WG2192086
trans-1,2-Dichloroethene	ND		0.00694	1	12/21/2023 02:10	WG2192086
1,2-Dichloropropane	ND		0.00694	1	12/21/2023 02:10	WG2192086
1,1-Dichloropropene	ND		0.00347	1	12/21/2023 02:10	WG2192086
1,3-Dichloropropane	ND		0.00694	1	12/21/2023 02:10	WG2192086
cis-1,3-Dichloropropene	ND		0.00347	1	12/21/2023 02:10	WG2192086
trans-1,3-Dichloropropene	ND		0.00694	1	12/21/2023 02:10	WG2192086
2,2-Dichloropropane	ND		0.00347	1	12/21/2023 02:10	WG2192086
Di-isopropyl ether	ND		0.00139	1	12/21/2023 02:10	WG2192086
Ethylbenzene	ND		0.00347	1	12/21/2023 02:10	WG2192086
Hexachloro-1,3-butadiene	ND	J3	0.0347	1	12/21/2023 02:10	WG2192086
Isopropylbenzene	ND		0.00347	1	12/21/2023 02:10	WG2192086
p-Isopropyltoluene	ND		0.00694	1	12/21/2023 02:10	WG2192086
2-Butanone (MEK)	ND		0.139	1	12/21/2023 02:10	WG2192086
Methylene Chloride	ND		0.0347	1	12/21/2023 02:10	WG2192086
4-Methyl-2-pentanone (MIBK)	ND		0.0347	1	12/21/2023 02:10	WG2192086
Methyl tert-butyl ether	ND		0.00139	1	12/21/2023 02:10	WG2192086

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND		0.0174	1	12/21/2023 02:10	WG2192086
n-Propylbenzene	ND		0.00694	1	12/21/2023 02:10	WG2192086
Styrene	ND		0.0174	1	12/21/2023 02:10	WG2192086
1,1,1,2-Tetrachloroethane	ND		0.00347	1	12/21/2023 02:10	WG2192086
1,1,2,2-Tetrachloroethane	ND		0.00347	1	12/21/2023 02:10	WG2192086
Tetrachloroethene	ND		0.00347	1	12/21/2023 02:10	WG2192086
Toluene	ND		0.00694	1	12/21/2023 02:10	WG2192086
1,2,3-Trichlorobenzene	ND		0.0174	1	12/21/2023 02:10	WG2192086
1,2,4-Trichlorobenzene	ND	J3	0.0174	1	12/21/2023 02:10	WG2192086
1,1,1-Trichloroethane	ND		0.00347	1	12/21/2023 02:10	WG2192086
1,1,2-Trichloroethane	ND		0.00347	1	12/21/2023 02:10	WG2192086
Trichloroethene	ND		0.00139	1	12/21/2023 02:10	WG2192086
Trichlorofluoromethane	ND		0.00347	1	12/21/2023 02:10	WG2192086
1,2,3-Trichloropropane	ND		0.0174	1	12/21/2023 02:10	WG2192086
1,2,4-Trimethylbenzene	ND		0.00694	1	12/21/2023 02:10	WG2192086
1,3,5-Trimethylbenzene	ND		0.00694	1	12/21/2023 02:10	WG2192086
Vinyl chloride	ND		0.00347	1	12/21/2023 02:10	WG2192086
Xylenes, Total	ND		0.00903	1	12/21/2023 02:10	WG2192086
(S) Toluene-d8	*106*		*75.0-131*		*12/21/2023 02:10*	WG2192086
(S) 4-Bromofluorobenzene	*95.0*		*67.0-138*		*12/21/2023 02:10*	WG2192086
(S) 1,2-Dichloroethane-d4	*100*		*70.0-130*		*12/21/2023 02:10*	WG2192086

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.8		1	12/15/2023 10:29	WG2189964

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	296		2.30	5	12/17/2023 22:57	WG2190440

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND		0.0692	1.07	12/21/2023 02:29	WG2192086
Acrylonitrile	ND		0.0173	1.07	12/21/2023 02:29	WG2192086
Benzene	ND		0.00138	1.07	12/21/2023 02:29	WG2192086
Bromobenzene	ND		0.0173	1.07	12/21/2023 02:29	WG2192086
Bromodichloromethane	ND		0.00347	1.07	12/21/2023 02:29	WG2192086
Bromoform	ND		0.0347	1.07	12/21/2023 02:29	WG2192086
Bromomethane	ND		0.0173	1.07	12/21/2023 02:29	WG2192086
n-Butylbenzene	ND		0.0173	1.07	12/21/2023 02:29	WG2192086
sec-Butylbenzene	ND		0.0173	1.07	12/21/2023 02:29	WG2192086
tert-Butylbenzene	ND		0.00692	1.07	12/21/2023 02:29	WG2192086
Carbon tetrachloride	ND		0.00692	1.07	12/21/2023 02:29	WG2192086
Chlorobenzene	ND		0.00347	1.07	12/21/2023 02:29	WG2192086
Chlorodibromomethane	ND		0.00347	1.07	12/21/2023 02:29	WG2192086
Chloroethane	ND		0.00692	1.07	12/21/2023 02:29	WG2192086
Chloroform	ND		0.00347	1.07	12/21/2023 02:29	WG2192086
Chloromethane	ND		0.0173	1.07	12/21/2023 02:29	WG2192086
2-Chlorotoluene	ND	J3	0.00347	1.07	12/21/2023 02:29	WG2192086
4-Chlorotoluene	ND		0.00692	1.07	12/21/2023 02:29	WG2192086
1,2-Dibromo-3-Chloropropane	ND		0.0347	1.07	12/21/2023 02:29	WG2192086
1,2-Dibromoethane	ND		0.00347	1.07	12/21/2023 02:29	WG2192086
Dibromomethane	ND		0.00692	1.07	12/21/2023 02:29	WG2192086
1,2-Dichlorobenzene	ND		0.00692	1.07	12/21/2023 02:29	WG2192086
1,3-Dichlorobenzene	ND		0.00692	1.07	12/21/2023 02:29	WG2192086
1,4-Dichlorobenzene	ND		0.00692	1.07	12/21/2023 02:29	WG2192086
Dichlorodifluoromethane	ND		0.00692	1.07	12/21/2023 02:29	WG2192086
1,1-Dichloroethane	ND		0.00347	1.07	12/21/2023 02:29	WG2192086
1,2-Dichloroethane	ND		0.00347	1.07	12/21/2023 02:29	WG2192086
1,1-Dichloroethene	ND		0.00347	1.07	12/21/2023 02:29	WG2192086
cis-1,2-Dichloroethene	ND		0.00347	1.07	12/21/2023 02:29	WG2192086
trans-1,2-Dichloroethene	ND		0.00692	1.07	12/21/2023 02:29	WG2192086
1,2-Dichloropropane	ND		0.00692	1.07	12/21/2023 02:29	WG2192086
1,1-Dichloropropene	ND		0.00347	1.07	12/21/2023 02:29	WG2192086
1,3-Dichloropropane	ND		0.00692	1.07	12/21/2023 02:29	WG2192086
cis-1,3-Dichloropropene	ND		0.00347	1.07	12/21/2023 02:29	WG2192086
trans-1,3-Dichloropropene	ND		0.00692	1.07	12/21/2023 02:29	WG2192086
2,2-Dichloropropane	ND		0.00347	1.07	12/21/2023 02:29	WG2192086
Di-isopropyl ether	ND		0.00138	1.07	12/21/2023 02:29	WG2192086
Ethylbenzene	ND		0.00347	1.07	12/21/2023 02:29	WG2192086
Hexachloro-1,3-butadiene	ND	J3	0.0347	1.07	12/21/2023 02:29	WG2192086
Isopropylbenzene	ND		0.00347	1.07	12/21/2023 02:29	WG2192086
p-Isopropyltoluene	ND		0.00692	1.07	12/21/2023 02:29	WG2192086
2-Butanone (MEK)	ND		0.138	1.07	12/21/2023 02:29	WG2192086
Methylene Chloride	ND		0.0347	1.07	12/21/2023 02:29	WG2192086
4-Methyl-2-pentanone (MIBK)	ND		0.0347	1.07	12/21/2023 02:29	WG2192086
Methyl tert-butyl ether	ND		0.00138	1.07	12/21/2023 02:29	WG2192086

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND		0.0173	1.07	12/21/2023 02:29	WG2192086
n-Propylbenzene	ND		0.00692	1.07	12/21/2023 02:29	WG2192086
Styrene	ND		0.0173	1.07	12/21/2023 02:29	WG2192086
1,1,1,2-Tetrachloroethane	ND		0.00347	1.07	12/21/2023 02:29	WG2192086
1,1,2,2-Tetrachloroethane	ND		0.00347	1.07	12/21/2023 02:29	WG2192086
Tetrachloroethene	ND		0.00347	1.07	12/21/2023 02:29	WG2192086
Toluene	ND		0.00692	1.07	12/21/2023 02:29	WG2192086
1,2,3-Trichlorobenzene	ND		0.0173	1.07	12/21/2023 02:29	WG2192086
1,2,4-Trichlorobenzene	ND	J3	0.0173	1.07	12/21/2023 02:29	WG2192086
1,1,1-Trichloroethane	ND		0.00347	1.07	12/21/2023 02:29	WG2192086
1,1,2-Trichloroethane	ND		0.00347	1.07	12/21/2023 02:29	WG2192086
Trichloroethene	ND		0.00138	1.07	12/21/2023 02:29	WG2192086
Trichlorofluoromethane	ND		0.00347	1.07	12/21/2023 02:29	WG2192086
1,2,3-Trichloropropane	ND		0.0173	1.07	12/21/2023 02:29	WG2192086
1,2,4-Trimethylbenzene	ND		0.00692	1.07	12/21/2023 02:29	WG2192086
1,3,5-Trimethylbenzene	ND		0.00692	1.07	12/21/2023 02:29	WG2192086
Vinyl chloride	ND		0.00347	1.07	12/21/2023 02:29	WG2192086
Xylenes, Total	ND		0.00901	1.07	12/21/2023 02:29	WG2192086
(S) Toluene-d8	*105*		*75.0-131*		*12/21/2023 02:29*	WG2192086
(S) 4-Bromofluorobenzene	*98.6*		*67.0-138*		*12/21/2023 02:29*	WG2192086
(S) 1,2-Dichloroethane-d4	*98.0*		*70.0-130*		*12/21/2023 02:29*	WG2192086

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	78.7		1	12/15/2023 10:29	WG2189964

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	1290		2.54	5	12/18/2023 21:26	WG2190435

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND		0.0961	1.3	12/21/2023 02:48	WG2192086
Acrylonitrile	ND		0.0241	1.3	12/21/2023 02:48	WG2192086
Benzene	ND		0.00192	1.3	12/21/2023 02:48	WG2192086
Bromobenzene	ND		0.0241	1.3	12/21/2023 02:48	WG2192086
Bromodichloromethane	ND		0.00481	1.3	12/21/2023 02:48	WG2192086
Bromoform	ND		0.0481	1.3	12/21/2023 02:48	WG2192086
Bromomethane	ND		0.0241	1.3	12/21/2023 02:48	WG2192086
n-Butylbenzene	ND		0.0241	1.3	12/21/2023 02:48	WG2192086
sec-Butylbenzene	ND		0.0241	1.3	12/21/2023 02:48	WG2192086
tert-Butylbenzene	ND		0.00961	1.3	12/21/2023 02:48	WG2192086
Carbon tetrachloride	ND		0.00961	1.3	12/21/2023 02:48	WG2192086
Chlorobenzene	ND		0.00481	1.3	12/21/2023 02:48	WG2192086
Chlorodibromomethane	ND		0.00481	1.3	12/21/2023 02:48	WG2192086
Chloroethane	ND		0.00961	1.3	12/21/2023 02:48	WG2192086
Chloroform	ND		0.00481	1.3	12/21/2023 02:48	WG2192086
Chloromethane	ND		0.0241	1.3	12/21/2023 02:48	WG2192086
2-Chlorotoluene	ND	J3	0.00481	1.3	12/21/2023 02:48	WG2192086
4-Chlorotoluene	ND		0.00961	1.3	12/21/2023 02:48	WG2192086
1,2-Dibromo-3-Chloropropane	ND		0.0481	1.3	12/21/2023 02:48	WG2192086
1,2-Dibromoethane	ND		0.00481	1.3	12/21/2023 02:48	WG2192086
Dibromomethane	ND		0.00961	1.3	12/21/2023 02:48	WG2192086
1,2-Dichlorobenzene	ND		0.00961	1.3	12/21/2023 02:48	WG2192086
1,3-Dichlorobenzene	ND		0.00961	1.3	12/21/2023 02:48	WG2192086
1,4-Dichlorobenzene	ND		0.00961	1.3	12/21/2023 02:48	WG2192086
Dichlorodifluoromethane	ND		0.00961	1.3	12/21/2023 02:48	WG2192086
1,1-Dichloroethane	ND		0.00481	1.3	12/21/2023 02:48	WG2192086
1,2-Dichloroethane	ND		0.00481	1.3	12/21/2023 02:48	WG2192086
1,1-Dichloroethene	ND		0.00481	1.3	12/21/2023 02:48	WG2192086
cis-1,2-Dichloroethene	ND		0.00481	1.3	12/21/2023 02:48	WG2192086
trans-1,2-Dichloroethene	ND		0.00961	1.3	12/21/2023 02:48	WG2192086
1,2-Dichloropropane	ND		0.00961	1.3	12/21/2023 02:48	WG2192086
1,1-Dichloropropene	ND		0.00481	1.3	12/21/2023 02:48	WG2192086
1,3-Dichloropropane	ND		0.00961	1.3	12/21/2023 02:48	WG2192086
cis-1,3-Dichloropropene	ND		0.00481	1.3	12/21/2023 02:48	WG2192086
trans-1,3-Dichloropropene	ND		0.00961	1.3	12/21/2023 02:48	WG2192086
2,2-Dichloropropane	ND		0.00481	1.3	12/21/2023 02:48	WG2192086
Di-isopropyl ether	ND		0.00192	1.3	12/21/2023 02:48	WG2192086
Ethylbenzene	ND		0.00481	1.3	12/21/2023 02:48	WG2192086
Hexachloro-1,3-butadiene	ND	J3	0.0481	1.3	12/21/2023 02:48	WG2192086
Isopropylbenzene	ND		0.00481	1.3	12/21/2023 02:48	WG2192086
p-Isopropyltoluene	ND		0.00961	1.3	12/21/2023 02:48	WG2192086
2-Butanone (MEK)	ND		0.192	1.3	12/21/2023 02:48	WG2192086
Methylene Chloride	ND		0.0481	1.3	12/21/2023 02:48	WG2192086
4-Methyl-2-pentanone (MIBK)	ND		0.0481	1.3	12/21/2023 02:48	WG2192086
Methyl tert-butyl ether	ND		0.00192	1.3	12/21/2023 02:48	WG2192086

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	0.0368		0.0241	1.3	12/21/2023 02:48	WG2192086
n-Propylbenzene	ND		0.00961	1.3	12/21/2023 02:48	WG2192086
Styrene	ND		0.0241	1.3	12/21/2023 02:48	WG2192086
1,1,1,2-Tetrachloroethane	ND		0.00481	1.3	12/21/2023 02:48	WG2192086
1,1,2,2-Tetrachloroethane	ND		0.00481	1.3	12/21/2023 02:48	WG2192086
Tetrachloroethene	ND		0.00481	1.3	12/21/2023 02:48	WG2192086
Toluene	ND		0.00961	1.3	12/21/2023 02:48	WG2192086
1,2,3-Trichlorobenzene	ND		0.0241	1.3	12/21/2023 02:48	WG2192086
1,2,4-Trichlorobenzene	ND	J3	0.0241	1.3	12/21/2023 02:48	WG2192086
1,1,1-Trichloroethane	ND		0.00481	1.3	12/21/2023 02:48	WG2192086
1,1,2-Trichloroethane	ND		0.00481	1.3	12/21/2023 02:48	WG2192086
Trichloroethene	ND		0.00192	1.3	12/21/2023 02:48	WG2192086
Trichlorofluoromethane	ND		0.00481	1.3	12/21/2023 02:48	WG2192086
1,2,3-Trichloropropane	ND		0.0241	1.3	12/21/2023 02:48	WG2192086
1,2,4-Trimethylbenzene	ND		0.00961	1.3	12/21/2023 02:48	WG2192086
1,3,5-Trimethylbenzene	ND		0.00961	1.3	12/21/2023 02:48	WG2192086
Vinyl chloride	ND		0.00481	1.3	12/21/2023 02:48	WG2192086
Xylenes, Total	0.0142		0.0125	1.3	12/21/2023 02:48	WG2192086
(S) Toluene-d8	*104*		*75.0-131*		*12/21/2023 02:48*	WG2192086
(S) 4-Bromofluorobenzene	*97.2*		*67.0-138*		*12/21/2023 02:48*	WG2192086
(S) 1,2-Dichloroethane-d4	*99.4*		*70.0-130*		*12/21/2023 02:48*	WG2192086

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	J4	50.0	1	12/19/2023 03:53	WG2191776
Acrolein	ND		50.0	1	12/19/2023 03:53	WG2191776
Acrylonitrile	ND		10.0	1	12/21/2023 16:04	WG2193189
Benzene	ND		1.00	1	12/19/2023 03:53	WG2191776
Bromobenzene	ND		1.00	1	12/19/2023 03:53	WG2191776
Bromodichloromethane	ND		1.00	1	12/19/2023 03:53	WG2191776
Bromoform	ND		1.00	1	12/19/2023 03:53	WG2191776
Bromomethane	ND		5.00	1	12/19/2023 03:53	WG2191776
n-Butylbenzene	ND	J4	1.00	1	12/19/2023 03:53	WG2191776
sec-Butylbenzene	ND		1.00	1	12/19/2023 03:53	WG2191776
tert-Butylbenzene	ND		1.00	1	12/19/2023 03:53	WG2191776
Carbon tetrachloride	ND		1.00	1	12/19/2023 03:53	WG2191776
Chlorobenzene	ND		1.00	1	12/19/2023 03:53	WG2191776
Chlorodibromomethane	ND		1.00	1	12/19/2023 03:53	WG2191776
Chloroethane	ND		5.00	1	12/19/2023 03:53	WG2191776
Chloroform	ND		5.00	1	12/19/2023 03:53	WG2191776
Chloromethane	ND		2.50	1	12/19/2023 03:53	WG2191776
2-Chlorotoluene	ND		1.00	1	12/19/2023 03:53	WG2191776
4-Chlorotoluene	ND		1.00	1	12/19/2023 03:53	WG2191776
1,2-Dibromo-3-Chloropropane	ND		5.00	1	12/21/2023 16:04	WG2193189
1,2-Dibromoethane	ND		1.00	1	12/19/2023 03:53	WG2191776
Dibromomethane	ND		1.00	1	12/19/2023 03:53	WG2191776
1,2-Dichlorobenzene	ND		1.00	1	12/19/2023 03:53	WG2191776
1,3-Dichlorobenzene	ND		1.00	1	12/19/2023 03:53	WG2191776
1,4-Dichlorobenzene	ND		1.00	1	12/19/2023 03:53	WG2191776
Dichlorodifluoromethane	ND		5.00	1	12/19/2023 03:53	WG2191776
1,1-Dichloroethane	ND		1.00	1	12/19/2023 03:53	WG2191776
1,2-Dichloroethane	ND		1.00	1	12/19/2023 03:53	WG2191776
1,1-Dichloroethene	ND		1.00	1	12/19/2023 03:53	WG2191776
cis-1,2-Dichloroethene	ND		1.00	1	12/19/2023 03:53	WG2191776
trans-1,2-Dichloroethene	ND		1.00	1	12/19/2023 03:53	WG2191776
1,2-Dichloropropane	ND		1.00	1	12/19/2023 03:53	WG2191776
1,1-Dichloropropene	ND		1.00	1	12/19/2023 03:53	WG2191776
1,3-Dichloropropane	ND		1.00	1	12/19/2023 03:53	WG2191776
cis-1,3-Dichloropropene	ND		1.00	1	12/19/2023 03:53	WG2191776
trans-1,3-Dichloropropene	ND		1.00	1	12/19/2023 03:53	WG2191776
2,2-Dichloropropane	ND		1.00	1	12/19/2023 03:53	WG2191776
Di-isopropyl ether	ND	J4	1.00	1	12/19/2023 03:53	WG2191776
Ethylbenzene	ND		1.00	1	12/19/2023 03:53	WG2191776
Hexachloro-1,3-butadiene	ND	J4	1.00	1	12/19/2023 03:53	WG2191776
Isopropylbenzene	ND		1.00	1	12/19/2023 03:53	WG2191776
p-Isopropyltoluene	ND		1.00	1	12/19/2023 03:53	WG2191776
2-Butanone (MEK)	ND		10.0	1	12/19/2023 03:53	WG2191776
Methylene Chloride	ND		5.00	1	12/19/2023 03:53	WG2191776
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	12/19/2023 03:53	WG2191776
Methyl tert-butyl ether	ND		1.00	1	12/19/2023 03:53	WG2191776
Naphthalene	ND	C3	5.00	1	12/21/2023 16:04	WG2193189
n-Propylbenzene	ND		1.00	1	12/19/2023 03:53	WG2191776
Styrene	ND		1.00	1	12/19/2023 03:53	WG2191776
1,1,1,2-Tetrachloroethane	ND		1.00	1	12/19/2023 03:53	WG2191776
1,1,2,2-Tetrachloroethane	ND		1.00	1	12/21/2023 16:04	WG2193189
Tetrachloroethene	ND		1.00	1	12/19/2023 03:53	WG2191776
Toluene	ND		1.00	1	12/19/2023 03:53	WG2191776
1,2,3-Trichlorobenzene	ND		1.00	1	12/19/2023 03:53	WG2191776
1,2,4-Trichlorobenzene	ND		1.00	1	12/19/2023 03:53	WG2191776
1,1,1-Trichloroethane	ND		1.00	1	12/19/2023 03:53	WG2191776

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	ND		1.00	1	12/19/2023 03:53	WG2191776
Trichloroethene	ND		1.00	1	12/21/2023 16:04	WG2193189
Trichlorofluoromethane	ND		5.00	1	12/19/2023 03:53	WG2191776
1,2,3-Trichloropropane	ND		2.50	1	12/21/2023 16:04	WG2193189
1,2,4-Trimethylbenzene	ND		1.00	1	12/19/2023 03:53	WG2191776
1,3,5-Trimethylbenzene	ND		1.00	1	12/19/2023 03:53	WG2191776
Vinyl chloride	ND		1.00	1	12/19/2023 03:53	WG2191776
Xylenes, Total	ND		3.00	1	12/19/2023 03:53	WG2191776
(S) Toluene-d8	*106*		*80.0-120*		*12/19/2023 03:53*	WG2191776
(S) Toluene-d8	*101*		*80.0-120*		*12/21/2023 16:04*	WG2193189
(S) 4-Bromofluorobenzene	*101*		*77.0-126*		*12/19/2023 03:53*	WG2191776
(S) 4-Bromofluorobenzene	*97.5*		*77.0-126*		*12/21/2023 16:04*	WG2193189
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*12/19/2023 03:53*	WG2191776
(S) 1,2-Dichloroethane-d4	*107*		*70.0-130*		*12/21/2023 16:04*	WG2193189

Method Blank (MB)

(MB) R4015740-1 12/21/23 18:05

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00200			

L1687951-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1687951-03 12/21/23 18:05 • (DUP) R4015740-3 12/21/23 18:05

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	85.8	87.9	1	2.42		10

Laboratory Control Sample (LCS)

(LCS) R4015740-2 12/21/23 18:05

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	90.0-110	

Method Blank (MB)

(MB) R4013294-1 12/15/23 10:46

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1688014-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1688014-04 12/15/23 10:46 • (DUP) R4013294-3 12/15/23 10:46

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	82.0	80.8	1	1.48		10

Laboratory Control Sample (LCS)

(LCS) R4013294-2 12/15/23 10:46

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	90.0-110	

Method Blank (MB)

(MB) R4013293-1 12/15/23 10:29

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00400			

L1688014-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1688014-15 12/15/23 10:29 • (DUP) R4013293-3 12/15/23 10:29

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	85.4	86.5	1	1.18		10

Laboratory Control Sample (LCS)

(LCS) R4013293-2 12/15/23 10:29

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	90.0-110	

Method Blank (MB)

(MB) R4014046-1 12/18/23 21:02

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Lead	0.489	J	0.0990	2.00

Laboratory Control Sample (LCS)

(LCS) R4014046-2 12/18/23 21:06

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	100	101	101	80.0-120	

L1688113-15 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1688113-15 12/18/23 21:09 • (MS) R4014046-5 12/18/23 21:19 • (MSD) R4014046-6 12/18/23 21:22

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	100	11.1	94.8	102	83.6	91.2	5	75.0-125			7.70	20

Method Blank (MB)

(MB) R4013576-1 12/17/23 21:18

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Lead	U		0.0990	2.00

Laboratory Control Sample (LCS)

(LCS) R4013576-2 12/17/23 21:21

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	100	96.7	96.7	80.0-120	

L1688014-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1688014-04 12/17/23 21:24 • (MS) R4013576-5 12/17/23 21:34 • (MSD) R4013576-6 12/17/23 21:38

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	122	120	205	183	70.0	51.9	5	75.0-125	J6	J6	11.4	20

Method Blank (MB)

(MB) R4014130-3 12/18/23 20:04

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	U		0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00500
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R4014130-3 12/18/23 20:04

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*103*			*75.0-131*
(S) 4-Bromofluorobenzene	*99.4*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*76.3*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4014130-1 12/18/23 18:28 • (LCSD) R4014130-2 12/18/23 18:47

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.292	0.328	46.7	52.5	10.0-160			11.6	31
Acrylonitrile	0.625	0.523	0.513	83.7	82.1	45.0-153			1.93	22
Benzene	0.125	0.121	0.124	96.8	99.2	70.0-123			2.45	20
Bromobenzene	0.125	0.135	0.141	108	113	73.0-121			4.35	20
Bromodichloromethane	0.125	0.122	0.125	97.6	100	73.0-121			2.43	20
Bromoform	0.125	0.127	0.131	102	105	64.0-132			3.10	20
Bromomethane	0.125	0.132	0.125	106	100	56.0-147			5.45	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4014130-1 12/18/23 18:28 • (LCSD) R4014130-2 12/18/23 18:47

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
n-Butylbenzene	0.125	0.0967	0.112	77.4	89.6	68.0-135			14.7	20
sec-Butylbenzene	0.125	0.111	0.125	88.8	100	74.0-130			11.9	20
tert-Butylbenzene	0.125	0.118	0.133	94.4	106	75.0-127			12.0	20
Carbon tetrachloride	0.125	0.118	0.139	94.4	111	66.0-128			16.3	20
Chlorobenzene	0.125	0.139	0.142	111	114	76.0-128			2.14	20
Chlorodibromomethane	0.125	0.131	0.135	105	108	74.0-127			3.01	20
Chloroethane	0.125	0.128	0.124	102	99.2	61.0-134			3.17	20
Chloroform	0.125	0.115	0.118	92.0	94.4	72.0-123			2.58	20
Chloromethane	0.125	0.106	0.108	84.8	86.4	51.0-138			1.87	20
2-Chlorotoluene	0.125	0.121	0.126	96.8	101	75.0-124			4.05	20
4-Chlorotoluene	0.125	0.117	0.124	93.6	99.2	75.0-124			5.81	20
1,2-Dibromo-3-Chloropropane	0.125	0.116	0.120	92.8	96.0	59.0-130			3.39	20
1,2-Dibromoethane	0.125	0.135	0.140	108	112	74.0-128			3.64	20
Dibromomethane	0.125	0.115	0.120	92.0	96.0	75.0-122			4.26	20
1,2-Dichlorobenzene	0.125	0.122	0.122	97.6	97.6	76.0-124			0.000	20
1,3-Dichlorobenzene	0.125	0.123	0.125	98.4	100	76.0-125			1.61	20
1,4-Dichlorobenzene	0.125	0.122	0.126	97.6	101	77.0-121			3.23	20
Dichlorodifluoromethane	0.125	0.117	0.130	93.6	104	43.0-156			10.5	20
1,1-Dichloroethane	0.125	0.112	0.114	89.6	91.2	70.0-127			1.77	20
1,2-Dichloroethane	0.125	0.105	0.107	84.0	85.6	65.0-131			1.89	20
1,1-Dichloroethene	0.125	0.107	0.114	85.6	91.2	65.0-131			6.33	20
cis-1,2-Dichloroethene	0.125	0.128	0.127	102	102	73.0-125			0.784	20
trans-1,2-Dichloroethene	0.125	0.128	0.129	102	103	71.0-125			0.778	20
1,2-Dichloropropane	0.125	0.125	0.131	100	105	74.0-125			4.69	20
1,1-Dichloropropene	0.125	0.119	0.129	95.2	103	73.0-125			8.06	20
1,3-Dichloropropane	0.125	0.130	0.139	104	111	80.0-125			6.69	20
cis-1,3-Dichloropropene	0.125	0.121	0.131	96.8	105	76.0-127			7.94	20
trans-1,3-Dichloropropene	0.125	0.119	0.130	95.2	104	73.0-127			8.84	20
2,2-Dichloropropane	0.125	0.0996	0.114	79.7	91.2	59.0-135			13.5	20
Di-isopropyl ether	0.125	0.0992	0.0990	79.4	79.2	60.0-136			0.202	20
Ethylbenzene	0.125	0.135	0.139	108	111	74.0-126			2.92	20
Hexachloro-1,3-butadiene	0.125	0.128	0.143	102	114	57.0-150			11.1	20
Isopropylbenzene	0.125	0.131	0.133	105	106	72.0-127			1.52	20
p-Isopropyltoluene	0.125	0.112	0.125	89.6	100	72.0-133			11.0	20
2-Butanone (MEK)	0.625	0.712	0.422	114	67.5	30.0-160		J3	51.1	24
Methylene Chloride	0.125	0.115	0.113	92.0	90.4	68.0-123			1.75	20
4-Methyl-2-pentanone (MIBK)	0.625	0.561	0.581	89.8	93.0	56.0-143			3.50	20
Methyl tert-butyl ether	0.125	0.113	0.114	90.4	91.2	66.0-132			0.881	20
Naphthalene	0.125	0.104	0.0984	83.2	78.7	59.0-130			5.53	20
n-Propylbenzene	0.125	0.115	0.127	92.0	102	74.0-126			9.92	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4014130-1 12/18/23 18:28 • (LCSD) R4014130-2 12/18/23 18:47

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Styrene	0.125	0.127	0.126	102	101	72.0-127			0.791	20
1,1,1,2-Tetrachloroethane	0.125	0.132	0.137	106	110	74.0-129			3.72	20
1,1,2,2-Tetrachloroethane	0.125	0.116	0.130	92.8	104	68.0-128			11.4	20
Tetrachloroethene	0.125	0.152	0.159	122	127	70.0-136			4.50	20
Toluene	0.125	0.137	0.142	110	114	75.0-121			3.58	20
1,2,3-Trichlorobenzene	0.125	0.0937	0.0933	75.0	74.6	59.0-139			0.428	20
1,2,4-Trichlorobenzene	0.125	0.0962	0.0998	77.0	79.8	62.0-137			3.67	20
1,1,1-Trichloroethane	0.125	0.106	0.121	84.8	96.8	69.0-126			13.2	20
1,1,2-Trichloroethane	0.125	0.142	0.149	114	119	78.0-123			4.81	20
Trichloroethene	0.125	0.139	0.139	111	111	76.0-126			0.000	20
Trichlorofluoromethane	0.125	0.108	0.125	86.4	100	61.0-142			14.6	20
1,2,3-Trichloropropane	0.125	0.131	0.140	105	112	67.0-129			6.64	20
1,2,4-Trimethylbenzene	0.125	0.112	0.118	89.6	94.4	70.0-126			5.22	20
1,3,5-Trimethylbenzene	0.125	0.115	0.122	92.0	97.6	73.0-127			5.91	20
Vinyl chloride	0.125	0.113	0.119	90.4	95.2	63.0-134			5.17	20
Xylenes, Total	0.375	0.399	0.408	106	109	72.0-127			2.23	20
(S) Toluene-d8				*104*	*105*	*75.0-131*				
(S) 4-Bromofluorobenzene				*98.0*	*96.1*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*80.3*	*80.2*	*70.0-130*				

Method Blank (MB)

(MB) R4015239-3 12/21/23 00:16

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	0.00128	J	0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00500
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R4015239-3 12/21/23 00:16

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	0.00988	J	0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*105*			*75.0-131*
(S) 4-Bromofluorobenzene	*98.1*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4015239-1 12/20/23 22:40 • (LCSD) R4015239-2 12/20/23 22:59

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.869	0.664	139	106	10.0-160			26.7	31
Acrylonitrile	0.625	0.741	0.732	119	117	45.0-153			1.22	22
Benzene	0.125	0.126	0.128	101	102	70.0-123			1.57	20
Bromobenzene	0.125	0.114	0.134	91.2	107	73.0-121			16.1	20
Bromodichloromethane	0.125	0.128	0.132	102	106	73.0-121			3.08	20
Bromoform	0.125	0.120	0.117	96.0	93.6	64.0-132			2.53	20
Bromomethane	0.125	0.127	0.142	102	114	56.0-147			11.2	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4015239-1 12/20/23 22:40 • (LCSD) R4015239-2 12/20/23 22:59

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
n-Butylbenzene	0.125	0.120	0.121	96.0	96.8	68.0-135			0.830	20
sec-Butylbenzene	0.125	0.117	0.140	93.6	112	74.0-130			17.9	20
tert-Butylbenzene	0.125	0.120	0.143	96.0	114	75.0-127			17.5	20
Carbon tetrachloride	0.125	0.133	0.130	106	104	66.0-128			2.28	20
Chlorobenzene	0.125	0.117	0.125	93.6	100	76.0-128			6.61	20
Chlorodibromomethane	0.125	0.118	0.122	94.4	97.6	74.0-127			3.33	20
Chloroethane	0.125	0.135	0.144	108	115	61.0-134			6.45	20
Chloroform	0.125	0.117	0.121	93.6	96.8	72.0-123			3.36	20
Chloromethane	0.125	0.131	0.137	105	110	51.0-138			4.48	20
2-Chlorotoluene	0.125	0.103	0.129	82.4	103	75.0-124		J3	22.4	20
4-Chlorotoluene	0.125	0.118	0.139	94.4	111	75.0-124			16.3	20
1,2-Dibromo-3-Chloropropane	0.125	0.132	0.124	106	99.2	59.0-130			6.25	20
1,2-Dibromoethane	0.125	0.114	0.119	91.2	95.2	74.0-128			4.29	20
Dibromomethane	0.125	0.119	0.121	95.2	96.8	75.0-122			1.67	20
1,2-Dichlorobenzene	0.125	0.117	0.124	93.6	99.2	76.0-124			5.81	20
1,3-Dichlorobenzene	0.125	0.111	0.124	88.8	99.2	76.0-125			11.1	20
1,4-Dichlorobenzene	0.125	0.116	0.126	92.8	101	77.0-121			8.26	20
Dichlorodifluoromethane	0.125	0.165	0.163	132	130	43.0-156			1.22	20
1,1-Dichloroethane	0.125	0.127	0.130	102	104	70.0-127			2.33	20
1,2-Dichloroethane	0.125	0.122	0.123	97.6	98.4	65.0-131			0.816	20
1,1-Dichloroethene	0.125	0.131	0.141	105	113	65.0-131			7.35	20
cis-1,2-Dichloroethene	0.125	0.125	0.133	100	106	73.0-125			6.20	20
trans-1,2-Dichloroethene	0.125	0.131	0.138	105	110	71.0-125			5.20	20
1,2-Dichloropropane	0.125	0.116	0.123	92.8	98.4	74.0-125			5.86	20
1,1-Dichloropropene	0.125	0.132	0.136	106	109	73.0-125			2.99	20
1,3-Dichloropropane	0.125	0.119	0.128	95.2	102	80.0-125			7.29	20
cis-1,3-Dichloropropene	0.125	0.122	0.127	97.6	102	76.0-127			4.02	20
trans-1,3-Dichloropropene	0.125	0.119	0.126	95.2	101	73.0-127			5.71	20
2,2-Dichloropropane	0.125	0.151	0.148	121	118	59.0-135			2.01	20
Di-isopropyl ether	0.125	0.121	0.128	96.8	102	60.0-136			5.62	20
Ethylbenzene	0.125	0.120	0.125	96.0	100	74.0-126			4.08	20
Hexachloro-1,3-butadiene	0.125	0.156	0.118	125	94.4	57.0-150		J3	27.7	20
Isopropylbenzene	0.125	0.123	0.127	98.4	102	72.0-127			3.20	20
p-Isopropyltoluene	0.125	0.125	0.140	100	112	72.0-133			11.3	20
2-Butanone (MEK)	0.625	0.676	0.709	108	113	30.0-160			4.77	24
Methylene Chloride	0.125	0.119	0.125	95.2	100	68.0-123			4.92	20
4-Methyl-2-pentanone (MIBK)	0.625	0.674	0.693	108	111	56.0-143			2.78	20
Methyl tert-butyl ether	0.125	0.127	0.131	102	105	66.0-132			3.10	20
Naphthalene	0.125	0.118	0.107	94.4	85.6	59.0-130			9.78	20
n-Propylbenzene	0.125	0.124	0.147	99.2	118	74.0-126			17.0	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4015239-1 12/20/23 22:40 • (LCSD) R4015239-2 12/20/23 22:59

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Styrene	0.125	0.118	0.120	94.4	96.0	72.0-127			1.68	20
1,1,1,2-Tetrachloroethane	0.125	0.120	0.126	96.0	101	74.0-129			4.88	20
1,1,2,2-Tetrachloroethane	0.125	0.121	0.133	96.8	106	68.0-128			9.45	20
Tetrachloroethene	0.125	0.117	0.126	93.6	101	70.0-136			7.41	20
Toluene	0.125	0.126	0.132	101	106	75.0-121			4.65	20
1,2,3-Trichlorobenzene	0.125	0.111	0.0943	88.8	75.4	59.0-139			16.3	20
1,2,4-Trichlorobenzene	0.125	0.130	0.105	104	84.0	62.0-137		J3	21.3	20
1,1,1-Trichloroethane	0.125	0.131	0.132	105	106	69.0-126			0.760	20
1,1,2-Trichloroethane	0.125	0.114	0.119	91.2	95.2	78.0-123			4.29	20
Trichloroethene	0.125	0.124	0.131	99.2	105	76.0-126			5.49	20
Trichlorofluoromethane	0.125	0.152	0.149	122	119	61.0-142			1.99	20
1,2,3-Trichloropropane	0.125	0.119	0.132	95.2	106	67.0-129			10.4	20
1,2,4-Trimethylbenzene	0.125	0.114	0.130	91.2	104	70.0-126			13.1	20
1,3,5-Trimethylbenzene	0.125	0.118	0.138	94.4	110	73.0-127			15.6	20
Vinyl chloride	0.125	0.136	0.137	109	110	63.0-134			0.733	20
Xylenes, Total	0.375	0.377	0.392	101	105	72.0-127			3.90	20
(S) Toluene-d8				*99.8*	*102*	*75.0-131*				
(S) 4-Bromofluorobenzene				*102*	*96.0*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*110*	*108*	*70.0-130*				

Method Blank (MB)

(MB) R4014819-2 12/19/23 03:12

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	0.234	J	0.111	5.00
Chloromethane	U		0.960	2.50
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	0.126	J	0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00

Method Blank (MB)

(MB) R4014819-2 12/19/23 03:12

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,4-Trimethylbenzene	U		0.322	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*106*			*80.0-120*
(S) 4-Bromofluorobenzene	*101*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4014819-1 12/19/23 02:11

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	44.5	178	19.0-160	J4
Acrolein	25.0	36.4	146	10.0-160	
Benzene	5.00	5.24	105	70.0-123	
Bromobenzene	5.00	5.12	102	73.0-121	
Bromodichloromethane	5.00	5.37	107	75.0-120	
Bromoform	5.00	4.41	88.2	68.0-132	
Bromomethane	5.00	4.65	93.0	10.0-160	
n-Butylbenzene	5.00	6.54	131	73.0-125	J4
sec-Butylbenzene	5.00	5.75	115	75.0-125	
tert-Butylbenzene	5.00	5.60	112	76.0-124	
Carbon tetrachloride	5.00	5.13	103	68.0-126	
Chlorobenzene	5.00	5.97	119	80.0-121	

Laboratory Control Sample (LCS)

(LCS) R4014819-1 12/19/23 02:11

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chlorodibromomethane	5.00	4.88	97.6	77.0-125	
Chloroethane	5.00	5.11	102	47.0-150	
Chloroform	5.00	5.58	112	73.0-120	
Chloromethane	5.00	6.49	130	41.0-142	
2-Chlorotoluene	5.00	5.40	108	76.0-123	
4-Chlorotoluene	5.00	5.22	104	75.0-122	
1,2-Dibromoethane	5.00	4.47	89.4	80.0-122	
Dibromomethane	5.00	4.82	96.4	80.0-120	
1,2-Dichlorobenzene	5.00	5.59	112	79.0-121	
1,3-Dichlorobenzene	5.00	5.84	117	79.0-120	
1,4-Dichlorobenzene	5.00	5.71	114	79.0-120	
Dichlorodifluoromethane	5.00	5.56	111	51.0-149	
1,1-Dichloroethane	5.00	5.66	113	70.0-126	
1,2-Dichloroethane	5.00	5.55	111	70.0-128	
1,1-Dichloroethene	5.00	4.98	99.6	71.0-124	
cis-1,2-Dichloroethene	5.00	5.54	111	73.0-120	
trans-1,2-Dichloroethene	5.00	5.01	100	73.0-120	
1,2-Dichloropropane	5.00	5.23	105	77.0-125	
1,1-Dichloropropene	5.00	5.39	108	74.0-126	
1,3-Dichloropropane	5.00	4.83	96.6	80.0-120	
cis-1,3-Dichloropropene	5.00	4.92	98.4	80.0-123	
trans-1,3-Dichloropropene	5.00	4.71	94.2	78.0-124	
2,2-Dichloropropane	5.00	4.70	94.0	58.0-130	
Di-isopropyl ether	5.00	7.15	143	58.0-138	J4
Ethylbenzene	5.00	5.74	115	79.0-123	
Hexachloro-1,3-butadiene	5.00	7.38	148	54.0-138	J4
Isopropylbenzene	5.00	5.99	120	76.0-127	
p-Isopropyltoluene	5.00	5.89	118	76.0-125	
2-Butanone (MEK)	25.0	25.5	102	44.0-160	
Methylene Chloride	5.00	4.69	93.8	67.0-120	
4-Methyl-2-pentanone (MIBK)	25.0	26.8	107	68.0-142	
Methyl tert-butyl ether	5.00	4.46	89.2	68.0-125	
n-Propylbenzene	5.00	5.18	104	77.0-124	
Styrene	5.00	5.55	111	73.0-130	
1,1,1,2-Tetrachloroethane	5.00	6.01	120	75.0-125	
Tetrachloroethene	5.00	5.84	117	72.0-132	
Toluene	5.00	5.54	111	79.0-120	
1,2,3-Trichlorobenzene	5.00	6.17	123	50.0-138	
1,2,4-Trichlorobenzene	5.00	6.46	129	57.0-137	
1,1,1-Trichloroethane	5.00	5.45	109	73.0-124	

Laboratory Control Sample (LCS)

(LCS) R4014819-1 12/19/23 02:11

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
1,1,2-Trichloroethane	5.00	4.71	94.2	80.0-120	
Trichlorofluoromethane	5.00	6.15	123	59.0-147	
1,2,4-Trimethylbenzene	5.00	5.49	110	76.0-121	
1,3,5-Trimethylbenzene	5.00	5.55	111	76.0-122	
Vinyl chloride	5.00	5.00	100	67.0-131	
Xylenes, Total	15.0	17.0	113	79.0-123	
(S) Toluene-d8			*102*	*80.0-120*	
(S) 4-Bromofluorobenzene			*102*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*104*	*70.0-130*	

Method Blank (MB)

(MB) R4015744-2 12/21/23 13:38

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acrylonitrile	U		0.671	10.0
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
Naphthalene	U		1.00	5.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
Trichloroethene	U		0.190	1.00
1,2,3-Trichloropropane	U		0.237	2.50
(S) Toluene-d8	*103*			*80.0-120*
(S) 4-Bromofluorobenzene	*103*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4015744-1 12/21/23 12:42 • (LCSD) R4015744-3 12/21/23 14:26

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acrylonitrile	25.0	24.3	26.8	97.2	107	55.0-149			9.78	20
1,2-Dibromo-3-Chloropropane	5.00	4.49	4.91	89.8	98.2	58.0-134			8.94	20
Naphthalene	5.00	3.74	3.95	74.8	79.0	54.0-135			5.46	20
1,1,2,2-Tetrachloroethane	5.00	4.54	5.01	90.8	100	65.0-130			9.84	20
Trichloroethene	5.00	4.73	5.13	94.6	103	78.0-124			8.11	20
1,2,3-Trichloropropane	5.00	4.83	5.22	96.6	104	73.0-130			7.76	20
(S) Toluene-d8				*98.1*	*97.0*	*80.0-120*				
(S) 4-Bromofluorobenzene				*104*	*103*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*116*	*108*	*70.0-130*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C5	The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
S&ME Inc. - Raleigh NC
3201 Spring Forest Road
Raleigh, NC 27616

Billing Information:
Accounts Payable
3201 Spring Forest Rd.
(smeinc_invoice@concursolution

Pres Chk

Report to:
Mr. Jerry Paul

Email To: **jpaul@smeinc.com**

Project Description: **Walltown Park**
City/State Collected: Durham, NC
Please Circle: PT MT CT ET

Phone: **919-872-2660**
Client Project #
Lab Project # **SMERLNC-WALLTOWN**

Collected by (print): Chelsea Parra
Site/Facility ID #
P.O. #

Collected by (signature): CP
Quote #

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Immediately Packed on Ice N ___ Y ✓

Chain of Custody Page ___ of ___

Pace PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1688014
F164
Acctnum: **SMERLNC**
Template: **T243420**
Prelogin: **P1043311**
PM: **034 - Craig Cothron**
PB:
Shipped Via: **FedEX Ground**

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PBG 2ozClr-NoPres	SPLP/TCLP HOLD 4ozClr-NoPres	TS 4ozClr-NoPres	V8260 40mlAmb-HCl-Blk	V8260 40mlAmb/MeOH10ml/Syr						Remarks	Sample # (lab only)
824-SB-01	C	SS	(0-1)	12/13/23	0930	4	X	X	X		X							-01
824-SB-02	↓	SS	↓	↓	0955	4	X	X	X		X							-02
824-SB-03		SS			1005	4	X	X	X		X							-03
824-SB-04		SS			1040	4	X	X	X		X							-04
824-SB-05		SS			1045	4	X	X	X		X							-05
824-SB-06		SS			1050	4	X	X	X		X							-06
824-SB-07		SS			1115	4	X	X	X		X							-07
824-SB-08		SS			1120	4	X	X	X		X							-08
~~824-SB~~ DUP-SB		SS			—	4	X	X	X		X							-09
Trip Blank		~~SS~~ GW				~~4~~ 1	~~X~~	~~X~~	~~X~~	X	~~X~~							-10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other__________

Remarks: SPLP / TCLP on Hold

pH ______ Temp ______
Flow ______ Other ______

Samples returned via:
__ UPS __ FedEx __ Courier ______

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: ✓Y __N
RAD Screen <0.5 mR/hr: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
CP	12/13/23	1630		2	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: DP48 °C .9+0=.9 Bottles Received: 84	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Christopher L. Gallen	Date: 12/14/23 Time: 0900	Hold: Condition: NCF / OK

Company Name/Address:

S&ME Inc. - Raleigh NC

3201 Spring Forest Road
Raleigh, NC 27616

Billing Information:

Accounts Payable
3201 Spring Forest Rd.

(smeinc_invoice@concursolution

Pres Chk

Report to: **Mr. Jerry Paul**

Email To: **jpaul@smeinc.com**

Project Description: **Walltown Park**

City/State Collected: Durham, NC

Please Circle: PT MT CT (ET)

Phone: **919-872-2660**

Client Project #

Lab Project # **SMERLNC-WALLTOWN**

Collected by (print): Chelsea Parra

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Quote #

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

Pace
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MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1688014

Table #

Acctnum: **SMERLNC**
Template: **T243420**
Prelogin: **P1043311**
PM: **034 - Craig Cothron**
PB:

Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PBG 2ozClr-NoPres	SPLP/TCLP HOLD 4ozClr-NoPres	TS 4ozClr-NoPres	V8260 40mlAmb-HCl-Blk	V8260 40mlAmb/MeOH10ml/Syr	Remarks	Sample # (lab only)
824-SB-09	C	SS	(0-1)	12/13/23	1140	4	X	X	X		X		-11
824-SB-10		SS			1145	4	X	X	X		X		-12
~~TRIP BLANK~~ 824-SB-11		GW			1345	~~1~~ 4	X	X	X	~~X~~	X		-13
~~TRIP BLANK~~ 824-SB-12		GW			1350	~~1~~ 4	X	X	X	X	X		-14
~~TRIP BLANK~~ 824-SB-13		GW			1455	~~1~~ 4	X	X	X	X	X		-15
824-SB-14		SS			1525	4	X	X	X		X		-16
824-SB-15		SS			~~1405~~ 1420	4	X	X	X		X		-17
824-SB-16		SS			~~1410~~ 1405	4	X	X	X		X		-18
824-SB-17		SS			~~1500~~ 1410	4	X	X	X		X		-19
824-SB-18		~~SS~~ SS			1500	4	X	X	X		X		-20

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: SPLP/TCLP on hold

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist

COC Seal Present/Intact:	__NP	__N
COC Signed/Accurate:	Y	__N
Bottles arrive intact:	Y	__N
Correct bottles used:	Y	__N
Sufficient volume sent:	Y	__N
If Applicable		
VOA Zero Headspace:	Y	__N
Preservation Correct/Checked:	Y	__N
RAD Screen <0.5 mR/hr:	Y	__N

	Date:	Time:		
Relinquished by : (Signature) CP	12/13/23	1630	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by : (Signature)			Received by: (Signature)	Temp: ~~DRY~~ 0.9 °C Bottles Received:
Relinquished by : (Signature)			Received for lab by: (Signature) Christopher L. Gallien	Date: 12/14/23 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / (OK)

Company Name/Address:

S&ME Inc. - Raleigh NC

3201 Spring Forest Road
Raleigh, NC 27616

Billing Information:

Accounts Payable
3201 Spring Forest Rd.

(smeinc_invoice@concursolution

Report to: **Mr. Jerry Paul**

Email To: **jpaul@smeinc.com**

Project Description: **Walltown Park**

City/State Collected: Durham, NC

Please Circle: PT MT CT (ET)

Phone: **919-872-2660**

Client Project #

Lab Project # **SMERLNC-WALLTOWN**

Collected by (print): Chrisea Parra

Site/Facility ID #

P.O. #

Collected by (signature): CP

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Quote #

Analysis / Container / Preservative

Chain of Custody Page 2 of 2

Pace — PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1688014

Table #

Acctnum: **SMERLNC**
Template: **T243420**
Prelogin: **P1043311**
PM: **034 - Craig Cothron**
PB:

Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PBG 2ozClr-NoPres	SPLP/TCLP HOLD 4ozClr-NoPres	TS 4ozClr-NoPres	V8260 40mlAmb-HCl-Blk	V8260 40mlAmb/MeOH10ml/Syr	Remarks	Sample # (lab only)
S24-SB-19	C	SS	(0-1)	12/13/23	1530	4	X	X	X		X		-21
S24-SB-20	C	SS	↓	↓	1435	4	X	X	X		X		-22
Trip Blank		SS				4	X	X	X	X	X		
		SS				4	X	X	X		X		
		SS				4	X	X	X		X		
		SS				4	X	X	X		X		
		SS				4	X	X	X		X		
		SS				4	X	X	X		X		
		SS				4	X	X	X		X		
		SS				4	X	X	X		X		

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Relinquished by : (Signature) CP — Date: 12/13/23 — Time: 1630 — Received by: (Signature)

Relinquished by : (Signature) — Date: — Time: — Received by: (Signature)

Relinquished by : (Signature) — Date: — Time: — Received for lab by: (Signature) Christopher Mallin

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: DRIS °C Bottles Received: .9+0

Date: 12/14/23 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y / N
COC Signed/Accurate:		Y / N
Bottles arrive intact:		Y / N
Correct bottles used:		Y / N
Sufficient volume sent:		Y / N
If Applicable		
VOA Zero Headspace:		Y / N
Preservation Correct/Checked:		Y / N
RAD Screen <0.5 mR/hr:		Y / N

L1688014

Tracking Numbers	Temperature
7155 0298 3021	.9+0
7155 0298 3998	5.0+0

Name

Date

ANALYTICAL REPORT

December 28, 2023

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

S&ME Inc. - Raleigh NC

Sample Delivery Group:	L1689093
Samples Received:	12/15/2023
Project Number:	23050630
Description:	Walltown Park

Report To: Mr. Jerry Paul
3201 Spring Forest Road
Raleigh, NC 27616

Entire Report Reviewed By:

Shane Gambill
Project Manager

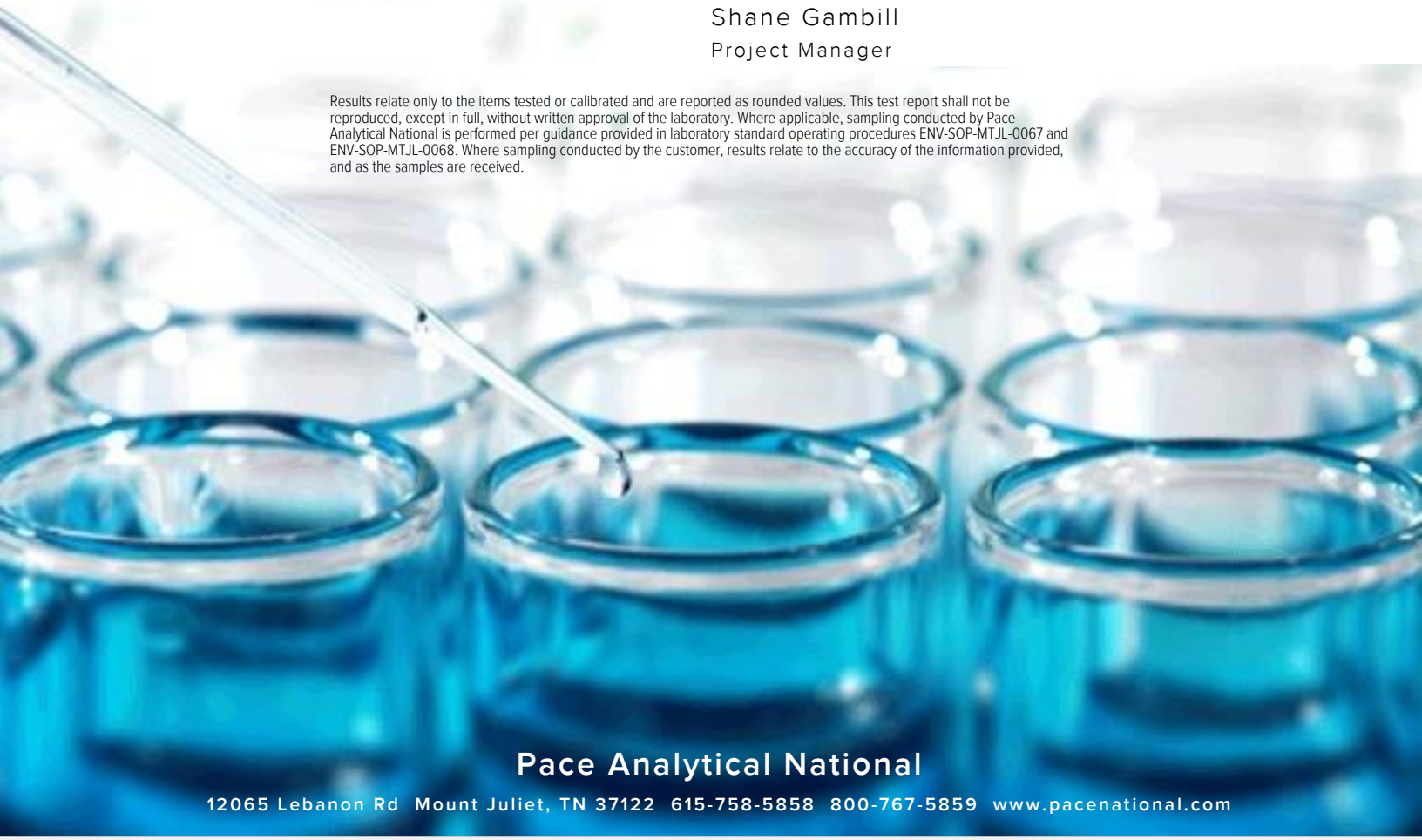


TABLE OF CONTENTS

824-SB-21 L1689093-01 Solid

Collected by: Chelsea Parra | Collected date/time: 12/14/23 09:10 | Received date/time: 12/15/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2192116	1	12/19/23 13:20	12/19/23 13:26	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2193265	5	12/20/23 17:06	12/20/23 20:26	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2193535	1	12/14/23 09:10	12/21/23 06:38	DWR	Mt. Juliet, TN

824-SB-22 L1689093-02 Solid

Collected by: Chelsea Parra | Collected date/time: 12/14/23 09:50 | Received date/time: 12/15/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2192116	1	12/19/23 13:20	12/19/23 13:26	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2193265	5	12/20/23 17:06	12/20/23 20:29	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2193535	1	12/14/23 09:50	12/21/23 06:57	DWR	Mt. Juliet, TN

824-SB-23 L1689093-03 Solid

Collected by: Chelsea Parra | Collected date/time: 12/14/23 09:35 | Received date/time: 12/15/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2192116	1	12/19/23 13:20	12/19/23 13:26	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2193265	5	12/20/23 17:06	12/20/23 20:32	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2193796	1.17	12/14/23 09:35	12/21/23 14:48	ACG	Mt. Juliet, TN

824-SB-24 L1689093-04 Solid

Collected by: Chelsea Parra | Collected date/time: 12/14/23 09:25 | Received date/time: 12/15/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2192116	1	12/19/23 13:20	12/19/23 13:26	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2193265	5	12/20/23 17:06	12/20/23 20:53	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2193796	1	12/14/23 09:25	12/21/23 15:07	ACG	Mt. Juliet, TN

824-SB-25 L1689093-05 Solid

Collected by: Chelsea Parra | Collected date/time: 12/14/23 09:15 | Received date/time: 12/15/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2192116	1	12/19/23 13:20	12/19/23 13:26	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2193265	5	12/20/23 17:06	12/20/23 20:56	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2193796	1.09	12/14/23 09:15	12/21/23 15:26	JHH	Mt. Juliet, TN

824-SB-26 L1689093-06 Solid

Collected by: Chelsea Parra | Collected date/time: 12/14/23 10:00 | Received date/time: 12/15/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2192116	1	12/19/23 13:20	12/19/23 13:26	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2193265	5	12/20/23 17:06	12/20/23 20:59	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2193796	1.05	12/14/23 10:00	12/21/23 15:45	ACG	Mt. Juliet, TN

824-SB-27 L1689093-07 Solid

Collected by: Chelsea Parra | Collected date/time: 12/14/23 10:15 | Received date/time: 12/15/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2192116	1	12/19/23 13:20	12/19/23 13:26	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2193265	5	12/20/23 17:06	12/20/23 21:02	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2193796	1.05	12/14/23 10:15	12/21/23 16:04	ACG	Mt. Juliet, TN

824-SB-28 L1689093-08 Solid

Collected by: Chelsea Parra | Collected date/time: 12/14/23 14:25 | Received date/time: 12/15/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2192116	1	12/19/23 13:20	12/19/23 13:26	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2193265	5	12/20/23 17:06	12/20/23 21:06	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2193796	1.02	12/14/23 14:25	12/21/23 16:24	ACG	Mt. Juliet, TN

824-SB-29 L1689093-09 Solid

Collected by: Chelsea Parra | Collected date/time: 12/14/23 14:35 | Received date/time: 12/15/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2192116	1	12/19/23 13:20	12/19/23 13:26	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2193265	5	12/20/23 17:06	12/20/23 21:09	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2193796	1.11	12/14/23 14:35	12/21/23 16:43	ACG	Mt. Juliet, TN

824-SB-32 L1689093-10 Solid

Collected by: Chelsea Parra | Collected date/time: 12/14/23 14:45 | Received date/time: 12/15/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2192116	1	12/19/23 13:20	12/19/23 13:26	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2193265	5	12/20/23 17:06	12/20/23 20:09	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2193796	1	12/14/23 14:45	12/21/23 17:02	ACG	Mt. Juliet, TN

TRIP BLANK L1689093-11 GW

Collected by: Chelsea Parra | Collected date/time: 12/14/23 00:00 | Received date/time: 12/15/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2194419	1	12/22/23 02:44	12/22/23 02:44	JBE	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Shane Gambill
Project Manager

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.3		1	12/19/2023 13:26	WG2192116

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	151		2.40	5	12/20/2023 20:26	WG2193265

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND		0.0701	1	12/21/2023 06:38	WG2193535
Acrylonitrile	ND		0.0175	1	12/21/2023 06:38	WG2193535
Benzene	ND		0.00140	1	12/21/2023 06:38	WG2193535
Bromobenzene	ND		0.0175	1	12/21/2023 06:38	WG2193535
Bromodichloromethane	ND		0.00351	1	12/21/2023 06:38	WG2193535
Bromoform	ND		0.0351	1	12/21/2023 06:38	WG2193535
Bromomethane	ND		0.0175	1	12/21/2023 06:38	WG2193535
n-Butylbenzene	ND		0.0175	1	12/21/2023 06:38	WG2193535
sec-Butylbenzene	ND		0.0175	1	12/21/2023 06:38	WG2193535
tert-Butylbenzene	ND		0.00701	1	12/21/2023 06:38	WG2193535
Carbon tetrachloride	ND		0.00701	1	12/21/2023 06:38	WG2193535
Chlorobenzene	ND		0.00351	1	12/21/2023 06:38	WG2193535
Chlorodibromomethane	ND		0.00351	1	12/21/2023 06:38	WG2193535
Chloroethane	ND		0.00701	1	12/21/2023 06:38	WG2193535
Chloroform	ND		0.00351	1	12/21/2023 06:38	WG2193535
Chloromethane	ND		0.0175	1	12/21/2023 06:38	WG2193535
2-Chlorotoluene	ND	J3	0.00351	1	12/21/2023 06:38	WG2193535
4-Chlorotoluene	ND		0.00701	1	12/21/2023 06:38	WG2193535
1,2-Dibromo-3-Chloropropane	ND		0.0351	1	12/21/2023 06:38	WG2193535
1,2-Dibromoethane	ND		0.00351	1	12/21/2023 06:38	WG2193535
Dibromomethane	ND		0.00701	1	12/21/2023 06:38	WG2193535
1,2-Dichlorobenzene	ND		0.00701	1	12/21/2023 06:38	WG2193535
1,3-Dichlorobenzene	ND		0.00701	1	12/21/2023 06:38	WG2193535
1,4-Dichlorobenzene	ND		0.00701	1	12/21/2023 06:38	WG2193535
Dichlorodifluoromethane	ND		0.00701	1	12/21/2023 06:38	WG2193535
1,1-Dichloroethane	ND		0.00351	1	12/21/2023 06:38	WG2193535
1,2-Dichloroethane	ND		0.00351	1	12/21/2023 06:38	WG2193535
1,1-Dichloroethene	ND		0.00351	1	12/21/2023 06:38	WG2193535
cis-1,2-Dichloroethene	ND		0.00351	1	12/21/2023 06:38	WG2193535
trans-1,2-Dichloroethene	ND		0.00701	1	12/21/2023 06:38	WG2193535
1,2-Dichloropropane	ND		0.00701	1	12/21/2023 06:38	WG2193535
1,1-Dichloropropene	ND		0.00351	1	12/21/2023 06:38	WG2193535
1,3-Dichloropropane	ND		0.00701	1	12/21/2023 06:38	WG2193535
cis-1,3-Dichloropropene	ND		0.00351	1	12/21/2023 06:38	WG2193535
trans-1,3-Dichloropropene	ND		0.00701	1	12/21/2023 06:38	WG2193535
2,2-Dichloropropane	ND		0.00351	1	12/21/2023 06:38	WG2193535
Di-isopropyl ether	ND		0.00140	1	12/21/2023 06:38	WG2193535
Ethylbenzene	ND		0.00351	1	12/21/2023 06:38	WG2193535
Hexachloro-1,3-butadiene	ND	J3	0.0351	1	12/21/2023 06:38	WG2193535
Isopropylbenzene	ND		0.00351	1	12/21/2023 06:38	WG2193535
p-Isopropyltoluene	ND		0.00701	1	12/21/2023 06:38	WG2193535
2-Butanone (MEK)	ND		0.140	1	12/21/2023 06:38	WG2193535
Methylene Chloride	ND		0.0351	1	12/21/2023 06:38	WG2193535
4-Methyl-2-pentanone (MIBK)	ND		0.0351	1	12/21/2023 06:38	WG2193535
Methyl tert-butyl ether	ND		0.00140	1	12/21/2023 06:38	WG2193535

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND		0.0175	1	12/21/2023 06:38	WG2193535
n-Propylbenzene	ND		0.00701	1	12/21/2023 06:38	WG2193535
Styrene	ND		0.0175	1	12/21/2023 06:38	WG2193535
1,1,1,2-Tetrachloroethane	ND		0.00351	1	12/21/2023 06:38	WG2193535
1,1,2,2-Tetrachloroethane	ND		0.00351	1	12/21/2023 06:38	WG2193535
Tetrachloroethene	ND		0.00351	1	12/21/2023 06:38	WG2193535
Toluene	ND		0.00701	1	12/21/2023 06:38	WG2193535
1,2,3-Trichlorobenzene	ND		0.0175	1	12/21/2023 06:38	WG2193535
1,2,4-Trichlorobenzene	ND	J3	0.0175	1	12/21/2023 06:38	WG2193535
1,1,1-Trichloroethane	ND		0.00351	1	12/21/2023 06:38	WG2193535
1,1,2-Trichloroethane	ND		0.00351	1	12/21/2023 06:38	WG2193535
Trichloroethene	ND		0.00140	1	12/21/2023 06:38	WG2193535
Trichlorofluoromethane	ND		0.00351	1	12/21/2023 06:38	WG2193535
1,2,3-Trichloropropane	ND		0.0175	1	12/21/2023 06:38	WG2193535
1,2,4-Trimethylbenzene	ND		0.00701	1	12/21/2023 06:38	WG2193535
1,3,5-Trimethylbenzene	ND		0.00701	1	12/21/2023 06:38	WG2193535
Vinyl chloride	ND		0.00351	1	12/21/2023 06:38	WG2193535
Xylenes, Total	ND		0.00912	1	12/21/2023 06:38	WG2193535
(S) Toluene-d8	*105*		*75.0-131*		*12/21/2023 06:38*	WG2193535
(S) 4-Bromofluorobenzene	*97.9*		*67.0-138*		*12/21/2023 06:38*	WG2193535
(S) 1,2-Dichloroethane-d4	*98.3*		*70.0-130*		*12/21/2023 06:38*	WG2193535

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	74.4		1	12/19/2023 13:26	WG2192116

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	149		2.69	5	12/20/2023 20:29	WG2193265

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND		0.0851	1	12/21/2023 06:57	WG2193535
Acrylonitrile	ND		0.0213	1	12/21/2023 06:57	WG2193535
Benzene	ND		0.00170	1	12/21/2023 06:57	WG2193535
Bromobenzene	ND		0.0213	1	12/21/2023 06:57	WG2193535
Bromodichloromethane	ND		0.00425	1	12/21/2023 06:57	WG2193535
Bromoform	ND		0.0425	1	12/21/2023 06:57	WG2193535
Bromomethane	ND		0.0213	1	12/21/2023 06:57	WG2193535
n-Butylbenzene	ND		0.0213	1	12/21/2023 06:57	WG2193535
sec-Butylbenzene	ND		0.0213	1	12/21/2023 06:57	WG2193535
tert-Butylbenzene	ND		0.00851	1	12/21/2023 06:57	WG2193535
Carbon tetrachloride	ND		0.00851	1	12/21/2023 06:57	WG2193535
Chlorobenzene	ND		0.00425	1	12/21/2023 06:57	WG2193535
Chlorodibromomethane	ND		0.00425	1	12/21/2023 06:57	WG2193535
Chloroethane	ND		0.00851	1	12/21/2023 06:57	WG2193535
Chloroform	ND		0.00425	1	12/21/2023 06:57	WG2193535
Chloromethane	ND		0.0213	1	12/21/2023 06:57	WG2193535
2-Chlorotoluene	ND	J3	0.00425	1	12/21/2023 06:57	WG2193535
4-Chlorotoluene	ND		0.00851	1	12/21/2023 06:57	WG2193535
1,2-Dibromo-3-Chloropropane	ND		0.0425	1	12/21/2023 06:57	WG2193535
1,2-Dibromoethane	ND		0.00425	1	12/21/2023 06:57	WG2193535
Dibromomethane	ND		0.00851	1	12/21/2023 06:57	WG2193535
1,2-Dichlorobenzene	ND		0.00851	1	12/21/2023 06:57	WG2193535
1,3-Dichlorobenzene	ND		0.00851	1	12/21/2023 06:57	WG2193535
1,4-Dichlorobenzene	ND		0.00851	1	12/21/2023 06:57	WG2193535
Dichlorodifluoromethane	ND		0.00851	1	12/21/2023 06:57	WG2193535
1,1-Dichloroethane	ND		0.00425	1	12/21/2023 06:57	WG2193535
1,2-Dichloroethane	ND		0.00425	1	12/21/2023 06:57	WG2193535
1,1-Dichloroethene	ND		0.00425	1	12/21/2023 06:57	WG2193535
cis-1,2-Dichloroethene	ND		0.00425	1	12/21/2023 06:57	WG2193535
trans-1,2-Dichloroethene	ND		0.00851	1	12/21/2023 06:57	WG2193535
1,2-Dichloropropane	ND		0.00851	1	12/21/2023 06:57	WG2193535
1,1-Dichloropropene	ND		0.00425	1	12/21/2023 06:57	WG2193535
1,3-Dichloropropane	ND		0.00851	1	12/21/2023 06:57	WG2193535
cis-1,3-Dichloropropene	ND		0.00425	1	12/21/2023 06:57	WG2193535
trans-1,3-Dichloropropene	ND		0.00851	1	12/21/2023 06:57	WG2193535
2,2-Dichloropropane	ND		0.00425	1	12/21/2023 06:57	WG2193535
Di-isopropyl ether	ND		0.00170	1	12/21/2023 06:57	WG2193535
Ethylbenzene	ND		0.00425	1	12/21/2023 06:57	WG2193535
Hexachloro-1,3-butadiene	ND	J3	0.0425	1	12/21/2023 06:57	WG2193535
Isopropylbenzene	ND		0.00425	1	12/21/2023 06:57	WG2193535
p-Isopropyltoluene	ND		0.00851	1	12/21/2023 06:57	WG2193535
2-Butanone (MEK)	ND		0.170	1	12/21/2023 06:57	WG2193535
Methylene Chloride	ND		0.0425	1	12/21/2023 06:57	WG2193535
4-Methyl-2-pentanone (MIBK)	ND		0.0425	1	12/21/2023 06:57	WG2193535
Methyl tert-butyl ether	ND		0.00170	1	12/21/2023 06:57	WG2193535

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND		0.0213	1	12/21/2023 06:57	WG2193535
n-Propylbenzene	ND		0.00851	1	12/21/2023 06:57	WG2193535
Styrene	ND		0.0213	1	12/21/2023 06:57	WG2193535
1,1,1,2-Tetrachloroethane	ND		0.00425	1	12/21/2023 06:57	WG2193535
1,1,2,2-Tetrachloroethane	ND		0.00425	1	12/21/2023 06:57	WG2193535
Tetrachloroethene	ND		0.00425	1	12/21/2023 06:57	WG2193535
Toluene	ND		0.00851	1	12/21/2023 06:57	WG2193535
1,2,3-Trichlorobenzene	ND		0.0213	1	12/21/2023 06:57	WG2193535
1,2,4-Trichlorobenzene	ND	J3	0.0213	1	12/21/2023 06:57	WG2193535
1,1,1-Trichloroethane	ND		0.00425	1	12/21/2023 06:57	WG2193535
1,1,2-Trichloroethane	ND		0.00425	1	12/21/2023 06:57	WG2193535
Trichloroethene	ND		0.00170	1	12/21/2023 06:57	WG2193535
Trichlorofluoromethane	ND		0.00425	1	12/21/2023 06:57	WG2193535
1,2,3-Trichloropropane	ND		0.0213	1	12/21/2023 06:57	WG2193535
1,2,4-Trimethylbenzene	ND		0.00851	1	12/21/2023 06:57	WG2193535
1,3,5-Trimethylbenzene	ND		0.00851	1	12/21/2023 06:57	WG2193535
Vinyl chloride	ND		0.00425	1	12/21/2023 06:57	WG2193535
Xylenes, Total	ND		0.0111	1	12/21/2023 06:57	WG2193535
(S) Toluene-d8	*107*		*75.0-131*		*12/21/2023 06:57*	WG2193535
(S) 4-Bromofluorobenzene	*95.8*		*67.0-138*		*12/21/2023 06:57*	WG2193535
(S) 1,2-Dichloroethane-d4	*96.3*		*70.0-130*		*12/21/2023 06:57*	WG2193535

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.2		1	12/19/2023 13:26	WG2192116

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	254		2.49	5	12/20/2023 20:32	WG2193265

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0852	1.17	12/21/2023 14:48	WG2193796
Acrylonitrile	ND		0.0213	1.17	12/21/2023 14:48	WG2193796
Benzene	ND		0.00170	1.17	12/21/2023 14:48	WG2193796
Bromobenzene	ND		0.0213	1.17	12/21/2023 14:48	WG2193796
Bromodichloromethane	ND		0.00427	1.17	12/21/2023 14:48	WG2193796
Bromoform	ND		0.0427	1.17	12/21/2023 14:48	WG2193796
Bromomethane	ND		0.0213	1.17	12/21/2023 14:48	WG2193796
n-Butylbenzene	ND		0.0213	1.17	12/21/2023 14:48	WG2193796
sec-Butylbenzene	ND		0.0213	1.17	12/21/2023 14:48	WG2193796
tert-Butylbenzene	ND		0.00852	1.17	12/21/2023 14:48	WG2193796
Carbon tetrachloride	ND		0.00852	1.17	12/21/2023 14:48	WG2193796
Chlorobenzene	ND		0.00427	1.17	12/21/2023 14:48	WG2193796
Chlorodibromomethane	ND		0.00427	1.17	12/21/2023 14:48	WG2193796
Chloroethane	ND		0.00852	1.17	12/21/2023 14:48	WG2193796
Chloroform	ND		0.00427	1.17	12/21/2023 14:48	WG2193796
Chloromethane	ND		0.0213	1.17	12/21/2023 14:48	WG2193796
2-Chlorotoluene	ND		0.00427	1.17	12/21/2023 14:48	WG2193796
4-Chlorotoluene	ND		0.00852	1.17	12/21/2023 14:48	WG2193796
1,2-Dibromo-3-Chloropropane	ND		0.0427	1.17	12/21/2023 14:48	WG2193796
1,2-Dibromoethane	ND		0.00427	1.17	12/21/2023 14:48	WG2193796
Dibromomethane	ND		0.00852	1.17	12/21/2023 14:48	WG2193796
1,2-Dichlorobenzene	ND		0.00852	1.17	12/21/2023 14:48	WG2193796
1,3-Dichlorobenzene	ND		0.00852	1.17	12/21/2023 14:48	WG2193796
1,4-Dichlorobenzene	ND		0.00852	1.17	12/21/2023 14:48	WG2193796
Dichlorodifluoromethane	ND		0.00852	1.17	12/21/2023 14:48	WG2193796
1,1-Dichloroethane	ND		0.00427	1.17	12/21/2023 14:48	WG2193796
1,2-Dichloroethane	ND		0.00427	1.17	12/21/2023 14:48	WG2193796
1,1-Dichloroethene	ND		0.00427	1.17	12/21/2023 14:48	WG2193796
cis-1,2-Dichloroethene	ND		0.00427	1.17	12/21/2023 14:48	WG2193796
trans-1,2-Dichloroethene	ND		0.00852	1.17	12/21/2023 14:48	WG2193796
1,2-Dichloropropane	ND		0.00852	1.17	12/21/2023 14:48	WG2193796
1,1-Dichloropropene	ND		0.00427	1.17	12/21/2023 14:48	WG2193796
1,3-Dichloropropane	ND		0.00852	1.17	12/21/2023 14:48	WG2193796
cis-1,3-Dichloropropene	ND		0.00427	1.17	12/21/2023 14:48	WG2193796
trans-1,3-Dichloropropene	ND		0.00852	1.17	12/21/2023 14:48	WG2193796
2,2-Dichloropropane	ND		0.00427	1.17	12/21/2023 14:48	WG2193796
Di-isopropyl ether	ND		0.00170	1.17	12/21/2023 14:48	WG2193796
Ethylbenzene	ND		0.00427	1.17	12/21/2023 14:48	WG2193796
Hexachloro-1,3-butadiene	ND		0.0427	1.17	12/21/2023 14:48	WG2193796
Isopropylbenzene	ND		0.00427	1.17	12/21/2023 14:48	WG2193796
p-Isopropyltoluene	ND		0.00852	1.17	12/21/2023 14:48	WG2193796
2-Butanone (MEK)	ND	C3	0.170	1.17	12/21/2023 14:48	WG2193796
Methylene Chloride	ND		0.0427	1.17	12/21/2023 14:48	WG2193796
4-Methyl-2-pentanone (MIBK)	ND		0.0427	1.17	12/21/2023 14:48	WG2193796
Methyl tert-butyl ether	ND		0.00170	1.17	12/21/2023 14:48	WG2193796

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	0.0425		0.0213	1.17	12/21/2023 14:48	WG2193796
n-Propylbenzene	ND		0.00852	1.17	12/21/2023 14:48	WG2193796
Styrene	ND		0.0213	1.17	12/21/2023 14:48	WG2193796
1,1,1,2-Tetrachloroethane	ND		0.00427	1.17	12/21/2023 14:48	WG2193796
1,1,2,2-Tetrachloroethane	ND		0.00427	1.17	12/21/2023 14:48	WG2193796
Tetrachloroethene	ND		0.00427	1.17	12/21/2023 14:48	WG2193796
Toluene	ND		0.00852	1.17	12/21/2023 14:48	WG2193796
1,2,3-Trichlorobenzene	ND		0.0213	1.17	12/21/2023 14:48	WG2193796
1,2,4-Trichlorobenzene	ND		0.0213	1.17	12/21/2023 14:48	WG2193796
1,1,1-Trichloroethane	ND		0.00427	1.17	12/21/2023 14:48	WG2193796
1,1,2-Trichloroethane	ND		0.00427	1.17	12/21/2023 14:48	WG2193796
Trichloroethene	ND		0.00170	1.17	12/21/2023 14:48	WG2193796
Trichlorofluoromethane	ND		0.00427	1.17	12/21/2023 14:48	WG2193796
1,2,3-Trichloropropane	ND		0.0213	1.17	12/21/2023 14:48	WG2193796
1,2,4-Trimethylbenzene	ND		0.00852	1.17	12/21/2023 14:48	WG2193796
1,3,5-Trimethylbenzene	ND		0.00852	1.17	12/21/2023 14:48	WG2193796
Vinyl chloride	ND		0.00427	1.17	12/21/2023 14:48	WG2193796
Xylenes, Total	ND		0.0111	1.17	12/21/2023 14:48	WG2193796
(S) Toluene-d8	*102*		*75.0-131*		*12/21/2023 14:48*	WG2193796
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*12/21/2023 14:48*	WG2193796
(S) 1,2-Dichloroethane-d4	*77.3*		*70.0-130*		*12/21/2023 14:48*	WG2193796

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	78.2		1	12/19/2023 13:26	WG2192116

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	1050		2.56	5	12/20/2023 20:53	WG2193265

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0782	1	12/21/2023 15:07	WG2193796
Acrylonitrile	ND		0.0195	1	12/21/2023 15:07	WG2193796
Benzene	ND		0.00156	1	12/21/2023 15:07	WG2193796
Bromobenzene	ND		0.0195	1	12/21/2023 15:07	WG2193796
Bromodichloromethane	ND		0.00391	1	12/21/2023 15:07	WG2193796
Bromoform	ND		0.0391	1	12/21/2023 15:07	WG2193796
Bromomethane	ND		0.0195	1	12/21/2023 15:07	WG2193796
n-Butylbenzene	ND		0.0195	1	12/21/2023 15:07	WG2193796
sec-Butylbenzene	ND		0.0195	1	12/21/2023 15:07	WG2193796
tert-Butylbenzene	ND		0.00782	1	12/21/2023 15:07	WG2193796
Carbon tetrachloride	ND		0.00782	1	12/21/2023 15:07	WG2193796
Chlorobenzene	ND		0.00391	1	12/21/2023 15:07	WG2193796
Chlorodibromomethane	ND		0.00391	1	12/21/2023 15:07	WG2193796
Chloroethane	ND		0.00782	1	12/21/2023 15:07	WG2193796
Chloroform	ND		0.00391	1	12/21/2023 15:07	WG2193796
Chloromethane	ND		0.0195	1	12/21/2023 15:07	WG2193796
2-Chlorotoluene	ND		0.00391	1	12/21/2023 15:07	WG2193796
4-Chlorotoluene	ND		0.00782	1	12/21/2023 15:07	WG2193796
1,2-Dibromo-3-Chloropropane	ND		0.0391	1	12/21/2023 15:07	WG2193796
1,2-Dibromoethane	ND		0.00391	1	12/21/2023 15:07	WG2193796
Dibromomethane	ND		0.00782	1	12/21/2023 15:07	WG2193796
1,2-Dichlorobenzene	ND		0.00782	1	12/21/2023 15:07	WG2193796
1,3-Dichlorobenzene	ND		0.00782	1	12/21/2023 15:07	WG2193796
1,4-Dichlorobenzene	ND		0.00782	1	12/21/2023 15:07	WG2193796
Dichlorodifluoromethane	ND		0.00782	1	12/21/2023 15:07	WG2193796
1,1-Dichloroethane	ND		0.00391	1	12/21/2023 15:07	WG2193796
1,2-Dichloroethane	ND		0.00391	1	12/21/2023 15:07	WG2193796
1,1-Dichloroethene	ND		0.00391	1	12/21/2023 15:07	WG2193796
cis-1,2-Dichloroethene	ND		0.00391	1	12/21/2023 15:07	WG2193796
trans-1,2-Dichloroethene	ND		0.00782	1	12/21/2023 15:07	WG2193796
1,2-Dichloropropane	ND		0.00782	1	12/21/2023 15:07	WG2193796
1,1-Dichloropropene	ND		0.00391	1	12/21/2023 15:07	WG2193796
1,3-Dichloropropane	ND		0.00782	1	12/21/2023 15:07	WG2193796
cis-1,3-Dichloropropene	ND		0.00391	1	12/21/2023 15:07	WG2193796
trans-1,3-Dichloropropene	ND		0.00782	1	12/21/2023 15:07	WG2193796
2,2-Dichloropropane	ND		0.00391	1	12/21/2023 15:07	WG2193796
Di-isopropyl ether	ND		0.00156	1	12/21/2023 15:07	WG2193796
Ethylbenzene	ND		0.00391	1	12/21/2023 15:07	WG2193796
Hexachloro-1,3-butadiene	ND		0.0391	1	12/21/2023 15:07	WG2193796
Isopropylbenzene	ND		0.00391	1	12/21/2023 15:07	WG2193796
p-Isopropyltoluene	ND		0.00782	1	12/21/2023 15:07	WG2193796
2-Butanone (MEK)	ND	C3	0.156	1	12/21/2023 15:07	WG2193796
Methylene Chloride	ND		0.0391	1	12/21/2023 15:07	WG2193796
4-Methyl-2-pentanone (MIBK)	ND		0.0391	1	12/21/2023 15:07	WG2193796
Methyl tert-butyl ether	ND		0.00156	1	12/21/2023 15:07	WG2193796

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND		0.0195	1	12/21/2023 15:07	WG2193796
n-Propylbenzene	ND		0.00782	1	12/21/2023 15:07	WG2193796
Styrene	ND		0.0195	1	12/21/2023 15:07	WG2193796
1,1,1,2-Tetrachloroethane	ND		0.00391	1	12/21/2023 15:07	WG2193796
1,1,2,2-Tetrachloroethane	ND		0.00391	1	12/21/2023 15:07	WG2193796
Tetrachloroethene	ND		0.00391	1	12/21/2023 15:07	WG2193796
Toluene	ND		0.00782	1	12/21/2023 15:07	WG2193796
1,2,3-Trichlorobenzene	ND		0.0195	1	12/21/2023 15:07	WG2193796
1,2,4-Trichlorobenzene	ND		0.0195	1	12/21/2023 15:07	WG2193796
1,1,1-Trichloroethane	ND		0.00391	1	12/21/2023 15:07	WG2193796
1,1,2-Trichloroethane	ND		0.00391	1	12/21/2023 15:07	WG2193796
Trichloroethene	ND		0.00156	1	12/21/2023 15:07	WG2193796
Trichlorofluoromethane	ND		0.00391	1	12/21/2023 15:07	WG2193796
1,2,3-Trichloropropane	ND		0.0195	1	12/21/2023 15:07	WG2193796
1,2,4-Trimethylbenzene	ND		0.00782	1	12/21/2023 15:07	WG2193796
1,3,5-Trimethylbenzene	ND		0.00782	1	12/21/2023 15:07	WG2193796
Vinyl chloride	ND		0.00391	1	12/21/2023 15:07	WG2193796
Xylenes, Total	ND		0.0102	1	12/21/2023 15:07	WG2193796
(S) Toluene-d8	*102*		*75.0-131*		*12/21/2023 15:07*	WG2193796
(S) 4-Bromofluorobenzene	*104*		*67.0-138*		*12/21/2023 15:07*	WG2193796
(S) 1,2-Dichloroethane-d4	*71.9*		*70.0-130*		*12/21/2023 15:07*	WG2193796

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.5		1	12/19/2023 13:26	WG2192116

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	162		2.45	5	12/20/2023 20:56	WG2193265

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0782	1.09	12/21/2023 15:26	WG2193796
Acrylonitrile	ND		0.0195	1.09	12/21/2023 15:26	WG2193796
Benzene	0.00363		0.00156	1.09	12/21/2023 15:26	WG2193796
Bromobenzene	ND		0.0195	1.09	12/21/2023 15:26	WG2193796
Bromodichloromethane	ND		0.00392	1.09	12/21/2023 15:26	WG2193796
Bromoform	ND		0.0392	1.09	12/21/2023 15:26	WG2193796
Bromomethane	ND		0.0195	1.09	12/21/2023 15:26	WG2193796
n-Butylbenzene	ND		0.0195	1.09	12/21/2023 15:26	WG2193796
sec-Butylbenzene	ND		0.0195	1.09	12/21/2023 15:26	WG2193796
tert-Butylbenzene	0.00793		0.00782	1.09	12/21/2023 15:26	WG2193796
Carbon tetrachloride	ND		0.00782	1.09	12/21/2023 15:26	WG2193796
Chlorobenzene	ND		0.00392	1.09	12/21/2023 15:26	WG2193796
Chlorodibromomethane	ND		0.00392	1.09	12/21/2023 15:26	WG2193796
Chloroethane	ND		0.00782	1.09	12/21/2023 15:26	WG2193796
Chloroform	ND		0.00392	1.09	12/21/2023 15:26	WG2193796
Chloromethane	ND		0.0195	1.09	12/21/2023 15:26	WG2193796
2-Chlorotoluene	ND		0.00392	1.09	12/21/2023 15:26	WG2193796
4-Chlorotoluene	ND		0.00782	1.09	12/21/2023 15:26	WG2193796
1,2-Dibromo-3-Chloropropane	ND		0.0392	1.09	12/21/2023 15:26	WG2193796
1,2-Dibromoethane	ND		0.00392	1.09	12/21/2023 15:26	WG2193796
Dibromomethane	ND		0.00782	1.09	12/21/2023 15:26	WG2193796
1,2-Dichlorobenzene	ND		0.00782	1.09	12/21/2023 15:26	WG2193796
1,3-Dichlorobenzene	ND		0.00782	1.09	12/21/2023 15:26	WG2193796
1,4-Dichlorobenzene	ND		0.00782	1.09	12/21/2023 15:26	WG2193796
Dichlorodifluoromethane	ND		0.00782	1.09	12/21/2023 15:26	WG2193796
1,1-Dichloroethane	ND		0.00392	1.09	12/21/2023 15:26	WG2193796
1,2-Dichloroethane	ND		0.00392	1.09	12/21/2023 15:26	WG2193796
1,1-Dichloroethene	ND		0.00392	1.09	12/21/2023 15:26	WG2193796
cis-1,2-Dichloroethene	ND		0.00392	1.09	12/21/2023 15:26	WG2193796
trans-1,2-Dichloroethene	ND		0.00782	1.09	12/21/2023 15:26	WG2193796
1,2-Dichloropropane	ND		0.00782	1.09	12/21/2023 15:26	WG2193796
1,1-Dichloropropene	ND		0.00392	1.09	12/21/2023 15:26	WG2193796
1,3-Dichloropropane	ND		0.00782	1.09	12/21/2023 15:26	WG2193796
cis-1,3-Dichloropropene	ND		0.00392	1.09	12/21/2023 15:26	WG2193796
trans-1,3-Dichloropropene	ND		0.00782	1.09	12/21/2023 15:26	WG2193796
2,2-Dichloropropane	ND		0.00392	1.09	12/21/2023 15:26	WG2193796
Di-isopropyl ether	ND		0.00156	1.09	12/21/2023 15:26	WG2193796
Ethylbenzene	0.0143		0.00392	1.09	12/21/2023 15:26	WG2193796
Hexachloro-1,3-butadiene	ND		0.0392	1.09	12/21/2023 15:26	WG2193796
Isopropylbenzene	0.00594		0.00392	1.09	12/21/2023 15:26	WG2193796
p-Isopropyltoluene	ND		0.00782	1.09	12/21/2023 15:26	WG2193796
2-Butanone (MEK)	ND	C3	0.156	1.09	12/21/2023 15:26	WG2193796
Methylene Chloride	ND		0.0392	1.09	12/21/2023 15:26	WG2193796
4-Methyl-2-pentanone (MIBK)	ND		0.0392	1.09	12/21/2023 15:26	WG2193796
Methyl tert-butyl ether	ND		0.00156	1.09	12/21/2023 15:26	WG2193796

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	0.118		0.0195	1.09	12/21/2023 15:26	WG2193796
n-Propylbenzene	ND		0.00782	1.09	12/21/2023 15:26	WG2193796
Styrene	ND		0.0195	1.09	12/21/2023 15:26	WG2193796
1,1,1,2-Tetrachloroethane	ND		0.00392	1.09	12/21/2023 15:26	WG2193796
1,1,2,2-Tetrachloroethane	ND		0.00392	1.09	12/21/2023 15:26	WG2193796
Tetrachloroethene	0.00453	C5	0.00392	1.09	12/21/2023 15:26	WG2193796
Toluene	0.0482		0.00782	1.09	12/21/2023 15:26	WG2193796
1,2,3-Trichlorobenzene	ND		0.0195	1.09	12/21/2023 15:26	WG2193796
1,2,4-Trichlorobenzene	ND		0.0195	1.09	12/21/2023 15:26	WG2193796
1,1,1-Trichloroethane	ND		0.00392	1.09	12/21/2023 15:26	WG2193796
1,1,2-Trichloroethane	ND		0.00392	1.09	12/21/2023 15:26	WG2193796
Trichloroethene	ND		0.00156	1.09	12/21/2023 15:26	WG2193796
Trichlorofluoromethane	ND		0.00392	1.09	12/21/2023 15:26	WG2193796
1,2,3-Trichloropropane	ND		0.0195	1.09	12/21/2023 15:26	WG2193796
1,2,4-Trimethylbenzene	0.0479		0.00782	1.09	12/21/2023 15:26	WG2193796
1,3,5-Trimethylbenzene	0.0131		0.00782	1.09	12/21/2023 15:26	WG2193796
Vinyl chloride	ND		0.00392	1.09	12/21/2023 15:26	WG2193796
Xylenes, Total	0.188		0.0102	1.09	12/21/2023 15:26	WG2193796
(S) Toluene-d8	*104*		*75.0-131*		*12/21/2023 15:26*	WG2193796
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*12/21/2023 15:26*	WG2193796
(S) 1,2-Dichloroethane-d4	*70.0*		*70.0-130*		*12/21/2023 15:26*	WG2193796

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.7		1	12/19/2023 13:26	WG2192116

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	435		2.45	5	12/20/2023 20:59	WG2193265

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0754	1.05	12/21/2023 15:45	WG2193796
Acrylonitrile	ND		0.0188	1.05	12/21/2023 15:45	WG2193796
Benzene	ND		0.00151	1.05	12/21/2023 15:45	WG2193796
Bromobenzene	ND		0.0188	1.05	12/21/2023 15:45	WG2193796
Bromodichloromethane	ND		0.00378	1.05	12/21/2023 15:45	WG2193796
Bromoform	ND		0.0378	1.05	12/21/2023 15:45	WG2193796
Bromomethane	ND		0.0188	1.05	12/21/2023 15:45	WG2193796
n-Butylbenzene	ND		0.0188	1.05	12/21/2023 15:45	WG2193796
sec-Butylbenzene	ND		0.0188	1.05	12/21/2023 15:45	WG2193796
tert-Butylbenzene	ND		0.00754	1.05	12/21/2023 15:45	WG2193796
Carbon tetrachloride	ND		0.00754	1.05	12/21/2023 15:45	WG2193796
Chlorobenzene	ND		0.00378	1.05	12/21/2023 15:45	WG2193796
Chlorodibromomethane	ND		0.00378	1.05	12/21/2023 15:45	WG2193796
Chloroethane	ND		0.00754	1.05	12/21/2023 15:45	WG2193796
Chloroform	ND		0.00378	1.05	12/21/2023 15:45	WG2193796
Chloromethane	ND		0.0188	1.05	12/21/2023 15:45	WG2193796
2-Chlorotoluene	ND		0.00378	1.05	12/21/2023 15:45	WG2193796
4-Chlorotoluene	ND		0.00754	1.05	12/21/2023 15:45	WG2193796
1,2-Dibromo-3-Chloropropane	ND		0.0378	1.05	12/21/2023 15:45	WG2193796
1,2-Dibromoethane	ND		0.00378	1.05	12/21/2023 15:45	WG2193796
Dibromomethane	ND		0.00754	1.05	12/21/2023 15:45	WG2193796
1,2-Dichlorobenzene	ND		0.00754	1.05	12/21/2023 15:45	WG2193796
1,3-Dichlorobenzene	ND		0.00754	1.05	12/21/2023 15:45	WG2193796
1,4-Dichlorobenzene	ND		0.00754	1.05	12/21/2023 15:45	WG2193796
Dichlorodifluoromethane	ND		0.00754	1.05	12/21/2023 15:45	WG2193796
1,1-Dichloroethane	ND		0.00378	1.05	12/21/2023 15:45	WG2193796
1,2-Dichloroethane	ND		0.00378	1.05	12/21/2023 15:45	WG2193796
1,1-Dichloroethene	ND		0.00378	1.05	12/21/2023 15:45	WG2193796
cis-1,2-Dichloroethene	ND		0.00378	1.05	12/21/2023 15:45	WG2193796
trans-1,2-Dichloroethene	ND		0.00754	1.05	12/21/2023 15:45	WG2193796
1,2-Dichloropropane	ND		0.00754	1.05	12/21/2023 15:45	WG2193796
1,1-Dichloropropene	ND		0.00378	1.05	12/21/2023 15:45	WG2193796
1,3-Dichloropropane	ND		0.00754	1.05	12/21/2023 15:45	WG2193796
cis-1,3-Dichloropropene	ND		0.00378	1.05	12/21/2023 15:45	WG2193796
trans-1,3-Dichloropropene	ND		0.00754	1.05	12/21/2023 15:45	WG2193796
2,2-Dichloropropane	ND		0.00378	1.05	12/21/2023 15:45	WG2193796
Di-isopropyl ether	ND		0.00151	1.05	12/21/2023 15:45	WG2193796
Ethylbenzene	ND		0.00378	1.05	12/21/2023 15:45	WG2193796
Hexachloro-1,3-butadiene	ND		0.0378	1.05	12/21/2023 15:45	WG2193796
Isopropylbenzene	ND		0.00378	1.05	12/21/2023 15:45	WG2193796
p-Isopropyltoluene	ND		0.00754	1.05	12/21/2023 15:45	WG2193796
2-Butanone (MEK)	ND	C3	0.151	1.05	12/21/2023 15:45	WG2193796
Methylene Chloride	ND		0.0378	1.05	12/21/2023 15:45	WG2193796
4-Methyl-2-pentanone (MIBK)	ND		0.0378	1.05	12/21/2023 15:45	WG2193796
Methyl tert-butyl ether	ND		0.00151	1.05	12/21/2023 15:45	WG2193796

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND		0.0188	1.05	12/21/2023 15:45	WG2193796
n-Propylbenzene	ND		0.00754	1.05	12/21/2023 15:45	WG2193796
Styrene	ND		0.0188	1.05	12/21/2023 15:45	WG2193796
1,1,1,2-Tetrachloroethane	ND		0.00378	1.05	12/21/2023 15:45	WG2193796
1,1,2,2-Tetrachloroethane	ND		0.00378	1.05	12/21/2023 15:45	WG2193796
Tetrachloroethene	ND		0.00378	1.05	12/21/2023 15:45	WG2193796
Toluene	ND		0.00754	1.05	12/21/2023 15:45	WG2193796
1,2,3-Trichlorobenzene	ND		0.0188	1.05	12/21/2023 15:45	WG2193796
1,2,4-Trichlorobenzene	ND		0.0188	1.05	12/21/2023 15:45	WG2193796
1,1,1-Trichloroethane	ND		0.00378	1.05	12/21/2023 15:45	WG2193796
1,1,2-Trichloroethane	ND		0.00378	1.05	12/21/2023 15:45	WG2193796
Trichloroethene	ND		0.00151	1.05	12/21/2023 15:45	WG2193796
Trichlorofluoromethane	ND		0.00378	1.05	12/21/2023 15:45	WG2193796
1,2,3-Trichloropropane	ND		0.0188	1.05	12/21/2023 15:45	WG2193796
1,2,4-Trimethylbenzene	ND		0.00754	1.05	12/21/2023 15:45	WG2193796
1,3,5-Trimethylbenzene	ND		0.00754	1.05	12/21/2023 15:45	WG2193796
Vinyl chloride	ND		0.00378	1.05	12/21/2023 15:45	WG2193796
Xylenes, Total	ND		0.00981	1.05	12/21/2023 15:45	WG2193796
(S) Toluene-d8	*101*		*75.0-131*		*12/21/2023 15:45*	WG2193796
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*12/21/2023 15:45*	WG2193796
(S) 1,2-Dichloroethane-d4	*77.8*		*70.0-130*		*12/21/2023 15:45*	WG2193796

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.1		1	12/19/2023 13:26	WG2192116

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	194		2.38	5	12/20/2023 21:02	WG2193265

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0720	1.05	12/21/2023 16:04	WG2193796
Acrylonitrile	ND		0.0180	1.05	12/21/2023 16:04	WG2193796
Benzene	ND		0.00144	1.05	12/21/2023 16:04	WG2193796
Bromobenzene	ND		0.0180	1.05	12/21/2023 16:04	WG2193796
Bromodichloromethane	ND		0.00360	1.05	12/21/2023 16:04	WG2193796
Bromoform	ND		0.0360	1.05	12/21/2023 16:04	WG2193796
Bromomethane	ND		0.0180	1.05	12/21/2023 16:04	WG2193796
n-Butylbenzene	ND		0.0180	1.05	12/21/2023 16:04	WG2193796
sec-Butylbenzene	ND		0.0180	1.05	12/21/2023 16:04	WG2193796
tert-Butylbenzene	ND		0.00720	1.05	12/21/2023 16:04	WG2193796
Carbon tetrachloride	ND		0.00720	1.05	12/21/2023 16:04	WG2193796
Chlorobenzene	ND		0.00360	1.05	12/21/2023 16:04	WG2193796
Chlorodibromomethane	ND		0.00360	1.05	12/21/2023 16:04	WG2193796
Chloroethane	ND		0.00720	1.05	12/21/2023 16:04	WG2193796
Chloroform	ND		0.00360	1.05	12/21/2023 16:04	WG2193796
Chloromethane	ND		0.0180	1.05	12/21/2023 16:04	WG2193796
2-Chlorotoluene	ND		0.00360	1.05	12/21/2023 16:04	WG2193796
4-Chlorotoluene	ND		0.00720	1.05	12/21/2023 16:04	WG2193796
1,2-Dibromo-3-Chloropropane	ND		0.0360	1.05	12/21/2023 16:04	WG2193796
1,2-Dibromoethane	ND		0.00360	1.05	12/21/2023 16:04	WG2193796
Dibromomethane	ND		0.00720	1.05	12/21/2023 16:04	WG2193796
1,2-Dichlorobenzene	ND		0.00720	1.05	12/21/2023 16:04	WG2193796
1,3-Dichlorobenzene	ND		0.00720	1.05	12/21/2023 16:04	WG2193796
1,4-Dichlorobenzene	ND		0.00720	1.05	12/21/2023 16:04	WG2193796
Dichlorodifluoromethane	ND		0.00720	1.05	12/21/2023 16:04	WG2193796
1,1-Dichloroethane	ND		0.00360	1.05	12/21/2023 16:04	WG2193796
1,2-Dichloroethane	ND		0.00360	1.05	12/21/2023 16:04	WG2193796
1,1-Dichloroethene	ND		0.00360	1.05	12/21/2023 16:04	WG2193796
cis-1,2-Dichloroethene	ND		0.00360	1.05	12/21/2023 16:04	WG2193796
trans-1,2-Dichloroethene	ND		0.00720	1.05	12/21/2023 16:04	WG2193796
1,2-Dichloropropane	ND		0.00720	1.05	12/21/2023 16:04	WG2193796
1,1-Dichloropropene	ND		0.00360	1.05	12/21/2023 16:04	WG2193796
1,3-Dichloropropane	ND		0.00720	1.05	12/21/2023 16:04	WG2193796
cis-1,3-Dichloropropene	ND		0.00360	1.05	12/21/2023 16:04	WG2193796
trans-1,3-Dichloropropene	ND		0.00720	1.05	12/21/2023 16:04	WG2193796
2,2-Dichloropropane	ND		0.00360	1.05	12/21/2023 16:04	WG2193796
Di-isopropyl ether	ND		0.00144	1.05	12/21/2023 16:04	WG2193796
Ethylbenzene	ND		0.00360	1.05	12/21/2023 16:04	WG2193796
Hexachloro-1,3-butadiene	ND		0.0360	1.05	12/21/2023 16:04	WG2193796
Isopropylbenzene	ND		0.00360	1.05	12/21/2023 16:04	WG2193796
p-Isopropyltoluene	ND		0.00720	1.05	12/21/2023 16:04	WG2193796
2-Butanone (MEK)	ND	C3	0.144	1.05	12/21/2023 16:04	WG2193796
Methylene Chloride	ND		0.0360	1.05	12/21/2023 16:04	WG2193796
4-Methyl-2-pentanone (MIBK)	ND		0.0360	1.05	12/21/2023 16:04	WG2193796
Methyl tert-butyl ether	ND		0.00144	1.05	12/21/2023 16:04	WG2193796

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND		0.0180	1.05	12/21/2023 16:04	WG2193796
n-Propylbenzene	ND		0.00720	1.05	12/21/2023 16:04	WG2193796
Styrene	ND		0.0180	1.05	12/21/2023 16:04	WG2193796
1,1,1,2-Tetrachloroethane	ND		0.00360	1.05	12/21/2023 16:04	WG2193796
1,1,2,2-Tetrachloroethane	ND		0.00360	1.05	12/21/2023 16:04	WG2193796
Tetrachloroethene	ND		0.00360	1.05	12/21/2023 16:04	WG2193796
Toluene	ND		0.00720	1.05	12/21/2023 16:04	WG2193796
1,2,3-Trichlorobenzene	ND		0.0180	1.05	12/21/2023 16:04	WG2193796
1,2,4-Trichlorobenzene	ND		0.0180	1.05	12/21/2023 16:04	WG2193796
1,1,1-Trichloroethane	ND		0.00360	1.05	12/21/2023 16:04	WG2193796
1,1,2-Trichloroethane	ND		0.00360	1.05	12/21/2023 16:04	WG2193796
Trichloroethene	ND		0.00144	1.05	12/21/2023 16:04	WG2193796
Trichlorofluoromethane	ND		0.00360	1.05	12/21/2023 16:04	WG2193796
1,2,3-Trichloropropane	ND		0.0180	1.05	12/21/2023 16:04	WG2193796
1,2,4-Trimethylbenzene	ND		0.00720	1.05	12/21/2023 16:04	WG2193796
1,3,5-Trimethylbenzene	ND		0.00720	1.05	12/21/2023 16:04	WG2193796
Vinyl chloride	ND		0.00360	1.05	12/21/2023 16:04	WG2193796
Xylenes, Total	0.0112		0.00936	1.05	12/21/2023 16:04	WG2193796
(S) Toluene-d8	*103*		*75.0-131*		*12/21/2023 16:04*	WG2193796
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*12/21/2023 16:04*	WG2193796
(S) 1,2-Dichloroethane-d4	*73.9*		*70.0-130*		*12/21/2023 16:04*	WG2193796

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	89.3		1	12/19/2023 13:26	WG2192116

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	38.5		2.24	5	12/20/2023 21:06	WG2193265

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0631	1.02	12/21/2023 16:24	WG2193796
Acrylonitrile	ND		0.0158	1.02	12/21/2023 16:24	WG2193796
Benzene	ND		0.00126	1.02	12/21/2023 16:24	WG2193796
Bromobenzene	ND		0.0158	1.02	12/21/2023 16:24	WG2193796
Bromodichloromethane	ND		0.00315	1.02	12/21/2023 16:24	WG2193796
Bromoform	ND		0.0315	1.02	12/21/2023 16:24	WG2193796
Bromomethane	ND		0.0158	1.02	12/21/2023 16:24	WG2193796
n-Butylbenzene	ND		0.0158	1.02	12/21/2023 16:24	WG2193796
sec-Butylbenzene	ND		0.0158	1.02	12/21/2023 16:24	WG2193796
tert-Butylbenzene	ND		0.00631	1.02	12/21/2023 16:24	WG2193796
Carbon tetrachloride	ND		0.00631	1.02	12/21/2023 16:24	WG2193796
Chlorobenzene	ND		0.00315	1.02	12/21/2023 16:24	WG2193796
Chlorodibromomethane	ND		0.00315	1.02	12/21/2023 16:24	WG2193796
Chloroethane	ND		0.00631	1.02	12/21/2023 16:24	WG2193796
Chloroform	ND		0.00315	1.02	12/21/2023 16:24	WG2193796
Chloromethane	ND		0.0158	1.02	12/21/2023 16:24	WG2193796
2-Chlorotoluene	ND		0.00315	1.02	12/21/2023 16:24	WG2193796
4-Chlorotoluene	ND		0.00631	1.02	12/21/2023 16:24	WG2193796
1,2-Dibromo-3-Chloropropane	ND		0.0315	1.02	12/21/2023 16:24	WG2193796
1,2-Dibromoethane	ND		0.00315	1.02	12/21/2023 16:24	WG2193796
Dibromomethane	ND		0.00631	1.02	12/21/2023 16:24	WG2193796
1,2-Dichlorobenzene	ND		0.00631	1.02	12/21/2023 16:24	WG2193796
1,3-Dichlorobenzene	ND		0.00631	1.02	12/21/2023 16:24	WG2193796
1,4-Dichlorobenzene	ND		0.00631	1.02	12/21/2023 16:24	WG2193796
Dichlorodifluoromethane	ND		0.00631	1.02	12/21/2023 16:24	WG2193796
1,1-Dichloroethane	ND		0.00315	1.02	12/21/2023 16:24	WG2193796
1,2-Dichloroethane	ND		0.00315	1.02	12/21/2023 16:24	WG2193796
1,1-Dichloroethene	ND		0.00315	1.02	12/21/2023 16:24	WG2193796
cis-1,2-Dichloroethene	ND		0.00315	1.02	12/21/2023 16:24	WG2193796
trans-1,2-Dichloroethene	ND		0.00631	1.02	12/21/2023 16:24	WG2193796
1,2-Dichloropropane	ND		0.00631	1.02	12/21/2023 16:24	WG2193796
1,1-Dichloropropene	ND		0.00315	1.02	12/21/2023 16:24	WG2193796
1,3-Dichloropropane	ND		0.00631	1.02	12/21/2023 16:24	WG2193796
cis-1,3-Dichloropropene	ND		0.00315	1.02	12/21/2023 16:24	WG2193796
trans-1,3-Dichloropropene	ND		0.00631	1.02	12/21/2023 16:24	WG2193796
2,2-Dichloropropane	ND		0.00315	1.02	12/21/2023 16:24	WG2193796
Di-isopropyl ether	ND		0.00126	1.02	12/21/2023 16:24	WG2193796
Ethylbenzene	ND		0.00315	1.02	12/21/2023 16:24	WG2193796
Hexachloro-1,3-butadiene	ND		0.0315	1.02	12/21/2023 16:24	WG2193796
Isopropylbenzene	ND		0.00315	1.02	12/21/2023 16:24	WG2193796
p-Isopropyltoluene	ND		0.00631	1.02	12/21/2023 16:24	WG2193796
2-Butanone (MEK)	ND	C3	0.126	1.02	12/21/2023 16:24	WG2193796
Methylene Chloride	ND		0.0315	1.02	12/21/2023 16:24	WG2193796
4-Methyl-2-pentanone (MIBK)	ND		0.0315	1.02	12/21/2023 16:24	WG2193796
Methyl tert-butyl ether	ND		0.00126	1.02	12/21/2023 16:24	WG2193796

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND		0.0158	1.02	12/21/2023 16:24	WG2193796
n-Propylbenzene	ND		0.00631	1.02	12/21/2023 16:24	WG2193796
Styrene	ND		0.0158	1.02	12/21/2023 16:24	WG2193796
1,1,1,2-Tetrachloroethane	ND		0.00315	1.02	12/21/2023 16:24	WG2193796
1,1,2,2-Tetrachloroethane	ND		0.00315	1.02	12/21/2023 16:24	WG2193796
Tetrachloroethene	ND		0.00315	1.02	12/21/2023 16:24	WG2193796
Toluene	ND		0.00631	1.02	12/21/2023 16:24	WG2193796
1,2,3-Trichlorobenzene	ND		0.0158	1.02	12/21/2023 16:24	WG2193796
1,2,4-Trichlorobenzene	ND		0.0158	1.02	12/21/2023 16:24	WG2193796
1,1,1-Trichloroethane	ND		0.00315	1.02	12/21/2023 16:24	WG2193796
1,1,2-Trichloroethane	ND		0.00315	1.02	12/21/2023 16:24	WG2193796
Trichloroethene	ND		0.00126	1.02	12/21/2023 16:24	WG2193796
Trichlorofluoromethane	ND		0.00315	1.02	12/21/2023 16:24	WG2193796
1,2,3-Trichloropropane	ND		0.0158	1.02	12/21/2023 16:24	WG2193796
1,2,4-Trimethylbenzene	ND		0.00631	1.02	12/21/2023 16:24	WG2193796
1,3,5-Trimethylbenzene	ND		0.00631	1.02	12/21/2023 16:24	WG2193796
Vinyl chloride	ND		0.00315	1.02	12/21/2023 16:24	WG2193796
Xylenes, Total	ND		0.00820	1.02	12/21/2023 16:24	WG2193796
(S) Toluene-d8	*103*		*75.0-131*		*12/21/2023 16:24*	WG2193796
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*12/21/2023 16:24*	WG2193796
(S) 1,2-Dichloroethane-d4	*78.0*		*70.0-130*		*12/21/2023 16:24*	WG2193796

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.3		1	12/19/2023 13:26	WG2192116

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	63.1		2.49	5	12/20/2023 21:09	WG2193265

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0814	1.11	12/21/2023 16:43	WG2193796
Acrylonitrile	ND		0.0204	1.11	12/21/2023 16:43	WG2193796
Benzene	ND		0.00163	1.11	12/21/2023 16:43	WG2193796
Bromobenzene	ND		0.0204	1.11	12/21/2023 16:43	WG2193796
Bromodichloromethane	ND		0.00408	1.11	12/21/2023 16:43	WG2193796
Bromoform	ND		0.0408	1.11	12/21/2023 16:43	WG2193796
Bromomethane	ND		0.0204	1.11	12/21/2023 16:43	WG2193796
n-Butylbenzene	ND		0.0204	1.11	12/21/2023 16:43	WG2193796
sec-Butylbenzene	ND		0.0204	1.11	12/21/2023 16:43	WG2193796
tert-Butylbenzene	ND		0.00814	1.11	12/21/2023 16:43	WG2193796
Carbon tetrachloride	ND		0.00814	1.11	12/21/2023 16:43	WG2193796
Chlorobenzene	ND		0.00408	1.11	12/21/2023 16:43	WG2193796
Chlorodibromomethane	ND		0.00408	1.11	12/21/2023 16:43	WG2193796
Chloroethane	ND		0.00814	1.11	12/21/2023 16:43	WG2193796
Chloroform	ND		0.00408	1.11	12/21/2023 16:43	WG2193796
Chloromethane	ND		0.0204	1.11	12/21/2023 16:43	WG2193796
2-Chlorotoluene	ND		0.00408	1.11	12/21/2023 16:43	WG2193796
4-Chlorotoluene	ND		0.00814	1.11	12/21/2023 16:43	WG2193796
1,2-Dibromo-3-Chloropropane	ND		0.0408	1.11	12/21/2023 16:43	WG2193796
1,2-Dibromoethane	ND		0.00408	1.11	12/21/2023 16:43	WG2193796
Dibromomethane	ND		0.00814	1.11	12/21/2023 16:43	WG2193796
1,2-Dichlorobenzene	ND		0.00814	1.11	12/21/2023 16:43	WG2193796
1,3-Dichlorobenzene	ND		0.00814	1.11	12/21/2023 16:43	WG2193796
1,4-Dichlorobenzene	ND		0.00814	1.11	12/21/2023 16:43	WG2193796
Dichlorodifluoromethane	ND		0.00814	1.11	12/21/2023 16:43	WG2193796
1,1-Dichloroethane	ND		0.00408	1.11	12/21/2023 16:43	WG2193796
1,2-Dichloroethane	ND		0.00408	1.11	12/21/2023 16:43	WG2193796
1,1-Dichloroethene	ND		0.00408	1.11	12/21/2023 16:43	WG2193796
cis-1,2-Dichloroethene	ND		0.00408	1.11	12/21/2023 16:43	WG2193796
trans-1,2-Dichloroethene	ND		0.00814	1.11	12/21/2023 16:43	WG2193796
1,2-Dichloropropane	ND		0.00814	1.11	12/21/2023 16:43	WG2193796
1,1-Dichloropropene	ND		0.00408	1.11	12/21/2023 16:43	WG2193796
1,3-Dichloropropane	ND		0.00814	1.11	12/21/2023 16:43	WG2193796
cis-1,3-Dichloropropene	ND		0.00408	1.11	12/21/2023 16:43	WG2193796
trans-1,3-Dichloropropene	ND		0.00814	1.11	12/21/2023 16:43	WG2193796
2,2-Dichloropropane	ND		0.00408	1.11	12/21/2023 16:43	WG2193796
Di-isopropyl ether	ND		0.00163	1.11	12/21/2023 16:43	WG2193796
Ethylbenzene	ND		0.00408	1.11	12/21/2023 16:43	WG2193796
Hexachloro-1,3-butadiene	ND		0.0408	1.11	12/21/2023 16:43	WG2193796
Isopropylbenzene	ND		0.00408	1.11	12/21/2023 16:43	WG2193796
p-Isopropyltoluene	ND		0.00814	1.11	12/21/2023 16:43	WG2193796
2-Butanone (MEK)	ND	C3	0.163	1.11	12/21/2023 16:43	WG2193796
Methylene Chloride	ND		0.0408	1.11	12/21/2023 16:43	WG2193796
4-Methyl-2-pentanone (MIBK)	ND		0.0408	1.11	12/21/2023 16:43	WG2193796
Methyl tert-butyl ether	ND		0.00163	1.11	12/21/2023 16:43	WG2193796

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND		0.0204	1.11	12/21/2023 16:43	WG2193796
n-Propylbenzene	ND		0.00814	1.11	12/21/2023 16:43	WG2193796
Styrene	ND		0.0204	1.11	12/21/2023 16:43	WG2193796
1,1,1,2-Tetrachloroethane	ND		0.00408	1.11	12/21/2023 16:43	WG2193796
1,1,2,2-Tetrachloroethane	ND		0.00408	1.11	12/21/2023 16:43	WG2193796
Tetrachloroethene	ND		0.00408	1.11	12/21/2023 16:43	WG2193796
Toluene	ND		0.00814	1.11	12/21/2023 16:43	WG2193796
1,2,3-Trichlorobenzene	ND		0.0204	1.11	12/21/2023 16:43	WG2193796
1,2,4-Trichlorobenzene	ND		0.0204	1.11	12/21/2023 16:43	WG2193796
1,1,1-Trichloroethane	ND		0.00408	1.11	12/21/2023 16:43	WG2193796
1,1,2-Trichloroethane	ND		0.00408	1.11	12/21/2023 16:43	WG2193796
Trichloroethene	ND		0.00163	1.11	12/21/2023 16:43	WG2193796
Trichlorofluoromethane	ND		0.00408	1.11	12/21/2023 16:43	WG2193796
1,2,3-Trichloropropane	ND		0.0204	1.11	12/21/2023 16:43	WG2193796
1,2,4-Trimethylbenzene	ND		0.00814	1.11	12/21/2023 16:43	WG2193796
1,3,5-Trimethylbenzene	ND		0.00814	1.11	12/21/2023 16:43	WG2193796
Vinyl chloride	ND		0.00408	1.11	12/21/2023 16:43	WG2193796
Xylenes, Total	ND		0.0106	1.11	12/21/2023 16:43	WG2193796
(S) Toluene-d8	*103*		*75.0-131*		*12/21/2023 16:43*	WG2193796
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*12/21/2023 16:43*	WG2193796
(S) 1,2-Dichloroethane-d4	*72.7*		*70.0-130*		*12/21/2023 16:43*	WG2193796

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	77.0		1	12/19/2023 13:26	WG2192116

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	7.87	O1	2.60	5	12/20/2023 20:09	WG2193265

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0821	1	12/21/2023 17:02	WG2193796
Acrylonitrile	ND		0.0205	1	12/21/2023 17:02	WG2193796
Benzene	ND		0.00164	1	12/21/2023 17:02	WG2193796
Bromobenzene	ND		0.0205	1	12/21/2023 17:02	WG2193796
Bromodichloromethane	ND		0.00411	1	12/21/2023 17:02	WG2193796
Bromoform	ND		0.0411	1	12/21/2023 17:02	WG2193796
Bromomethane	ND		0.0205	1	12/21/2023 17:02	WG2193796
n-Butylbenzene	ND		0.0205	1	12/21/2023 17:02	WG2193796
sec-Butylbenzene	ND		0.0205	1	12/21/2023 17:02	WG2193796
tert-Butylbenzene	ND		0.00821	1	12/21/2023 17:02	WG2193796
Carbon tetrachloride	ND		0.00821	1	12/21/2023 17:02	WG2193796
Chlorobenzene	ND		0.00411	1	12/21/2023 17:02	WG2193796
Chlorodibromomethane	ND		0.00411	1	12/21/2023 17:02	WG2193796
Chloroethane	ND		0.00821	1	12/21/2023 17:02	WG2193796
Chloroform	ND		0.00411	1	12/21/2023 17:02	WG2193796
Chloromethane	ND		0.0205	1	12/21/2023 17:02	WG2193796
2-Chlorotoluene	ND		0.00411	1	12/21/2023 17:02	WG2193796
4-Chlorotoluene	ND		0.00821	1	12/21/2023 17:02	WG2193796
1,2-Dibromo-3-Chloropropane	ND		0.0411	1	12/21/2023 17:02	WG2193796
1,2-Dibromoethane	ND		0.00411	1	12/21/2023 17:02	WG2193796
Dibromomethane	ND		0.00821	1	12/21/2023 17:02	WG2193796
1,2-Dichlorobenzene	ND		0.00821	1	12/21/2023 17:02	WG2193796
1,3-Dichlorobenzene	ND		0.00821	1	12/21/2023 17:02	WG2193796
1,4-Dichlorobenzene	ND		0.00821	1	12/21/2023 17:02	WG2193796
Dichlorodifluoromethane	ND		0.00821	1	12/21/2023 17:02	WG2193796
1,1-Dichloroethane	ND		0.00411	1	12/21/2023 17:02	WG2193796
1,2-Dichloroethane	ND		0.00411	1	12/21/2023 17:02	WG2193796
1,1-Dichloroethene	ND		0.00411	1	12/21/2023 17:02	WG2193796
cis-1,2-Dichloroethene	ND		0.00411	1	12/21/2023 17:02	WG2193796
trans-1,2-Dichloroethene	ND		0.00821	1	12/21/2023 17:02	WG2193796
1,2-Dichloropropane	ND		0.00821	1	12/21/2023 17:02	WG2193796
1,1-Dichloropropene	ND		0.00411	1	12/21/2023 17:02	WG2193796
1,3-Dichloropropane	ND		0.00821	1	12/21/2023 17:02	WG2193796
cis-1,3-Dichloropropene	ND		0.00411	1	12/21/2023 17:02	WG2193796
trans-1,3-Dichloropropene	ND		0.00821	1	12/21/2023 17:02	WG2193796
2,2-Dichloropropane	ND		0.00411	1	12/21/2023 17:02	WG2193796
Di-isopropyl ether	ND		0.00164	1	12/21/2023 17:02	WG2193796
Ethylbenzene	ND		0.00411	1	12/21/2023 17:02	WG2193796
Hexachloro-1,3-butadiene	ND		0.0411	1	12/21/2023 17:02	WG2193796
Isopropylbenzene	ND		0.00411	1	12/21/2023 17:02	WG2193796
p-Isopropyltoluene	ND		0.00821	1	12/21/2023 17:02	WG2193796
2-Butanone (MEK)	ND	C3	0.164	1	12/21/2023 17:02	WG2193796
Methylene Chloride	ND		0.0411	1	12/21/2023 17:02	WG2193796
4-Methyl-2-pentanone (MIBK)	ND		0.0411	1	12/21/2023 17:02	WG2193796
Methyl tert-butyl ether	ND		0.00164	1	12/21/2023 17:02	WG2193796

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND		0.0205	1	12/21/2023 17:02	WG2193796
n-Propylbenzene	ND		0.00821	1	12/21/2023 17:02	WG2193796
Styrene	ND		0.0205	1	12/21/2023 17:02	WG2193796
1,1,1,2-Tetrachloroethane	ND		0.00411	1	12/21/2023 17:02	WG2193796
1,1,2,2-Tetrachloroethane	ND		0.00411	1	12/21/2023 17:02	WG2193796
Tetrachloroethene	ND		0.00411	1	12/21/2023 17:02	WG2193796
Toluene	ND		0.00821	1	12/21/2023 17:02	WG2193796
1,2,3-Trichlorobenzene	ND		0.0205	1	12/21/2023 17:02	WG2193796
1,2,4-Trichlorobenzene	ND		0.0205	1	12/21/2023 17:02	WG2193796
1,1,1-Trichloroethane	ND		0.00411	1	12/21/2023 17:02	WG2193796
1,1,2-Trichloroethane	ND		0.00411	1	12/21/2023 17:02	WG2193796
Trichloroethene	ND		0.00164	1	12/21/2023 17:02	WG2193796
Trichlorofluoromethane	ND		0.00411	1	12/21/2023 17:02	WG2193796
1,2,3-Trichloropropane	ND		0.0205	1	12/21/2023 17:02	WG2193796
1,2,4-Trimethylbenzene	ND		0.00821	1	12/21/2023 17:02	WG2193796
1,3,5-Trimethylbenzene	ND		0.00821	1	12/21/2023 17:02	WG2193796
Vinyl chloride	ND		0.00411	1	12/21/2023 17:02	WG2193796
Xylenes, Total	ND		0.0107	1	12/21/2023 17:02	WG2193796
(S) Toluene-d8	*103*		*75.0-131*		*12/21/2023 17:02*	WG2193796
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*12/21/2023 17:02*	WG2193796
(S) 1,2-Dichloroethane-d4	*72.6*		*70.0-130*		*12/21/2023 17:02*	WG2193796

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	50.0	1	12/22/2023 02:44	WG2194419
Acrolein	ND	C3	50.0	1	12/22/2023 02:44	WG2194419
Acrylonitrile	ND		10.0	1	12/22/2023 02:44	WG2194419
Benzene	ND		1.00	1	12/22/2023 02:44	WG2194419
Bromobenzene	ND		1.00	1	12/22/2023 02:44	WG2194419
Bromodichloromethane	ND		1.00	1	12/22/2023 02:44	WG2194419
Bromoform	ND		1.00	1	12/22/2023 02:44	WG2194419
Bromomethane	ND	C3	5.00	1	12/22/2023 02:44	WG2194419
n-Butylbenzene	ND		1.00	1	12/22/2023 02:44	WG2194419
sec-Butylbenzene	ND		1.00	1	12/22/2023 02:44	WG2194419
tert-Butylbenzene	ND		1.00	1	12/22/2023 02:44	WG2194419
Carbon tetrachloride	ND		1.00	1	12/22/2023 02:44	WG2194419
Chlorobenzene	ND		1.00	1	12/22/2023 02:44	WG2194419
Chlorodibromomethane	ND		1.00	1	12/22/2023 02:44	WG2194419
Chloroethane	ND	C3	5.00	1	12/22/2023 02:44	WG2194419
Chloroform	ND		5.00	1	12/22/2023 02:44	WG2194419
Chloromethane	ND		2.50	1	12/22/2023 02:44	WG2194419
2-Chlorotoluene	ND		1.00	1	12/22/2023 02:44	WG2194419
4-Chlorotoluene	ND		1.00	1	12/22/2023 02:44	WG2194419
1,2-Dibromo-3-Chloropropane	ND		5.00	1	12/22/2023 02:44	WG2194419
1,2-Dibromoethane	ND		1.00	1	12/22/2023 02:44	WG2194419
Dibromomethane	ND		1.00	1	12/22/2023 02:44	WG2194419
1,2-Dichlorobenzene	ND		1.00	1	12/22/2023 02:44	WG2194419
1,3-Dichlorobenzene	ND		1.00	1	12/22/2023 02:44	WG2194419
1,4-Dichlorobenzene	ND		1.00	1	12/22/2023 02:44	WG2194419
Dichlorodifluoromethane	ND	J4	5.00	1	12/22/2023 02:44	WG2194419
1,1-Dichloroethane	ND		1.00	1	12/22/2023 02:44	WG2194419
1,2-Dichloroethane	ND		1.00	1	12/22/2023 02:44	WG2194419
1,1-Dichloroethene	ND	J4	1.00	1	12/22/2023 02:44	WG2194419
cis-1,2-Dichloroethene	ND		1.00	1	12/22/2023 02:44	WG2194419
trans-1,2-Dichloroethene	ND		1.00	1	12/22/2023 02:44	WG2194419
1,2-Dichloropropane	ND		1.00	1	12/22/2023 02:44	WG2194419
1,1-Dichloropropene	ND		1.00	1	12/22/2023 02:44	WG2194419
1,3-Dichloropropane	ND		1.00	1	12/22/2023 02:44	WG2194419
cis-1,3-Dichloropropene	ND		1.00	1	12/22/2023 02:44	WG2194419
trans-1,3-Dichloropropene	ND		1.00	1	12/22/2023 02:44	WG2194419
2,2-Dichloropropane	ND		1.00	1	12/22/2023 02:44	WG2194419
Di-isopropyl ether	ND	J4	1.00	1	12/22/2023 02:44	WG2194419
Ethylbenzene	ND		1.00	1	12/22/2023 02:44	WG2194419
Hexachloro-1,3-butadiene	ND		1.00	1	12/22/2023 02:44	WG2194419
Isopropylbenzene	ND		1.00	1	12/22/2023 02:44	WG2194419
p-Isopropyltoluene	ND		1.00	1	12/22/2023 02:44	WG2194419
2-Butanone (MEK)	ND		10.0	1	12/22/2023 02:44	WG2194419
Methylene Chloride	ND		5.00	1	12/22/2023 02:44	WG2194419
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	12/22/2023 02:44	WG2194419
Methyl tert-butyl ether	ND		1.00	1	12/22/2023 02:44	WG2194419
Naphthalene	ND	C3	5.00	1	12/22/2023 02:44	WG2194419
n-Propylbenzene	ND		1.00	1	12/22/2023 02:44	WG2194419
Styrene	ND		1.00	1	12/22/2023 02:44	WG2194419
1,1,1,2-Tetrachloroethane	ND		1.00	1	12/22/2023 02:44	WG2194419
1,1,2,2-Tetrachloroethane	ND		1.00	1	12/22/2023 02:44	WG2194419
Tetrachloroethene	ND		1.00	1	12/22/2023 02:44	WG2194419
Toluene	ND		1.00	1	12/22/2023 02:44	WG2194419
1,2,3-Trichlorobenzene	ND		1.00	1	12/22/2023 02:44	WG2194419
1,2,4-Trichlorobenzene	ND		1.00	1	12/22/2023 02:44	WG2194419
1,1,1-Trichloroethane	ND		1.00	1	12/22/2023 02:44	WG2194419

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	ND		1.00	1	12/22/2023 02:44	WG2194419
Trichloroethene	ND		1.00	1	12/22/2023 02:44	WG2194419
Trichlorofluoromethane	ND	C3	5.00	1	12/22/2023 02:44	WG2194419
1,2,3-Trichloropropane	ND		2.50	1	12/22/2023 02:44	WG2194419
1,2,4-Trimethylbenzene	ND		1.00	1	12/22/2023 02:44	WG2194419
1,3,5-Trimethylbenzene	ND		1.00	1	12/22/2023 02:44	WG2194419
Vinyl chloride	ND		1.00	1	12/22/2023 02:44	WG2194419
Xylenes, Total	ND		3.00	1	12/22/2023 02:44	WG2194419
(S) Toluene-d8	*97.1*		*80.0-120*		*12/22/2023 02:44*	WG2194419
(S) 4-Bromofluorobenzene	*96.3*		*77.0-126*		*12/22/2023 02:44*	WG2194419
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*12/22/2023 02:44*	WG2194419

Method Blank (MB)

(MB) R4014669-1 12/19/23 13:26

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00200			

L1689093-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1689093-06 12/19/23 13:26 • (DUP) R4014669-3 12/19/23 13:26

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	81.7	85.4	1	4.42		10

Laboratory Control Sample (LCS)

(LCS) R4014669-2 12/19/23 13:26

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	90.0-110	

Method Blank (MB)

(MB) R4015055-1 12/20/23 20:03

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Lead	U		0.0990	2.00

Laboratory Control Sample (LCS)

(LCS) R4015055-2 12/20/23 20:06

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	100	91.6	91.6	80.0-120	

L1689093-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1689093-10 12/20/23 20:09 • (MS) R4015055-5 12/20/23 20:19 • (MSD) R4015055-6 12/20/23 20:22

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	130	7.87	127	134	92.1	97.5	5	75.0-125			5.35	20

Method Blank (MB)

(MB) R4015240-3 12/21/23 00:16

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	0.00128	J	0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00500
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R4015240-3 12/21/23 00:16

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	0.00988	J	0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*105*			*75.0-131*
(S) 4-Bromofluorobenzene	*98.1*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4015240-1 12/20/23 22:40 • (LCSD) R4015240-2 12/20/23 22:59

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.869	0.664	139	106	10.0-160			26.7	31
Acrylonitrile	0.625	0.741	0.732	119	117	45.0-153			1.22	22
Benzene	0.125	0.126	0.128	101	102	70.0-123			1.57	20
Bromobenzene	0.125	0.114	0.134	91.2	107	73.0-121			16.1	20
Bromodichloromethane	0.125	0.128	0.132	102	106	73.0-121			3.08	20
Bromoform	0.125	0.120	0.117	96.0	93.6	64.0-132			2.53	20
Bromomethane	0.125	0.127	0.142	102	114	56.0-147			11.2	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4015240-1 12/20/23 22:40 • (LCSD) R4015240-2 12/20/23 22:59

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
n-Butylbenzene	0.125	0.120	0.121	96.0	96.8	68.0-135			0.830	20
sec-Butylbenzene	0.125	0.117	0.140	93.6	112	74.0-130			17.9	20
tert-Butylbenzene	0.125	0.120	0.143	96.0	114	75.0-127			17.5	20
Carbon tetrachloride	0.125	0.133	0.130	106	104	66.0-128			2.28	20
Chlorobenzene	0.125	0.117	0.125	93.6	100	76.0-128			6.61	20
Chlorodibromomethane	0.125	0.118	0.122	94.4	97.6	74.0-127			3.33	20
Chloroethane	0.125	0.135	0.144	108	115	61.0-134			6.45	20
Chloroform	0.125	0.117	0.121	93.6	96.8	72.0-123			3.36	20
Chloromethane	0.125	0.131	0.137	105	110	51.0-138			4.48	20
2-Chlorotoluene	0.125	0.103	0.129	82.4	103	75.0-124		J3	22.4	20
4-Chlorotoluene	0.125	0.118	0.139	94.4	111	75.0-124			16.3	20
1,2-Dibromo-3-Chloropropane	0.125	0.132	0.124	106	99.2	59.0-130			6.25	20
1,2-Dibromoethane	0.125	0.114	0.119	91.2	95.2	74.0-128			4.29	20
Dibromomethane	0.125	0.119	0.121	95.2	96.8	75.0-122			1.67	20
1,2-Dichlorobenzene	0.125	0.117	0.124	93.6	99.2	76.0-124			5.81	20
1,3-Dichlorobenzene	0.125	0.111	0.124	88.8	99.2	76.0-125			11.1	20
1,4-Dichlorobenzene	0.125	0.116	0.126	92.8	101	77.0-121			8.26	20
Dichlorodifluoromethane	0.125	0.165	0.163	132	130	43.0-156			1.22	20
1,1-Dichloroethane	0.125	0.127	0.130	102	104	70.0-127			2.33	20
1,2-Dichloroethane	0.125	0.122	0.123	97.6	98.4	65.0-131			0.816	20
1,1-Dichloroethene	0.125	0.131	0.141	105	113	65.0-131			7.35	20
cis-1,2-Dichloroethene	0.125	0.125	0.133	100	106	73.0-125			6.20	20
trans-1,2-Dichloroethene	0.125	0.131	0.138	105	110	71.0-125			5.20	20
1,2-Dichloropropane	0.125	0.116	0.123	92.8	98.4	74.0-125			5.86	20
1,1-Dichloropropene	0.125	0.132	0.136	106	109	73.0-125			2.99	20
1,3-Dichloropropane	0.125	0.119	0.128	95.2	102	80.0-125			7.29	20
cis-1,3-Dichloropropene	0.125	0.122	0.127	97.6	102	76.0-127			4.02	20
trans-1,3-Dichloropropene	0.125	0.119	0.126	95.2	101	73.0-127			5.71	20
2,2-Dichloropropane	0.125	0.151	0.148	121	118	59.0-135			2.01	20
Di-isopropyl ether	0.125	0.121	0.128	96.8	102	60.0-136			5.62	20
Ethylbenzene	0.125	0.120	0.125	96.0	100	74.0-126			4.08	20
Hexachloro-1,3-butadiene	0.125	0.156	0.118	125	94.4	57.0-150		J3	27.7	20
Isopropylbenzene	0.125	0.123	0.127	98.4	102	72.0-127			3.20	20
p-Isopropyltoluene	0.125	0.125	0.140	100	112	72.0-133			11.3	20
2-Butanone (MEK)	0.625	0.676	0.709	108	113	30.0-160			4.77	24
Methylene Chloride	0.125	0.119	0.125	95.2	100	68.0-123			4.92	20
4-Methyl-2-pentanone (MIBK)	0.625	0.674	0.693	108	111	56.0-143			2.78	20
Methyl tert-butyl ether	0.125	0.127	0.131	102	105	66.0-132			3.10	20
Naphthalene	0.125	0.118	0.107	94.4	85.6	59.0-130			9.78	20
n-Propylbenzene	0.125	0.124	0.147	99.2	118	74.0-126			17.0	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4015240-1 12/20/23 22:40 • (LCSD) R4015240-2 12/20/23 22:59

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Styrene	0.125	0.118	0.120	94.4	96.0	72.0-127			1.68	20
1,1,1,2-Tetrachloroethane	0.125	0.120	0.126	96.0	101	74.0-129			4.88	20
1,1,2,2-Tetrachloroethane	0.125	0.121	0.133	96.8	106	68.0-128			9.45	20
Tetrachloroethene	0.125	0.117	0.126	93.6	101	70.0-136			7.41	20
Toluene	0.125	0.126	0.132	101	106	75.0-121			4.65	20
1,2,3-Trichlorobenzene	0.125	0.111	0.0943	88.8	75.4	59.0-139			16.3	20
1,2,4-Trichlorobenzene	0.125	0.130	0.105	104	84.0	62.0-137		J3	21.3	20
1,1,1-Trichloroethane	0.125	0.131	0.132	105	106	69.0-126			0.760	20
1,1,2-Trichloroethane	0.125	0.114	0.119	91.2	95.2	78.0-123			4.29	20
Trichloroethene	0.125	0.124	0.131	99.2	105	76.0-126			5.49	20
Trichlorofluoromethane	0.125	0.152	0.149	122	119	61.0-142			1.99	20
1,2,3-Trichloropropane	0.125	0.119	0.132	95.2	106	67.0-129			10.4	20
1,2,4-Trimethylbenzene	0.125	0.114	0.130	91.2	104	70.0-126			13.1	20
1,3,5-Trimethylbenzene	0.125	0.118	0.138	94.4	110	73.0-127			15.6	20
Vinyl chloride	0.125	0.136	0.137	109	110	63.0-134			0.733	20
Xylenes, Total	0.375	0.377	0.392	101	105	72.0-127			3.90	20
(S) Toluene-d8				*99.8*	*102*	*75.0-131*				
(S) 4-Bromofluorobenzene				*102*	*96.0*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*110*	*108*	*70.0-130*				

Method Blank (MB)

(MB) R4016021-3 12/21/23 12:40

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	0.00115	J	0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00500
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R4016021-3 12/21/23 12:40

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	0.0113	J	0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*103*			*75.0-131*
(S) 4-Bromofluorobenzene	*103*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*74.1*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4016021-1 12/21/23 11:04 • (LCSD) R4016021-2 12/21/23 11:23

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.342	0.288	54.7	46.1	10.0-160			17.1	31
Acrylonitrile	0.625	0.653	0.600	104	96.0	45.0-153			8.46	22
Benzene	0.125	0.130	0.122	104	97.6	70.0-123			6.35	20
Bromobenzene	0.125	0.125	0.123	100	98.4	73.0-121			1.61	20
Bromodichloromethane	0.125	0.124	0.120	99.2	96.0	73.0-121			3.28	20
Bromoform	0.125	0.128	0.128	102	102	64.0-132			0.000	20
Bromomethane	0.125	0.137	0.129	110	103	56.0-147			6.02	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4016021-1 12/21/23 11:04 • (LCSD) R4016021-2 12/21/23 11:23

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
n-Butylbenzene	0.125	0.107	0.112	85.6	89.6	68.0-135			4.57	20
sec-Butylbenzene	0.125	0.115	0.111	92.0	88.8	74.0-130			3.54	20
tert-Butylbenzene	0.125	0.116	0.116	92.8	92.8	75.0-127			0.000	20
Carbon tetrachloride	0.125	0.136	0.133	109	106	66.0-128			2.23	20
Chlorobenzene	0.125	0.140	0.133	112	106	76.0-128			5.13	20
Chlorodibromomethane	0.125	0.129	0.126	103	101	74.0-127			2.35	20
Chloroethane	0.125	0.123	0.114	98.4	91.2	61.0-134			7.59	20
Chloroform	0.125	0.127	0.118	102	94.4	72.0-123			7.35	20
Chloromethane	0.125	0.106	0.0999	84.8	79.9	51.0-138			5.93	20
2-Chlorotoluene	0.125	0.121	0.114	96.8	91.2	75.0-124			5.96	20
4-Chlorotoluene	0.125	0.108	0.111	86.4	88.8	75.0-124			2.74	20
1,2-Dibromo-3-Chloropropane	0.125	0.133	0.132	106	106	59.0-130			0.755	20
1,2-Dibromoethane	0.125	0.132	0.126	106	101	74.0-128			4.65	20
Dibromomethane	0.125	0.142	0.131	114	105	75.0-122			8.06	20
1,2-Dichlorobenzene	0.125	0.123	0.124	98.4	99.2	76.0-124			0.810	20
1,3-Dichlorobenzene	0.125	0.121	0.119	96.8	95.2	76.0-125			1.67	20
1,4-Dichlorobenzene	0.125	0.120	0.119	96.0	95.2	77.0-121			0.837	20
Dichlorodifluoromethane	0.125	0.154	0.141	123	113	43.0-156			8.81	20
1,1-Dichloroethane	0.125	0.114	0.109	91.2	87.2	70.0-127			4.48	20
1,2-Dichloroethane	0.125	0.117	0.112	93.6	89.6	65.0-131			4.37	20
1,1-Dichloroethene	0.125	0.112	0.105	89.6	84.0	65.0-131			6.45	20
cis-1,2-Dichloroethene	0.125	0.132	0.127	106	102	73.0-125			3.86	20
trans-1,2-Dichloroethene	0.125	0.139	0.127	111	102	71.0-125			9.02	20
1,2-Dichloropropane	0.125	0.127	0.120	102	96.0	74.0-125			5.67	20
1,1-Dichloropropene	0.125	0.136	0.124	109	99.2	73.0-125			9.23	20
1,3-Dichloropropane	0.125	0.126	0.119	101	95.2	80.0-125			5.71	20
cis-1,3-Dichloropropene	0.125	0.124	0.123	99.2	98.4	76.0-127			0.810	20
trans-1,3-Dichloropropene	0.125	0.115	0.111	92.0	88.8	73.0-127			3.54	20
2,2-Dichloropropane	0.125	0.107	0.119	85.6	95.2	59.0-135			10.6	20
Di-isopropyl ether	0.125	0.100	0.0951	80.0	76.1	60.0-136			5.02	20
Ethylbenzene	0.125	0.137	0.132	110	106	74.0-126			3.72	20
Hexachloro-1,3-butadiene	0.125	0.139	0.151	111	121	57.0-150			8.28	20
Isopropylbenzene	0.125	0.141	0.138	113	110	72.0-127			2.15	20
p-Isopropyltoluene	0.125	0.114	0.115	91.2	92.0	72.0-133			0.873	20
2-Butanone (MEK)	0.625	0.473	0.592	75.7	94.7	30.0-160			22.3	24
Methylene Chloride	0.125	0.126	0.122	101	97.6	68.0-123			3.23	20
4-Methyl-2-pentanone (MIBK)	0.625	0.554	0.533	88.6	85.3	56.0-143			3.86	20
Methyl tert-butyl ether	0.125	0.126	0.123	101	98.4	66.0-132			2.41	20
Naphthalene	0.125	0.133	0.134	106	107	59.0-130			0.749	20
n-Propylbenzene	0.125	0.111	0.110	88.8	88.0	74.0-126			0.905	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4016021-1 12/21/23 11:04 • (LCSD) R4016021-2 12/21/23 11:23

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Styrene	0.125	0.131	0.126	105	101	72.0-127			3.89	20
1,1,1,2-Tetrachloroethane	0.125	0.135	0.135	108	108	74.0-129			0.000	20
1,1,2,2-Tetrachloroethane	0.125	0.104	0.112	83.2	89.6	68.0-128			7.41	20
Tetrachloroethene	0.125	0.157	0.148	126	118	70.0-136			5.90	20
Toluene	0.125	0.139	0.131	111	105	75.0-121			5.93	20
1,2,3-Trichlorobenzene	0.125	0.120	0.124	96.0	99.2	59.0-139			3.28	20
1,2,4-Trichlorobenzene	0.125	0.126	0.127	101	102	62.0-137			0.791	20
1,1,1-Trichloroethane	0.125	0.127	0.126	102	101	69.0-126			0.791	20
1,1,2-Trichloroethane	0.125	0.141	0.137	113	110	78.0-123			2.88	20
Trichloroethene	0.125	0.152	0.138	122	110	76.0-126			9.66	20
Trichlorofluoromethane	0.125	0.120	0.125	96.0	100	61.0-142			4.08	20
1,2,3-Trichloropropane	0.125	0.114	0.113	91.2	90.4	67.0-129			0.881	20
1,2,4-Trimethylbenzene	0.125	0.116	0.114	92.8	91.2	70.0-126			1.74	20
1,3,5-Trimethylbenzene	0.125	0.113	0.110	90.4	88.0	73.0-127			2.69	20
Vinyl chloride	0.125	0.124	0.116	99.2	92.8	63.0-134			6.67	20
Xylenes, Total	0.375	0.431	0.401	115	107	72.0-127			7.21	20
(S) Toluene-d8				*103*	*100*	*75.0-131*				
(S) 4-Bromofluorobenzene				*106*	*103*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*86.7*	*87.4*	*70.0-130*				

L1688135-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1688135-01 12/21/23 13:32 • (MS) R4016021-4 12/21/23 19:55 • (MSD) R4016021-5 12/21/23 20:14

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	0.620	ND	0.179	0.180	28.9	29.0	1	10.0-160			0.557	40
Acrylonitrile	0.620	ND	0.403	0.382	65.0	61.6	1	10.0-160			5.35	40
Benzene	0.124	ND	0.0484	0.0947	39.0	76.4	1	10.0-149		J3	64.7	37
Bromobenzene	0.124	ND	0.0726	0.109	58.5	87.9	1	10.0-156		J3	40.1	38
Bromodichloromethane	0.124	ND	0.0680	0.107	54.8	86.3	1	10.0-143		J3	44.6	37
Bromoform	0.124	ND	0.0990	0.114	79.8	91.9	1	10.0-146			14.1	36
Bromomethane	0.124	ND	0.0330	0.0609	26.6	49.1	1	10.0-149		J3	59.4	38
n-Butylbenzene	0.124	ND	0.0416	0.0931	33.5	75.1	1	10.0-160		J3	76.5	40
sec-Butylbenzene	0.124	ND	0.0401	0.0950	32.3	76.6	1	10.0-159		J3	81.3	39
tert-Butylbenzene	0.124	ND	0.0423	0.0949	34.1	76.5	1	10.0-156		J3	76.7	39
Carbon tetrachloride	0.124	ND	0.0306	0.0847	24.7	68.3	1	10.0-145		J3	93.8	37
Chlorobenzene	0.124	ND	0.0679	0.112	54.8	90.3	1	10.0-152		J3	49.0	39
Chlorodibromomethane	0.124	ND	0.0863	0.112	69.6	90.3	1	10.0-146			25.9	37
Chloroethane	0.124	ND	0.0186	0.0440	15.0	35.5	1	10.0-146		J3	81.2	40

L1688135-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1688135-01 12/21/23 13:32 • (MS) R4016021-4 12/21/23 19:55 • (MSD) R4016021-5 12/21/23 20:14

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloroform	0.124	ND	0.0519	0.0917	41.0	73.1	1	10.0-146		J3	55.4	37
Chloromethane	0.124	ND	0.0286	0.0660	23.1	53.2	1	10.0-159		J3	79.1	37
2-Chlorotoluene	0.124	ND	0.0534	0.0919	43.1	74.1	1	10.0-159		J3	53.0	38
4-Chlorotoluene	0.124	ND	0.0546	0.0875	44.0	70.6	1	10.0-155		J3	46.3	39
1,2-Dibromo-3-Chloropropane	0.124	ND	0.0962	0.0990	77.6	79.8	1	10.0-151			2.87	39
1,2-Dibromoethane	0.124	ND	0.103	0.123	83.1	99.2	1	10.0-148			17.7	34
Dibromomethane	0.124	ND	0.0937	0.120	75.6	96.8	1	10.0-147			24.6	35
1,2-Dichlorobenzene	0.124	ND	0.0811	0.111	65.4	89.5	1	10.0-155			31.1	37
1,3-Dichlorobenzene	0.124	ND	0.0677	0.106	54.6	85.5	1	10.0-153		J3	44.1	38
1,4-Dichlorobenzene	0.124	ND	0.0688	0.105	55.5	84.7	1	10.0-151		J3	41.7	38
Dichlorodifluoromethane	0.124	ND	0.0254	0.0923	20.5	74.4	1	10.0-160		J3	114	35
1,1-Dichloroethane	0.124	ND	0.0434	0.0835	35.0	67.3	1	10.0-147		J3	63.2	37
1,2-Dichloroethane	0.124	ND	0.0688	0.0901	55.5	72.7	1	10.0-148			26.8	35
1,1-Dichloroethene	0.124	ND	0.0261	0.0733	21.0	59.1	1	10.0-155		J3	95.0	37
cis-1,2-Dichloroethene	0.124	ND	0.0547	0.0972	43.2	77.5	1	10.0-149		J3	56.0	37
trans-1,2-Dichloroethene	0.124	ND	0.0419	0.0915	33.8	73.8	1	10.0-150		J3	74.4	37
1,2-Dichloropropane	0.124	ND	0.0663	0.109	53.5	87.9	1	10.0-148		J3	48.7	37
1,1-Dichloropropene	0.124	ND	0.0339	0.0861	27.3	69.4	1	10.0-153		J3	87.0	35
1,3-Dichloropropane	0.124	ND	0.0962	0.116	77.6	93.5	1	10.0-154			18.7	35
cis-1,3-Dichloropropene	0.124	ND	0.0783	0.113	63.1	91.1	1	10.0-151			36.3	37
trans-1,3-Dichloropropene	0.124	ND	0.0812	0.107	65.5	86.3	1	10.0-148			27.4	37
2,2-Dichloropropane	0.124	ND	0.0260	0.0519	21.0	41.9	1	10.0-138		J3	66.5	36
Di-isopropyl ether	0.124	ND	0.0558	0.0775	45.0	62.5	1	10.0-147			32.6	36
Ethylbenzene	0.124	ND	0.0543	0.103	43.8	83.1	1	10.0-160		J3	61.9	38
Hexachloro-1,3-butadiene	0.124	ND	0.0595	0.136	48.0	110	1	10.0-160		J3	78.3	40
Isopropylbenzene	0.124	ND	0.0501	0.107	40.4	86.3	1	10.0-155		J3	72.4	38
p-Isopropyltoluene	0.124	ND	0.0446	0.0969	36.0	78.1	1	10.0-160		J3	73.9	40
2-Butanone (MEK)	0.620	ND	0.506	0.315	81.6	50.8	1	10.0-160		J3	46.5	40
Methylene Chloride	0.124	ND	ND	0.0979	12.4	79.0	1	10.0-141		J3	146	37
4-Methyl-2-pentanone (MIBK)	0.620	ND	0.484	0.482	78.1	77.7	1	10.0-160			0.414	35
Methyl tert-butyl ether	0.124	ND	0.0817	0.0974	65.9	78.5	1	11.0-147			17.5	35
Naphthalene	0.124	ND	0.100	0.112	80.6	90.3	1	10.0-160			11.3	36
n-Propylbenzene	0.124	ND	0.0412	0.0879	33.2	70.9	1	10.0-158		J3	72.3	38
Styrene	0.124	ND	0.0661	0.107	53.3	86.3	1	10.0-160		J3	47.3	40
1,1,1,2-Tetrachloroethane	0.124	ND	0.0698	0.110	56.3	88.7	1	10.0-149		J3	44.7	39
1,1,2,2-Tetrachloroethane	0.124	ND	0.0897	0.0987	71.3	78.5	1	10.0-160			9.55	35
Tetrachloroethene	0.124	ND	0.0476	0.107	38.4	86.3	1	10.0-156		J3	76.8	39
Toluene	0.124	ND	0.0536	0.105	43.2	84.7	1	10.0-156		J3	64.8	38
1,2,3-Trichlorobenzene	0.124	ND	0.0891	0.113	71.9	91.1	1	10.0-160			23.7	40
1,2,4-Trichlorobenzene	0.124	ND	0.0834	0.120	67.3	96.8	1	10.0-160			36.0	40

L1688135-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1688135-01 12/21/23 13:32 • (MS) R4016021-4 12/21/23 19:55 • (MSD) R4016021-5 12/21/23 20:14

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,1,1-Trichloroethane	0.124	ND	0.0299	0.0441	24.1	35.6	1	10.0-144		J3	38.4	35
1,1,2-Trichloroethane	0.124	ND	0.109	0.130	87.9	105	1	10.0-160			17.6	35
Trichloroethene	0.124	ND	0.0512	0.108	41.3	87.1	1	10.0-156		J3	71.4	38
Trichlorofluoromethane	0.124	ND	0.0106	0.0445	8.55	35.9	1	10.0-160	J6	J3	123	40
1,2,3-Trichloropropane	0.124	ND	0.0978	0.108	78.9	87.1	1	10.0-156			9.91	35
1,2,4-Trimethylbenzene	0.124	ND	0.0523	0.0935	42.2	75.4	1	10.0-160		J3	56.5	36
1,3,5-Trimethylbenzene	0.124	ND	0.0454	0.0881	36.6	71.0	1	10.0-160		J3	64.0	38
Vinyl chloride	0.124	ND	0.0232	0.0749	18.7	60.4	1	10.0-160		J3	105	37
Xylenes, Total	0.372	ND	0.175	0.316	47.0	84.9	1	10.0-160		J3	57.4	38
(S) Toluene-d8					*101*	*103*		*75.0-131*				
(S) 4-Bromofluorobenzene					*103*	*103*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*76.1*	*82.0*		*70.0-130*				

Method Blank (MB)

(MB) R4017042-3 12/22/23 02:04

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00

Method Blank (MB)

(MB) R4017042-3 12/22/23 02:04

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*97.5*			*80.0-120*
(S) 4-Bromofluorobenzene	*96.1*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*99.1*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4017042-1 12/22/23 01:04 • (LCSD) R4017042-2 12/22/23 01:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	19.5	20.6	78.0	82.4	19.0-160			5.49	27
Acrolein	25.0	17.0	13.6	68.0	54.4	10.0-160			22.2	26
Acrylonitrile	25.0	29.3	30.5	117	122	55.0-149			4.01	20
Benzene	5.00	5.64	5.90	113	118	70.0-123			4.51	20
Bromobenzene	5.00	5.29	5.24	106	105	73.0-121			0.950	20
Bromodichloromethane	5.00	5.66	5.85	113	117	75.0-120			3.30	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4017042-1 12/22/23 01:04 • (LCSD) R4017042-2 12/22/23 01:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromoform	5.00	4.24	4.50	84.8	90.0	68.0-132			5.95	20
Bromomethane	5.00	2.91	3.14	58.2	62.8	10.0-160			7.60	25
n-Butylbenzene	5.00	4.35	4.58	87.0	91.6	73.0-125			5.15	20
sec-Butylbenzene	5.00	5.51	5.91	110	118	75.0-125			7.01	20
tert-Butylbenzene	5.00	5.32	5.68	106	114	76.0-124			6.55	20
Carbon tetrachloride	5.00	5.18	5.45	104	109	68.0-126			5.08	20
Chlorobenzene	5.00	4.80	5.08	96.0	102	80.0-121			5.67	20
Chlorodibromomethane	5.00	4.80	4.92	96.0	98.4	77.0-125			2.47	20
Chloroethane	5.00	3.21	3.30	64.2	66.0	47.0-150			2.76	20
Chloroform	5.00	5.10	5.39	102	108	73.0-120			5.53	20
Chloromethane	5.00	5.41	5.54	108	111	41.0-142			2.37	20
2-Chlorotoluene	5.00	5.32	6.14	106	123	76.0-123			14.3	20
4-Chlorotoluene	5.00	5.38	5.77	108	115	75.0-122			7.00	20
1,2-Dibromo-3-Chloropropane	5.00	4.26	4.32	85.2	86.4	58.0-134			1.40	20
1,2-Dibromoethane	5.00	5.07	5.29	101	106	80.0-122			4.25	20
Dibromomethane	5.00	5.07	5.18	101	104	80.0-120			2.15	20
1,2-Dichlorobenzene	5.00	5.07	5.48	101	110	79.0-121			7.77	20
1,3-Dichlorobenzene	5.00	5.30	5.58	106	112	79.0-120			5.15	20
1,4-Dichlorobenzene	5.00	5.01	5.18	100	104	79.0-120			3.34	20
Dichlorodifluoromethane	5.00	7.52	7.30	150	146	51.0-149	J4		2.97	20
1,1-Dichloroethane	5.00	5.93	6.31	119	126	70.0-126			6.21	20
1,2-Dichloroethane	5.00	5.32	5.53	106	111	70.0-128			3.87	20
1,1-Dichloroethene	5.00	6.12	6.61	122	132	71.0-124		J4	7.70	20
cis-1,2-Dichloroethene	5.00	5.10	5.67	102	113	73.0-120			10.6	20
trans-1,2-Dichloroethene	5.00	5.43	5.73	109	115	73.0-120			5.38	20
1,2-Dichloropropane	5.00	5.87	6.20	117	124	77.0-125			5.47	20
1,1-Dichloropropene	5.00	5.93	5.93	119	119	74.0-126			0.000	20
1,3-Dichloropropane	5.00	5.35	5.46	107	109	80.0-120			2.04	20
cis-1,3-Dichloropropene	5.00	5.38	5.76	108	115	80.0-123			6.82	20
trans-1,3-Dichloropropene	5.00	4.50	4.50	90.0	90.0	78.0-124			0.000	20
2,2-Dichloropropane	5.00	4.24	4.95	84.8	99.0	58.0-130			15.5	20
Di-isopropyl ether	5.00	6.44	7.06	129	141	58.0-138		J4	9.19	20
Ethylbenzene	5.00	4.81	5.17	96.2	103	79.0-123			7.21	20
Hexachloro-1,3-butadiene	5.00	5.14	5.35	103	107	54.0-138			4.00	20
Isopropylbenzene	5.00	5.16	5.55	103	111	76.0-127			7.28	20
p-Isopropyltoluene	5.00	5.67	5.88	113	118	76.0-125			3.64	20
2-Butanone (MEK)	25.0	26.6	29.1	106	116	44.0-160			8.98	20
Methylene Chloride	5.00	5.36	5.36	107	107	67.0-120			0.000	20
4-Methyl-2-pentanone (MIBK)	25.0	32.1	33.9	128	136	68.0-142			5.45	20
Methyl tert-butyl ether	5.00	5.51	5.50	110	110	68.0-125			0.182	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4017042-1 12/22/23 01:04 • (LCSD) R4017042-2 12/22/23 01:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	5.00	3.98	4.27	79.6	85.4	54.0-135			7.03	20
n-Propylbenzene	5.00	5.71	5.85	114	117	77.0-124			2.42	20
Styrene	5.00	4.05	4.32	81.0	86.4	73.0-130			6.45	20
1,1,1,2-Tetrachloroethane	5.00	4.49	4.90	89.8	98.0	75.0-125			8.73	20
1,1,2,2-Tetrachloroethane	5.00	5.22	5.09	104	102	65.0-130			2.52	20
Tetrachloroethene	5.00	4.50	4.89	90.0	97.8	72.0-132			8.31	20
Toluene	5.00	5.09	5.33	102	107	79.0-120			4.61	20
1,2,3-Trichlorobenzene	5.00	5.13	5.29	103	106	50.0-138			3.07	20
1,2,4-Trichlorobenzene	5.00	4.13	4.32	82.6	86.4	57.0-137			4.50	20
1,1,1-Trichloroethane	5.00	5.50	5.95	110	119	73.0-124			7.86	20
1,1,2-Trichloroethane	5.00	4.88	5.26	97.6	105	80.0-120			7.50	20
Trichloroethene	5.00	5.56	5.64	111	113	78.0-124			1.43	20
Trichlorofluoromethane	5.00	3.93	4.13	78.6	82.6	59.0-147			4.96	20
1,2,3-Trichloropropane	5.00	5.20	5.44	104	109	73.0-130			4.51	20
1,2,4-Trimethylbenzene	5.00	5.67	5.94	113	119	76.0-121			4.65	20
1,3,5-Trimethylbenzene	5.00	5.24	5.48	105	110	76.0-122			4.48	20
Vinyl chloride	5.00	4.36	4.51	87.2	90.2	67.0-131			3.38	20
Xylenes, Total	15.0	15.2	16.6	101	111	79.0-123			8.81	20
(S) Toluene-d8				*93.9*	*96.5*	*80.0-120*				
(S) 4-Bromofluorobenzene				*101*	*101*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*98.6*	*99.6*	*70.0-130*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C5	The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
O1	The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
S&ME Inc. - Raleigh NC

3201 Spring Forest Road
Raleigh, NC 27616

Billing Information:
Accounts Payable
3201 Spring Forest Rd.

(smeinc_invoice@concursolution

Report to:
Mr. Jerry Paul

Email To: **jpaul@smeinc.com**

Project Description:
Walltown Park

City/State Collected: Durham, NC

Please Circle: PT MT CT (ET)

Phone: **919-872-2660**

Client Project # 23050630

Lab Project # **SMERLNC-WALLTOWN**

Collected by (print): Chelsea Parra

Site/Facility ID #

P.O. #

Collected by (signature): CP

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1689093

H250

Acctnum: **SMERLNC**
Template: **T243420**
Prelogin: **P1043311**
PM: **034 - Craig Cothron**
PB:
Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PBG 2ozClr-NoPres	SPLP/TCLP HOLD 4ozClr-NoPres	TS 4ozClr-NoPres	V8260 40mlAmb-HCl-Blk	V8260 40mlAmb/MeOH10ml/Syr	Remarks	Sample # (lab only)
824-SB-21	C	SS	(0-1)	12/14/23	0910	4	X	X	X		X		- 01
824-SB-22		SS			0950	4	X	X	X		X		- 02
824-SB-23		SS			0935	4	X	X	X		X		- 03
824-SB-24		SS			0925	4	X	X	X		X		- 04
824-SB-25		SS			0915	4	X	X	X		X		- 05
824-SB-26		SS			1000	4	X	X	X		X		- 06
824-SB-27		SS			1015	4	X	X	X		X		- 07
824-SB-28		SS			1425	4	X	X	X		X		- 08
824-SB-29		SS			1435	4	X	X	X		X		- 09
824-SB-32		SS			1445	4	X	X	X		X		- 10
		GW				1				X			-11

* Matrix: Trip Blank
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: SPLP/TCLP on hold

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 715502983000

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR	
CP	12/14/23	1530		1	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: MSA8 °C 0,2 to=0,2	Bottles Received: 40
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 12/15/23	Time: 900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / (OK)

(14)

ANALYTICAL REPORT

December 29, 2023

S&ME Inc. - Raleigh NC

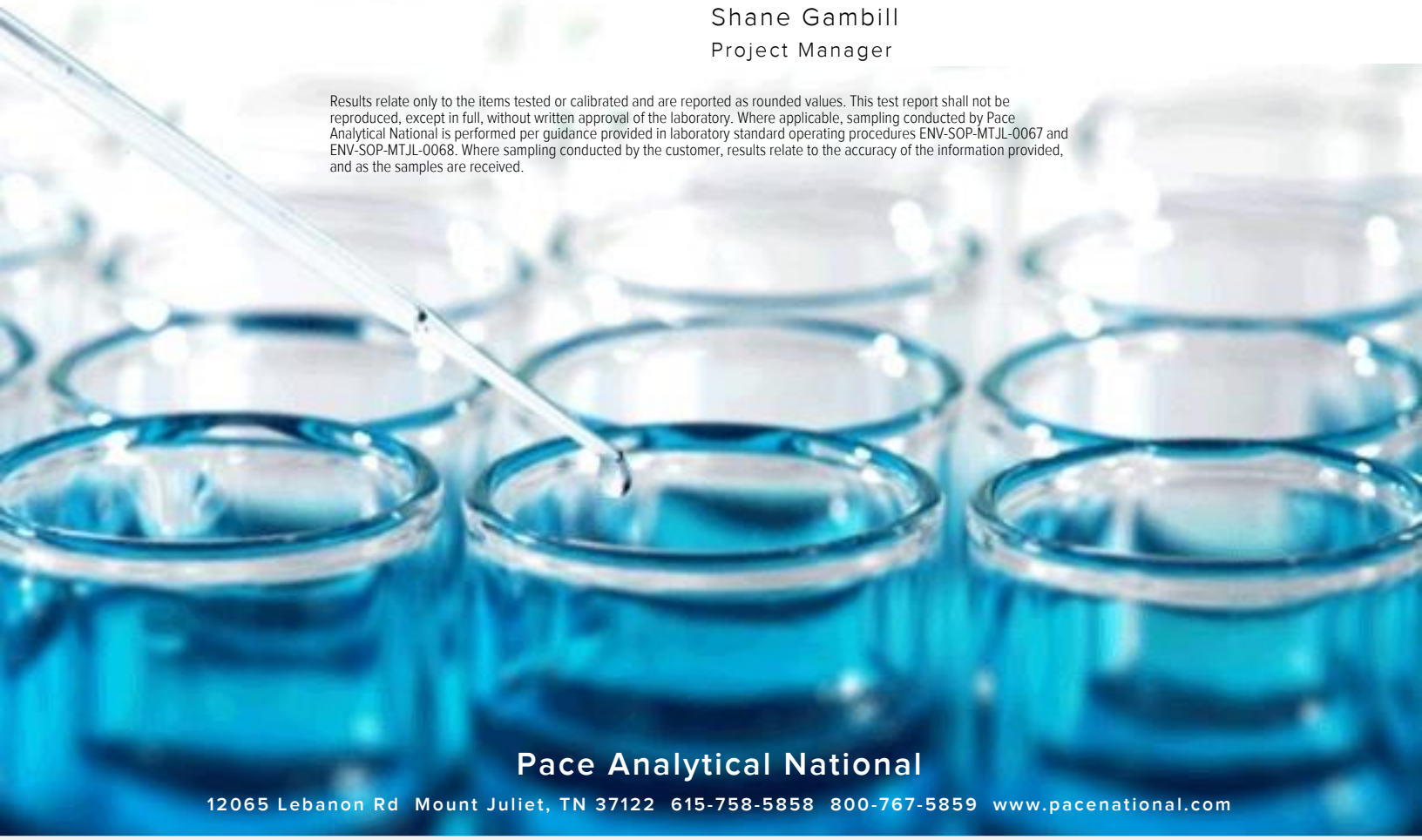
Sample Delivery Group:	L1689123
Samples Received:	12/16/2023
Project Number:	23050630
Description:	Walltown Park

Report To:

Mr. Jerry Paul
3201 Spring Forest Road
Raleigh, NC 27616

Entire Report Reviewed By:

Shane Gambill
Project Manager



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SAMPLE SUMMARY

824-SB-30 L1689123-01 Solid

Collected by: Chelsea Parra | Collected date/time: 12/15/23 09:50 | Received date/time: 12/16/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2192718	1	12/20/23 11:58	12/20/23 12:18	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2192975	5	12/20/23 13:49	12/20/23 21:53	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2194193	1	12/15/23 09:50	12/21/23 22:16	JAH	Mt. Juliet, TN

824-SB-31 L1689123-02 Solid

Collected by: Chelsea Parra | Collected date/time: 12/15/23 11:05 | Received date/time: 12/16/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2192718	1	12/20/23 11:58	12/20/23 12:18	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2192975	5	12/20/23 13:49	12/20/23 21:56	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2194193	1.01	12/15/23 11:05	12/21/23 22:35	JAH	Mt. Juliet, TN

824-SB-33 L1689123-03 Solid

Collected by: Chelsea Parra | Collected date/time: 12/15/23 09:55 | Received date/time: 12/16/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2192718	1	12/20/23 11:58	12/20/23 12:18	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2192975	5	12/20/23 13:49	12/20/23 21:59	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2194376	1	12/15/23 09:55	12/22/23 02:53	ACG	Mt. Juliet, TN

824-SB-34 L1689123-04 Solid

Collected by: Chelsea Parra | Collected date/time: 12/15/23 11:00 | Received date/time: 12/16/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2192718	1	12/20/23 11:58	12/20/23 12:18	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2192975	5	12/20/23 13:49	12/20/23 22:03	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2194376	1.56	12/15/23 11:00	12/22/23 03:12	ACG	Mt. Juliet, TN

824-SB-35 L1689123-05 Solid

Collected by: Chelsea Parra | Collected date/time: 12/15/23 10:30 | Received date/time: 12/16/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2192718	1	12/20/23 11:58	12/20/23 12:18	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2192975	5	12/20/23 13:49	12/20/23 22:06	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2194376	1.18	12/15/23 10:30	12/22/23 03:31	ACG	Mt. Juliet, TN

824-SB-36 L1689123-06 Solid

Collected by: Chelsea Parra | Collected date/time: 12/15/23 10:20 | Received date/time: 12/16/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2192718	1	12/20/23 11:58	12/20/23 12:18	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2192975	5	12/20/23 13:49	12/20/23 22:09	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2194376	1.41	12/15/23 10:20	12/22/23 03:50	ACG	Mt. Juliet, TN

824-SB-37 L1689123-07 Solid

Collected by: Chelsea Parra | Collected date/time: 12/15/23 10:00 | Received date/time: 12/16/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2192718	1	12/20/23 11:58	12/20/23 12:18	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2192975	5	12/20/23 13:49	12/20/23 21:19	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2194376	1.25	12/15/23 10:00	12/22/23 04:09	ACG	Mt. Juliet, TN

824-SB-38 L1689123-08 Solid

Collected by: Chelsea Parra | Collected date/time: 12/15/23 10:05 | Received date/time: 12/16/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2192718	1	12/20/23 11:58	12/20/23 12:18	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2192975	5	12/20/23 13:49	12/20/23 22:13	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2194376	1	12/15/23 10:05	12/22/23 04:28	ACG	Mt. Juliet, TN

824-SB-39 L1689123-09 Solid

Collected by: Chelsea Parra | Collected date/time: 12/15/23 10:40 | Received date/time: 12/16/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2192718	1	12/20/23 11:58	12/20/23 12:18	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2193825	5	12/21/23 14:43	12/26/23 19:43	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2194376	1.27	12/15/23 10:40	12/22/23 04:47	ACG	Mt. Juliet, TN

824-SB-40 L1689123-10 Solid

Collected by: Chelsea Parra | Collected date/time: 12/15/23 10:25 | Received date/time: 12/16/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2192718	1	12/20/23 11:58	12/20/23 12:18	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2192975	5	12/20/23 13:49	12/20/23 22:16	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2194376	1.09	12/15/23 10:25	12/22/23 05:06	ACG	Mt. Juliet, TN

TRIP BLANK L1689123-11 GW

Collected by: | Collected date/time: 12/15/23 00:00 | Received date/time: 12/16/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2196208	1	12/26/23 23:25	12/26/23 23:25	JCP	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Shane Gambill
Project Manager

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	73.5		1	12/20/2023 12:18	WG2192718

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	214		2.72	5	12/20/2023 21:53	WG2192975

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0875	1	12/21/2023 22:16	WG2194193
Acrylonitrile	ND		0.0219	1	12/21/2023 22:16	WG2194193
Benzene	ND		0.00175	1	12/21/2023 22:16	WG2194193
Bromobenzene	ND		0.0219	1	12/21/2023 22:16	WG2194193
Bromodichloromethane	ND		0.00438	1	12/21/2023 22:16	WG2194193
Bromoform	ND		0.0438	1	12/21/2023 22:16	WG2194193
Bromomethane	ND		0.0219	1	12/21/2023 22:16	WG2194193
n-Butylbenzene	ND		0.0219	1	12/21/2023 22:16	WG2194193
sec-Butylbenzene	ND		0.0219	1	12/21/2023 22:16	WG2194193
tert-Butylbenzene	ND		0.00875	1	12/21/2023 22:16	WG2194193
Carbon tetrachloride	ND		0.00875	1	12/21/2023 22:16	WG2194193
Chlorobenzene	ND		0.00438	1	12/21/2023 22:16	WG2194193
Chlorodibromomethane	ND		0.00438	1	12/21/2023 22:16	WG2194193
Chloroethane	ND		0.00875	1	12/21/2023 22:16	WG2194193
Chloroform	ND		0.00438	1	12/21/2023 22:16	WG2194193
Chloromethane	ND	J4	0.0219	1	12/21/2023 22:16	WG2194193
2-Chlorotoluene	ND		0.00438	1	12/21/2023 22:16	WG2194193
4-Chlorotoluene	ND		0.00875	1	12/21/2023 22:16	WG2194193
1,2-Dibromo-3-Chloropropane	ND		0.0438	1	12/21/2023 22:16	WG2194193
1,2-Dibromoethane	ND		0.00438	1	12/21/2023 22:16	WG2194193
Dibromomethane	ND		0.00875	1	12/21/2023 22:16	WG2194193
1,2-Dichlorobenzene	ND		0.00875	1	12/21/2023 22:16	WG2194193
1,3-Dichlorobenzene	ND		0.00875	1	12/21/2023 22:16	WG2194193
1,4-Dichlorobenzene	ND		0.00875	1	12/21/2023 22:16	WG2194193
Dichlorodifluoromethane	ND		0.00875	1	12/21/2023 22:16	WG2194193
1,1-Dichloroethane	ND		0.00438	1	12/21/2023 22:16	WG2194193
1,2-Dichloroethane	ND		0.00438	1	12/21/2023 22:16	WG2194193
1,1-Dichloroethene	ND		0.00438	1	12/21/2023 22:16	WG2194193
cis-1,2-Dichloroethene	ND		0.00438	1	12/21/2023 22:16	WG2194193
trans-1,2-Dichloroethene	ND		0.00875	1	12/21/2023 22:16	WG2194193
1,2-Dichloropropane	ND		0.00875	1	12/21/2023 22:16	WG2194193
1,1-Dichloropropene	ND		0.00438	1	12/21/2023 22:16	WG2194193
1,3-Dichloropropane	ND		0.00875	1	12/21/2023 22:16	WG2194193
cis-1,3-Dichloropropene	ND		0.00438	1	12/21/2023 22:16	WG2194193
trans-1,3-Dichloropropene	ND		0.00875	1	12/21/2023 22:16	WG2194193
2,2-Dichloropropane	ND		0.00438	1	12/21/2023 22:16	WG2194193
Di-isopropyl ether	ND		0.00175	1	12/21/2023 22:16	WG2194193
Ethylbenzene	ND		0.00438	1	12/21/2023 22:16	WG2194193
Hexachloro-1,3-butadiene	ND		0.0438	1	12/21/2023 22:16	WG2194193
Isopropylbenzene	ND		0.00438	1	12/21/2023 22:16	WG2194193
p-Isopropyltoluene	ND		0.00875	1	12/21/2023 22:16	WG2194193
2-Butanone (MEK)	ND		0.175	1	12/21/2023 22:16	WG2194193
Methylene Chloride	ND		0.0438	1	12/21/2023 22:16	WG2194193
4-Methyl-2-pentanone (MIBK)	ND		0.0438	1	12/21/2023 22:16	WG2194193
Methyl tert-butyl ether	ND		0.00175	1	12/21/2023 22:16	WG2194193

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND	C3	0.0219	1	12/21/2023 22:16	WG2194193
n-Propylbenzene	ND		0.00875	1	12/21/2023 22:16	WG2194193
Styrene	ND		0.0219	1	12/21/2023 22:16	WG2194193
1,1,1,2-Tetrachloroethane	ND		0.00438	1	12/21/2023 22:16	WG2194193
1,1,2,2-Tetrachloroethane	ND		0.00438	1	12/21/2023 22:16	WG2194193
Tetrachloroethene	ND		0.00438	1	12/21/2023 22:16	WG2194193
Toluene	ND		0.00875	1	12/21/2023 22:16	WG2194193
1,2,3-Trichlorobenzene	ND	C3	0.0219	1	12/21/2023 22:16	WG2194193
1,2,4-Trichlorobenzene	ND	C3	0.0219	1	12/21/2023 22:16	WG2194193
1,1,1-Trichloroethane	ND		0.00438	1	12/21/2023 22:16	WG2194193
1,1,2-Trichloroethane	ND		0.00438	1	12/21/2023 22:16	WG2194193
Trichloroethene	ND		0.00175	1	12/21/2023 22:16	WG2194193
Trichlorofluoromethane	ND		0.00438	1	12/21/2023 22:16	WG2194193
1,2,3-Trichloropropane	ND		0.0219	1	12/21/2023 22:16	WG2194193
1,2,4-Trimethylbenzene	ND		0.00875	1	12/21/2023 22:16	WG2194193
1,3,5-Trimethylbenzene	ND		0.00875	1	12/21/2023 22:16	WG2194193
Vinyl chloride	ND		0.00438	1	12/21/2023 22:16	WG2194193
Xylenes, Total	ND		0.0114	1	12/21/2023 22:16	WG2194193
(S) Toluene-d8	*106*		*75.0-131*		*12/21/2023 22:16*	WG2194193
(S) 4-Bromofluorobenzene	*97.1*		*67.0-138*		*12/21/2023 22:16*	WG2194193
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*12/21/2023 22:16*	WG2194193

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.2		1	12/20/2023 12:18	WG2192718

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	86.2		2.37	5	12/20/2023 21:56	WG2192975

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0693	1.01	12/21/2023 22:35	WG2194193
Acrylonitrile	ND		0.0173	1.01	12/21/2023 22:35	WG2194193
Benzene	ND		0.00139	1.01	12/21/2023 22:35	WG2194193
Bromobenzene	ND		0.0173	1.01	12/21/2023 22:35	WG2194193
Bromodichloromethane	ND		0.00347	1.01	12/21/2023 22:35	WG2194193
Bromoform	ND		0.0347	1.01	12/21/2023 22:35	WG2194193
Bromomethane	ND		0.0173	1.01	12/21/2023 22:35	WG2194193
n-Butylbenzene	ND		0.0173	1.01	12/21/2023 22:35	WG2194193
sec-Butylbenzene	ND		0.0173	1.01	12/21/2023 22:35	WG2194193
tert-Butylbenzene	ND		0.00693	1.01	12/21/2023 22:35	WG2194193
Carbon tetrachloride	ND		0.00693	1.01	12/21/2023 22:35	WG2194193
Chlorobenzene	ND		0.00347	1.01	12/21/2023 22:35	WG2194193
Chlorodibromomethane	ND		0.00347	1.01	12/21/2023 22:35	WG2194193
Chloroethane	ND		0.00693	1.01	12/21/2023 22:35	WG2194193
Chloroform	ND		0.00347	1.01	12/21/2023 22:35	WG2194193
Chloromethane	ND	J4	0.0173	1.01	12/21/2023 22:35	WG2194193
2-Chlorotoluene	ND		0.00347	1.01	12/21/2023 22:35	WG2194193
4-Chlorotoluene	ND		0.00693	1.01	12/21/2023 22:35	WG2194193
1,2-Dibromo-3-Chloropropane	ND		0.0347	1.01	12/21/2023 22:35	WG2194193
1,2-Dibromoethane	ND		0.00347	1.01	12/21/2023 22:35	WG2194193
Dibromomethane	ND		0.00693	1.01	12/21/2023 22:35	WG2194193
1,2-Dichlorobenzene	ND		0.00693	1.01	12/21/2023 22:35	WG2194193
1,3-Dichlorobenzene	ND		0.00693	1.01	12/21/2023 22:35	WG2194193
1,4-Dichlorobenzene	ND		0.00693	1.01	12/21/2023 22:35	WG2194193
Dichlorodifluoromethane	ND		0.00693	1.01	12/21/2023 22:35	WG2194193
1,1-Dichloroethane	ND		0.00347	1.01	12/21/2023 22:35	WG2194193
1,2-Dichloroethane	ND		0.00347	1.01	12/21/2023 22:35	WG2194193
1,1-Dichloroethene	ND		0.00347	1.01	12/21/2023 22:35	WG2194193
cis-1,2-Dichloroethene	ND		0.00347	1.01	12/21/2023 22:35	WG2194193
trans-1,2-Dichloroethene	ND		0.00693	1.01	12/21/2023 22:35	WG2194193
1,2-Dichloropropane	ND		0.00693	1.01	12/21/2023 22:35	WG2194193
1,1-Dichloropropene	ND		0.00347	1.01	12/21/2023 22:35	WG2194193
1,3-Dichloropropane	ND		0.00693	1.01	12/21/2023 22:35	WG2194193
cis-1,3-Dichloropropene	ND		0.00347	1.01	12/21/2023 22:35	WG2194193
trans-1,3-Dichloropropene	ND		0.00693	1.01	12/21/2023 22:35	WG2194193
2,2-Dichloropropane	ND		0.00347	1.01	12/21/2023 22:35	WG2194193
Di-isopropyl ether	ND		0.00139	1.01	12/21/2023 22:35	WG2194193
Ethylbenzene	ND		0.00347	1.01	12/21/2023 22:35	WG2194193
Hexachloro-1,3-butadiene	ND		0.0347	1.01	12/21/2023 22:35	WG2194193
Isopropylbenzene	ND		0.00347	1.01	12/21/2023 22:35	WG2194193
p-Isopropyltoluene	ND		0.00693	1.01	12/21/2023 22:35	WG2194193
2-Butanone (MEK)	ND		0.139	1.01	12/21/2023 22:35	WG2194193
Methylene Chloride	ND		0.0347	1.01	12/21/2023 22:35	WG2194193
4-Methyl-2-pentanone (MIBK)	ND		0.0347	1.01	12/21/2023 22:35	WG2194193
Methyl tert-butyl ether	ND		0.00139	1.01	12/21/2023 22:35	WG2194193

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND	C3	0.0173	1.01	12/21/2023 22:35	WG2194193
n-Propylbenzene	ND		0.00693	1.01	12/21/2023 22:35	WG2194193
Styrene	ND		0.0173	1.01	12/21/2023 22:35	WG2194193
1,1,1,2-Tetrachloroethane	ND		0.00347	1.01	12/21/2023 22:35	WG2194193
1,1,2,2-Tetrachloroethane	ND		0.00347	1.01	12/21/2023 22:35	WG2194193
Tetrachloroethene	ND		0.00347	1.01	12/21/2023 22:35	WG2194193
Toluene	ND		0.00693	1.01	12/21/2023 22:35	WG2194193
1,2,3-Trichlorobenzene	ND	C3	0.0173	1.01	12/21/2023 22:35	WG2194193
1,2,4-Trichlorobenzene	ND	C3	0.0173	1.01	12/21/2023 22:35	WG2194193
1,1,1-Trichloroethane	ND		0.00347	1.01	12/21/2023 22:35	WG2194193
1,1,2-Trichloroethane	ND		0.00347	1.01	12/21/2023 22:35	WG2194193
Trichloroethene	ND		0.00139	1.01	12/21/2023 22:35	WG2194193
Trichlorofluoromethane	ND		0.00347	1.01	12/21/2023 22:35	WG2194193
1,2,3-Trichloropropane	ND		0.0173	1.01	12/21/2023 22:35	WG2194193
1,2,4-Trimethylbenzene	ND		0.00693	1.01	12/21/2023 22:35	WG2194193
1,3,5-Trimethylbenzene	ND		0.00693	1.01	12/21/2023 22:35	WG2194193
Vinyl chloride	ND		0.00347	1.01	12/21/2023 22:35	WG2194193
Xylenes, Total	ND		0.00900	1.01	12/21/2023 22:35	WG2194193
(S) Toluene-d8	*105*		*75.0-131*		*12/21/2023 22:35*	WG2194193
(S) 4-Bromofluorobenzene	*96.3*		*67.0-138*		*12/21/2023 22:35*	WG2194193
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*12/21/2023 22:35*	WG2194193

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	91.7		1	12/20/2023 12:18	WG2192718

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	347		2.18	5	12/20/2023 21:59	WG2192975

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0595	1	12/22/2023 02:53	WG2194376
Acrylonitrile	ND	C3	0.0149	1	12/22/2023 02:53	WG2194376
Benzene	0.00179		0.00119	1	12/22/2023 02:53	WG2194376
Bromobenzene	ND		0.0149	1	12/22/2023 02:53	WG2194376
Bromodichloromethane	ND		0.00298	1	12/22/2023 02:53	WG2194376
Bromoform	ND		0.0298	1	12/22/2023 02:53	WG2194376
Bromomethane	ND		0.0149	1	12/22/2023 02:53	WG2194376
n-Butylbenzene	ND		0.0149	1	12/22/2023 02:53	WG2194376
sec-Butylbenzene	ND		0.0149	1	12/22/2023 02:53	WG2194376
tert-Butylbenzene	ND		0.00595	1	12/22/2023 02:53	WG2194376
Carbon tetrachloride	ND		0.00595	1	12/22/2023 02:53	WG2194376
Chlorobenzene	ND		0.00298	1	12/22/2023 02:53	WG2194376
Chlorodibromomethane	ND		0.00298	1	12/22/2023 02:53	WG2194376
Chloroethane	ND		0.00595	1	12/22/2023 02:53	WG2194376
Chloroform	ND		0.00298	1	12/22/2023 02:53	WG2194376
Chloromethane	ND		0.0149	1	12/22/2023 02:53	WG2194376
2-Chlorotoluene	ND		0.00298	1	12/22/2023 02:53	WG2194376
4-Chlorotoluene	ND		0.00595	1	12/22/2023 02:53	WG2194376
1,2-Dibromo-3-Chloropropane	ND		0.0298	1	12/22/2023 02:53	WG2194376
1,2-Dibromoethane	ND		0.00298	1	12/22/2023 02:53	WG2194376
Dibromomethane	ND		0.00595	1	12/22/2023 02:53	WG2194376
1,2-Dichlorobenzene	ND		0.00595	1	12/22/2023 02:53	WG2194376
1,3-Dichlorobenzene	ND		0.00595	1	12/22/2023 02:53	WG2194376
1,4-Dichlorobenzene	ND		0.00595	1	12/22/2023 02:53	WG2194376
Dichlorodifluoromethane	ND		0.00595	1	12/22/2023 02:53	WG2194376
1,1-Dichloroethane	ND		0.00298	1	12/22/2023 02:53	WG2194376
1,2-Dichloroethane	ND		0.00298	1	12/22/2023 02:53	WG2194376
1,1-Dichloroethene	ND		0.00298	1	12/22/2023 02:53	WG2194376
cis-1,2-Dichloroethene	ND		0.00298	1	12/22/2023 02:53	WG2194376
trans-1,2-Dichloroethene	ND		0.00595	1	12/22/2023 02:53	WG2194376
1,2-Dichloropropane	ND		0.00595	1	12/22/2023 02:53	WG2194376
1,1-Dichloropropene	ND		0.00298	1	12/22/2023 02:53	WG2194376
1,3-Dichloropropane	ND		0.00595	1	12/22/2023 02:53	WG2194376
cis-1,3-Dichloropropene	ND		0.00298	1	12/22/2023 02:53	WG2194376
trans-1,3-Dichloropropene	ND		0.00595	1	12/22/2023 02:53	WG2194376
2,2-Dichloropropane	ND		0.00298	1	12/22/2023 02:53	WG2194376
Di-isopropyl ether	ND	C3	0.00119	1	12/22/2023 02:53	WG2194376
Ethylbenzene	ND		0.00298	1	12/22/2023 02:53	WG2194376
Hexachloro-1,3-butadiene	ND	J3	0.0298	1	12/22/2023 02:53	WG2194376
Isopropylbenzene	ND		0.00298	1	12/22/2023 02:53	WG2194376
p-Isopropyltoluene	ND		0.00595	1	12/22/2023 02:53	WG2194376
2-Butanone (MEK)	ND		0.119	1	12/22/2023 02:53	WG2194376
Methylene Chloride	ND		0.0298	1	12/22/2023 02:53	WG2194376
4-Methyl-2-pentanone (MIBK)	ND		0.0298	1	12/22/2023 02:53	WG2194376
Methyl tert-butyl ether	ND		0.00119	1	12/22/2023 02:53	WG2194376

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	0.433	C3	0.0149	1	12/22/2023 02:53	WG2194376
n-Propylbenzene	ND		0.00595	1	12/22/2023 02:53	WG2194376
Styrene	ND		0.0149	1	12/22/2023 02:53	WG2194376
1,1,1,2-Tetrachloroethane	ND		0.00298	1	12/22/2023 02:53	WG2194376
1,1,2,2-Tetrachloroethane	ND		0.00298	1	12/22/2023 02:53	WG2194376
Tetrachloroethene	ND		0.00298	1	12/22/2023 02:53	WG2194376
Toluene	0.0115		0.00595	1	12/22/2023 02:53	WG2194376
1,2,3-Trichlorobenzene	ND	C3 J3	0.0149	1	12/22/2023 02:53	WG2194376
1,2,4-Trichlorobenzene	ND	C3	0.0149	1	12/22/2023 02:53	WG2194376
1,1,1-Trichloroethane	ND		0.00298	1	12/22/2023 02:53	WG2194376
1,1,2-Trichloroethane	ND		0.00298	1	12/22/2023 02:53	WG2194376
Trichloroethene	ND		0.00119	1	12/22/2023 02:53	WG2194376
Trichlorofluoromethane	ND		0.00298	1	12/22/2023 02:53	WG2194376
1,2,3-Trichloropropane	ND		0.0149	1	12/22/2023 02:53	WG2194376
1,2,4-Trimethylbenzene	ND		0.00595	1	12/22/2023 02:53	WG2194376
1,3,5-Trimethylbenzene	ND		0.00595	1	12/22/2023 02:53	WG2194376
Vinyl chloride	ND		0.00298	1	12/22/2023 02:53	WG2194376
Xylenes, Total	0.0146		0.00774	1	12/22/2023 02:53	WG2194376
(S) Toluene-d8	*103*		*75.0-131*		*12/22/2023 02:53*	WG2194376
(S) 4-Bromofluorobenzene	*106*		*67.0-138*		*12/22/2023 02:53*	WG2194376
(S) 1,2-Dichloroethane-d4	*80.6*		*70.0-130*		*12/22/2023 02:53*	WG2194376

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.3		1	12/20/2023 12:18	WG2192718

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	362		2.32	5	12/20/2023 22:03	WG2192975

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0984	1.56	12/22/2023 03:12	WG2194376
Acrylonitrile	ND	C3	0.0246	1.56	12/22/2023 03:12	WG2194376
Benzene	ND		0.00197	1.56	12/22/2023 03:12	WG2194376
Bromobenzene	ND		0.0246	1.56	12/22/2023 03:12	WG2194376
Bromodichloromethane	ND		0.00492	1.56	12/22/2023 03:12	WG2194376
Bromoform	ND		0.0492	1.56	12/22/2023 03:12	WG2194376
Bromomethane	ND		0.0246	1.56	12/22/2023 03:12	WG2194376
n-Butylbenzene	ND		0.0246	1.56	12/22/2023 03:12	WG2194376
sec-Butylbenzene	ND		0.0246	1.56	12/22/2023 03:12	WG2194376
tert-Butylbenzene	ND		0.00984	1.56	12/22/2023 03:12	WG2194376
Carbon tetrachloride	ND		0.00984	1.56	12/22/2023 03:12	WG2194376
Chlorobenzene	ND		0.00492	1.56	12/22/2023 03:12	WG2194376
Chlorodibromomethane	ND		0.00492	1.56	12/22/2023 03:12	WG2194376
Chloroethane	ND		0.00984	1.56	12/22/2023 03:12	WG2194376
Chloroform	ND		0.00492	1.56	12/22/2023 03:12	WG2194376
Chloromethane	ND		0.0246	1.56	12/22/2023 03:12	WG2194376
2-Chlorotoluene	ND		0.00492	1.56	12/22/2023 03:12	WG2194376
4-Chlorotoluene	ND		0.00984	1.56	12/22/2023 03:12	WG2194376
1,2-Dibromo-3-Chloropropane	ND		0.0492	1.56	12/22/2023 03:12	WG2194376
1,2-Dibromoethane	ND		0.00492	1.56	12/22/2023 03:12	WG2194376
Dibromomethane	ND		0.00984	1.56	12/22/2023 03:12	WG2194376
1,2-Dichlorobenzene	ND		0.00984	1.56	12/22/2023 03:12	WG2194376
1,3-Dichlorobenzene	ND		0.00984	1.56	12/22/2023 03:12	WG2194376
1,4-Dichlorobenzene	ND		0.00984	1.56	12/22/2023 03:12	WG2194376
Dichlorodifluoromethane	ND		0.00984	1.56	12/22/2023 03:12	WG2194376
1,1-Dichloroethane	ND		0.00492	1.56	12/22/2023 03:12	WG2194376
1,2-Dichloroethane	ND		0.00492	1.56	12/22/2023 03:12	WG2194376
1,1-Dichloroethene	ND		0.00492	1.56	12/22/2023 03:12	WG2194376
cis-1,2-Dichloroethene	ND		0.00492	1.56	12/22/2023 03:12	WG2194376
trans-1,2-Dichloroethene	ND		0.00984	1.56	12/22/2023 03:12	WG2194376
1,2-Dichloropropane	ND		0.00984	1.56	12/22/2023 03:12	WG2194376
1,1-Dichloropropene	ND		0.00492	1.56	12/22/2023 03:12	WG2194376
1,3-Dichloropropane	ND		0.00984	1.56	12/22/2023 03:12	WG2194376
cis-1,3-Dichloropropene	ND		0.00492	1.56	12/22/2023 03:12	WG2194376
trans-1,3-Dichloropropene	ND		0.00984	1.56	12/22/2023 03:12	WG2194376
2,2-Dichloropropane	ND		0.00492	1.56	12/22/2023 03:12	WG2194376
Di-isopropyl ether	ND	C3	0.00197	1.56	12/22/2023 03:12	WG2194376
Ethylbenzene	ND		0.00492	1.56	12/22/2023 03:12	WG2194376
Hexachloro-1,3-butadiene	ND	J3	0.0492	1.56	12/22/2023 03:12	WG2194376
Isopropylbenzene	ND		0.00492	1.56	12/22/2023 03:12	WG2194376
p-Isopropyltoluene	ND		0.00984	1.56	12/22/2023 03:12	WG2194376
2-Butanone (MEK)	ND		0.197	1.56	12/22/2023 03:12	WG2194376
Methylene Chloride	ND		0.0492	1.56	12/22/2023 03:12	WG2194376
4-Methyl-2-pentanone (MIBK)	ND		0.0492	1.56	12/22/2023 03:12	WG2194376
Methyl tert-butyl ether	ND		0.00197	1.56	12/22/2023 03:12	WG2194376

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND	C3	0.0246	1.56	12/22/2023 03:12	WG2194376
n-Propylbenzene	ND		0.00984	1.56	12/22/2023 03:12	WG2194376
Styrene	ND		0.0246	1.56	12/22/2023 03:12	WG2194376
1,1,1,2-Tetrachloroethane	ND		0.00492	1.56	12/22/2023 03:12	WG2194376
1,1,2,2-Tetrachloroethane	ND		0.00492	1.56	12/22/2023 03:12	WG2194376
Tetrachloroethene	ND		0.00492	1.56	12/22/2023 03:12	WG2194376
Toluene	ND		0.00984	1.56	12/22/2023 03:12	WG2194376
1,2,3-Trichlorobenzene	ND	C3 J3	0.0246	1.56	12/22/2023 03:12	WG2194376
1,2,4-Trichlorobenzene	ND	C3	0.0246	1.56	12/22/2023 03:12	WG2194376
1,1,1-Trichloroethane	ND		0.00492	1.56	12/22/2023 03:12	WG2194376
1,1,2-Trichloroethane	ND		0.00492	1.56	12/22/2023 03:12	WG2194376
Trichloroethene	ND		0.00197	1.56	12/22/2023 03:12	WG2194376
Trichlorofluoromethane	ND		0.00492	1.56	12/22/2023 03:12	WG2194376
1,2,3-Trichloropropane	ND		0.0246	1.56	12/22/2023 03:12	WG2194376
1,2,4-Trimethylbenzene	ND		0.00984	1.56	12/22/2023 03:12	WG2194376
1,3,5-Trimethylbenzene	ND		0.00984	1.56	12/22/2023 03:12	WG2194376
Vinyl chloride	ND		0.00492	1.56	12/22/2023 03:12	WG2194376
Xylenes, Total	ND		0.0127	1.56	12/22/2023 03:12	WG2194376
(S) Toluene-d8	*100*		*75.0-131*		*12/22/2023 03:12*	WG2194376
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*12/22/2023 03:12*	WG2194376
(S) 1,2-Dichloroethane-d4	*80.4*		*70.0-130*		*12/22/2023 03:12*	WG2194376

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	78.5		1	12/20/2023 12:18	WG2192718

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	10.4		2.55	5	12/20/2023 22:06	WG2192975

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0888	1.18	12/22/2023 03:31	WG2194376
Acrylonitrile	ND	C3	0.0221	1.18	12/22/2023 03:31	WG2194376
Benzene	ND		0.00178	1.18	12/22/2023 03:31	WG2194376
Bromobenzene	ND		0.0221	1.18	12/22/2023 03:31	WG2194376
Bromodichloromethane	ND		0.00444	1.18	12/22/2023 03:31	WG2194376
Bromoform	ND		0.0444	1.18	12/22/2023 03:31	WG2194376
Bromomethane	ND		0.0221	1.18	12/22/2023 03:31	WG2194376
n-Butylbenzene	ND		0.0221	1.18	12/22/2023 03:31	WG2194376
sec-Butylbenzene	ND		0.0221	1.18	12/22/2023 03:31	WG2194376
tert-Butylbenzene	ND		0.00888	1.18	12/22/2023 03:31	WG2194376
Carbon tetrachloride	ND		0.00888	1.18	12/22/2023 03:31	WG2194376
Chlorobenzene	ND		0.00444	1.18	12/22/2023 03:31	WG2194376
Chlorodibromomethane	ND		0.00444	1.18	12/22/2023 03:31	WG2194376
Chloroethane	ND		0.00888	1.18	12/22/2023 03:31	WG2194376
Chloroform	ND		0.00444	1.18	12/22/2023 03:31	WG2194376
Chloromethane	ND		0.0221	1.18	12/22/2023 03:31	WG2194376
2-Chlorotoluene	ND		0.00444	1.18	12/22/2023 03:31	WG2194376
4-Chlorotoluene	ND		0.00888	1.18	12/22/2023 03:31	WG2194376
1,2-Dibromo-3-Chloropropane	ND		0.0444	1.18	12/22/2023 03:31	WG2194376
1,2-Dibromoethane	ND		0.00444	1.18	12/22/2023 03:31	WG2194376
Dibromomethane	ND		0.00888	1.18	12/22/2023 03:31	WG2194376
1,2-Dichlorobenzene	ND		0.00888	1.18	12/22/2023 03:31	WG2194376
1,3-Dichlorobenzene	ND		0.00888	1.18	12/22/2023 03:31	WG2194376
1,4-Dichlorobenzene	ND		0.00888	1.18	12/22/2023 03:31	WG2194376
Dichlorodifluoromethane	ND		0.00888	1.18	12/22/2023 03:31	WG2194376
1,1-Dichloroethane	ND		0.00444	1.18	12/22/2023 03:31	WG2194376
1,2-Dichloroethane	ND		0.00444	1.18	12/22/2023 03:31	WG2194376
1,1-Dichloroethene	ND		0.00444	1.18	12/22/2023 03:31	WG2194376
cis-1,2-Dichloroethene	ND		0.00444	1.18	12/22/2023 03:31	WG2194376
trans-1,2-Dichloroethene	ND		0.00888	1.18	12/22/2023 03:31	WG2194376
1,2-Dichloropropane	ND		0.00888	1.18	12/22/2023 03:31	WG2194376
1,1-Dichloropropene	ND		0.00444	1.18	12/22/2023 03:31	WG2194376
1,3-Dichloropropane	ND		0.00888	1.18	12/22/2023 03:31	WG2194376
cis-1,3-Dichloropropene	ND		0.00444	1.18	12/22/2023 03:31	WG2194376
trans-1,3-Dichloropropene	ND		0.00888	1.18	12/22/2023 03:31	WG2194376
2,2-Dichloropropane	ND		0.00444	1.18	12/22/2023 03:31	WG2194376
Di-isopropyl ether	ND	C3	0.00178	1.18	12/22/2023 03:31	WG2194376
Ethylbenzene	ND		0.00444	1.18	12/22/2023 03:31	WG2194376
Hexachloro-1,3-butadiene	ND	J3	0.0444	1.18	12/22/2023 03:31	WG2194376
Isopropylbenzene	ND		0.00444	1.18	12/22/2023 03:31	WG2194376
p-Isopropyltoluene	ND		0.00888	1.18	12/22/2023 03:31	WG2194376
2-Butanone (MEK)	ND		0.178	1.18	12/22/2023 03:31	WG2194376
Methylene Chloride	ND		0.0444	1.18	12/22/2023 03:31	WG2194376
4-Methyl-2-pentanone (MIBK)	ND		0.0444	1.18	12/22/2023 03:31	WG2194376
Methyl tert-butyl ether	ND		0.00178	1.18	12/22/2023 03:31	WG2194376

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND	C3	0.0221	1.18	12/22/2023 03:31	WG2194376
n-Propylbenzene	ND		0.00888	1.18	12/22/2023 03:31	WG2194376
Styrene	ND		0.0221	1.18	12/22/2023 03:31	WG2194376
1,1,1,2-Tetrachloroethane	ND		0.00444	1.18	12/22/2023 03:31	WG2194376
1,1,2,2-Tetrachloroethane	ND		0.00444	1.18	12/22/2023 03:31	WG2194376
Tetrachloroethene	ND		0.00444	1.18	12/22/2023 03:31	WG2194376
Toluene	ND		0.00888	1.18	12/22/2023 03:31	WG2194376
1,2,3-Trichlorobenzene	ND	C3 J3	0.0221	1.18	12/22/2023 03:31	WG2194376
1,2,4-Trichlorobenzene	ND	C3	0.0221	1.18	12/22/2023 03:31	WG2194376
1,1,1-Trichloroethane	ND		0.00444	1.18	12/22/2023 03:31	WG2194376
1,1,2-Trichloroethane	ND		0.00444	1.18	12/22/2023 03:31	WG2194376
Trichloroethene	ND		0.00178	1.18	12/22/2023 03:31	WG2194376
Trichlorofluoromethane	ND		0.00444	1.18	12/22/2023 03:31	WG2194376
1,2,3-Trichloropropane	ND		0.0221	1.18	12/22/2023 03:31	WG2194376
1,2,4-Trimethylbenzene	ND		0.00888	1.18	12/22/2023 03:31	WG2194376
1,3,5-Trimethylbenzene	ND		0.00888	1.18	12/22/2023 03:31	WG2194376
Vinyl chloride	ND		0.00444	1.18	12/22/2023 03:31	WG2194376
Xylenes, Total	ND		0.0115	1.18	12/22/2023 03:31	WG2194376
(S) Toluene-d8	*101*		*75.0-131*		*12/22/2023 03:31*	WG2194376
(S) 4-Bromofluorobenzene	*104*		*67.0-138*		*12/22/2023 03:31*	WG2194376
(S) 1,2-Dichloroethane-d4	*78.9*		*70.0-130*		*12/22/2023 03:31*	WG2194376

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	68.7		1	12/20/2023 12:18	WG2192718

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	9.81		2.91	5	12/20/2023 22:09	WG2192975

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.125	1.41	12/22/2023 03:50	WG2194376
Acrylonitrile	ND	C3	0.0313	1.41	12/22/2023 03:50	WG2194376
Benzene	ND		0.00251	1.41	12/22/2023 03:50	WG2194376
Bromobenzene	ND		0.0313	1.41	12/22/2023 03:50	WG2194376
Bromodichloromethane	ND		0.00628	1.41	12/22/2023 03:50	WG2194376
Bromoform	ND		0.0628	1.41	12/22/2023 03:50	WG2194376
Bromomethane	ND		0.0313	1.41	12/22/2023 03:50	WG2194376
n-Butylbenzene	ND		0.0313	1.41	12/22/2023 03:50	WG2194376
sec-Butylbenzene	ND		0.0313	1.41	12/22/2023 03:50	WG2194376
tert-Butylbenzene	ND		0.0125	1.41	12/22/2023 03:50	WG2194376
Carbon tetrachloride	ND		0.0125	1.41	12/22/2023 03:50	WG2194376
Chlorobenzene	ND		0.00628	1.41	12/22/2023 03:50	WG2194376
Chlorodibromomethane	ND		0.00628	1.41	12/22/2023 03:50	WG2194376
Chloroethane	ND		0.0125	1.41	12/22/2023 03:50	WG2194376
Chloroform	ND		0.00628	1.41	12/22/2023 03:50	WG2194376
Chloromethane	ND		0.0313	1.41	12/22/2023 03:50	WG2194376
2-Chlorotoluene	ND		0.00628	1.41	12/22/2023 03:50	WG2194376
4-Chlorotoluene	ND		0.0125	1.41	12/22/2023 03:50	WG2194376
1,2-Dibromo-3-Chloropropane	ND		0.0628	1.41	12/22/2023 03:50	WG2194376
1,2-Dibromoethane	ND		0.00628	1.41	12/22/2023 03:50	WG2194376
Dibromomethane	ND		0.0125	1.41	12/22/2023 03:50	WG2194376
1,2-Dichlorobenzene	ND		0.0125	1.41	12/22/2023 03:50	WG2194376
1,3-Dichlorobenzene	ND		0.0125	1.41	12/22/2023 03:50	WG2194376
1,4-Dichlorobenzene	ND		0.0125	1.41	12/22/2023 03:50	WG2194376
Dichlorodifluoromethane	ND		0.0125	1.41	12/22/2023 03:50	WG2194376
1,1-Dichloroethane	ND		0.00628	1.41	12/22/2023 03:50	WG2194376
1,2-Dichloroethane	ND		0.00628	1.41	12/22/2023 03:50	WG2194376
1,1-Dichloroethene	ND		0.00628	1.41	12/22/2023 03:50	WG2194376
cis-1,2-Dichloroethene	ND		0.00628	1.41	12/22/2023 03:50	WG2194376
trans-1,2-Dichloroethene	ND		0.0125	1.41	12/22/2023 03:50	WG2194376
1,2-Dichloropropane	ND		0.0125	1.41	12/22/2023 03:50	WG2194376
1,1-Dichloropropene	ND		0.00628	1.41	12/22/2023 03:50	WG2194376
1,3-Dichloropropane	ND		0.0125	1.41	12/22/2023 03:50	WG2194376
cis-1,3-Dichloropropene	ND		0.00628	1.41	12/22/2023 03:50	WG2194376
trans-1,3-Dichloropropene	ND		0.0125	1.41	12/22/2023 03:50	WG2194376
2,2-Dichloropropane	ND		0.00628	1.41	12/22/2023 03:50	WG2194376
Di-isopropyl ether	ND	C3	0.00251	1.41	12/22/2023 03:50	WG2194376
Ethylbenzene	ND		0.00628	1.41	12/22/2023 03:50	WG2194376
Hexachloro-1,3-butadiene	ND	J3	0.0628	1.41	12/22/2023 03:50	WG2194376
Isopropylbenzene	ND		0.00628	1.41	12/22/2023 03:50	WG2194376
p-Isopropyltoluene	ND		0.0125	1.41	12/22/2023 03:50	WG2194376
2-Butanone (MEK)	ND		0.251	1.41	12/22/2023 03:50	WG2194376
Methylene Chloride	ND		0.0628	1.41	12/22/2023 03:50	WG2194376
4-Methyl-2-pentanone (MIBK)	ND		0.0628	1.41	12/22/2023 03:50	WG2194376
Methyl tert-butyl ether	ND		0.00251	1.41	12/22/2023 03:50	WG2194376

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND	C3	0.0313	1.41	12/22/2023 03:50	WG2194376
n-Propylbenzene	ND		0.0125	1.41	12/22/2023 03:50	WG2194376
Styrene	ND		0.0313	1.41	12/22/2023 03:50	WG2194376
1,1,1,2-Tetrachloroethane	ND		0.00628	1.41	12/22/2023 03:50	WG2194376
1,1,2,2-Tetrachloroethane	ND		0.00628	1.41	12/22/2023 03:50	WG2194376
Tetrachloroethene	ND		0.00628	1.41	12/22/2023 03:50	WG2194376
Toluene	ND		0.0125	1.41	12/22/2023 03:50	WG2194376
1,2,3-Trichlorobenzene	ND	C3 J3	0.0313	1.41	12/22/2023 03:50	WG2194376
1,2,4-Trichlorobenzene	ND	C3	0.0313	1.41	12/22/2023 03:50	WG2194376
1,1,1-Trichloroethane	ND		0.00628	1.41	12/22/2023 03:50	WG2194376
1,1,2-Trichloroethane	ND		0.00628	1.41	12/22/2023 03:50	WG2194376
Trichloroethene	ND		0.00251	1.41	12/22/2023 03:50	WG2194376
Trichlorofluoromethane	ND		0.00628	1.41	12/22/2023 03:50	WG2194376
1,2,3-Trichloropropane	ND		0.0313	1.41	12/22/2023 03:50	WG2194376
1,2,4-Trimethylbenzene	ND		0.0125	1.41	12/22/2023 03:50	WG2194376
1,3,5-Trimethylbenzene	ND		0.0125	1.41	12/22/2023 03:50	WG2194376
Vinyl chloride	ND		0.00628	1.41	12/22/2023 03:50	WG2194376
Xylenes, Total	ND		0.0163	1.41	12/22/2023 03:50	WG2194376
(S) Toluene-d8	*103*		*75.0-131*		*12/22/2023 03:50*	WG2194376
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*12/22/2023 03:50*	WG2194376
(S) 1,2-Dichloroethane-d4	*85.6*		*70.0-130*		*12/22/2023 03:50*	WG2194376

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.5		1	12/20/2023 12:18	WG2192718

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	127	J3 J5 O1	2.34	5	12/20/2023 21:19	WG2192975

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	0.257	C3	0.0815	1.25	12/22/2023 04:09	WG2194376
Acrylonitrile	ND	C3	0.0203	1.25	12/22/2023 04:09	WG2194376
Benzene	0.00790		0.00163	1.25	12/22/2023 04:09	WG2194376
Bromobenzene	ND		0.0203	1.25	12/22/2023 04:09	WG2194376
Bromodichloromethane	ND		0.00408	1.25	12/22/2023 04:09	WG2194376
Bromoform	ND		0.0408	1.25	12/22/2023 04:09	WG2194376
Bromomethane	ND		0.0203	1.25	12/22/2023 04:09	WG2194376
n-Butylbenzene	ND		0.0203	1.25	12/22/2023 04:09	WG2194376
sec-Butylbenzene	ND		0.0203	1.25	12/22/2023 04:09	WG2194376
tert-Butylbenzene	ND		0.00815	1.25	12/22/2023 04:09	WG2194376
Carbon tetrachloride	ND		0.00815	1.25	12/22/2023 04:09	WG2194376
Chlorobenzene	ND		0.00408	1.25	12/22/2023 04:09	WG2194376
Chlorodibromomethane	ND		0.00408	1.25	12/22/2023 04:09	WG2194376
Chloroethane	ND		0.00815	1.25	12/22/2023 04:09	WG2194376
Chloroform	ND		0.00408	1.25	12/22/2023 04:09	WG2194376
Chloromethane	ND		0.0203	1.25	12/22/2023 04:09	WG2194376
2-Chlorotoluene	ND		0.00408	1.25	12/22/2023 04:09	WG2194376
4-Chlorotoluene	ND		0.00815	1.25	12/22/2023 04:09	WG2194376
1,2-Dibromo-3-Chloropropane	ND		0.0408	1.25	12/22/2023 04:09	WG2194376
1,2-Dibromoethane	ND		0.00408	1.25	12/22/2023 04:09	WG2194376
Dibromomethane	ND		0.00815	1.25	12/22/2023 04:09	WG2194376
1,2-Dichlorobenzene	ND		0.00815	1.25	12/22/2023 04:09	WG2194376
1,3-Dichlorobenzene	ND		0.00815	1.25	12/22/2023 04:09	WG2194376
1,4-Dichlorobenzene	ND		0.00815	1.25	12/22/2023 04:09	WG2194376
Dichlorodifluoromethane	ND		0.00815	1.25	12/22/2023 04:09	WG2194376
1,1-Dichloroethane	ND		0.00408	1.25	12/22/2023 04:09	WG2194376
1,2-Dichloroethane	ND		0.00408	1.25	12/22/2023 04:09	WG2194376
1,1-Dichloroethene	ND		0.00408	1.25	12/22/2023 04:09	WG2194376
cis-1,2-Dichloroethene	ND		0.00408	1.25	12/22/2023 04:09	WG2194376
trans-1,2-Dichloroethene	ND		0.00815	1.25	12/22/2023 04:09	WG2194376
1,2-Dichloropropane	ND		0.00815	1.25	12/22/2023 04:09	WG2194376
1,1-Dichloropropene	ND		0.00408	1.25	12/22/2023 04:09	WG2194376
1,3-Dichloropropane	ND		0.00815	1.25	12/22/2023 04:09	WG2194376
cis-1,3-Dichloropropene	ND		0.00408	1.25	12/22/2023 04:09	WG2194376
trans-1,3-Dichloropropene	ND		0.00815	1.25	12/22/2023 04:09	WG2194376
2,2-Dichloropropane	ND		0.00408	1.25	12/22/2023 04:09	WG2194376
Di-isopropyl ether	ND	C3	0.00163	1.25	12/22/2023 04:09	WG2194376
Ethylbenzene	ND		0.00408	1.25	12/22/2023 04:09	WG2194376
Hexachloro-1,3-butadiene	ND	J3	0.0408	1.25	12/22/2023 04:09	WG2194376
Isopropylbenzene	ND		0.00408	1.25	12/22/2023 04:09	WG2194376
p-Isopropyltoluene	ND		0.00815	1.25	12/22/2023 04:09	WG2194376
2-Butanone (MEK)	ND		0.163	1.25	12/22/2023 04:09	WG2194376
Methylene Chloride	ND		0.0408	1.25	12/22/2023 04:09	WG2194376
4-Methyl-2-pentanone (MIBK)	ND		0.0408	1.25	12/22/2023 04:09	WG2194376
Methyl tert-butyl ether	ND		0.00163	1.25	12/22/2023 04:09	WG2194376

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	0.0257	C3	0.0203	1.25	12/22/2023 04:09	WG2194376
n-Propylbenzene	ND		0.00815	1.25	12/22/2023 04:09	WG2194376
Styrene	ND		0.0203	1.25	12/22/2023 04:09	WG2194376
1,1,1,2-Tetrachloroethane	ND		0.00408	1.25	12/22/2023 04:09	WG2194376
1,1,2,2-Tetrachloroethane	ND		0.00408	1.25	12/22/2023 04:09	WG2194376
Tetrachloroethene	0.00420		0.00408	1.25	12/22/2023 04:09	WG2194376
Toluene	0.0257		0.00815	1.25	12/22/2023 04:09	WG2194376
1,2,3-Trichlorobenzene	ND	C3 J3	0.0203	1.25	12/22/2023 04:09	WG2194376
1,2,4-Trichlorobenzene	ND	C3	0.0203	1.25	12/22/2023 04:09	WG2194376
1,1,1-Trichloroethane	ND		0.00408	1.25	12/22/2023 04:09	WG2194376
1,1,2-Trichloroethane	ND		0.00408	1.25	12/22/2023 04:09	WG2194376
Trichloroethene	ND		0.00163	1.25	12/22/2023 04:09	WG2194376
Trichlorofluoromethane	ND		0.00408	1.25	12/22/2023 04:09	WG2194376
1,2,3-Trichloropropane	ND		0.0203	1.25	12/22/2023 04:09	WG2194376
1,2,4-Trimethylbenzene	ND		0.00815	1.25	12/22/2023 04:09	WG2194376
1,3,5-Trimethylbenzene	ND		0.00815	1.25	12/22/2023 04:09	WG2194376
Vinyl chloride	ND		0.00408	1.25	12/22/2023 04:09	WG2194376
Xylenes, Total	0.0354		0.0106	1.25	12/22/2023 04:09	WG2194376
(S) Toluene-d8	*101*		*75.0-131*		*12/22/2023 04:09*	WG2194376
(S) 4-Bromofluorobenzene	*104*		*67.0-138*		*12/22/2023 04:09*	WG2194376
(S) 1,2-Dichloroethane-d4	*79.4*		*70.0-130*		*12/22/2023 04:09*	WG2194376

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	77.2		1	12/20/2023 12:18	WG2192718

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	8.52		2.59	5	12/20/2023 22:13	WG2192975

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0795	1	12/22/2023 04:28	WG2194376
Acrylonitrile	ND	C3	0.0199	1	12/22/2023 04:28	WG2194376
Benzene	ND		0.00159	1	12/22/2023 04:28	WG2194376
Bromobenzene	ND		0.0199	1	12/22/2023 04:28	WG2194376
Bromodichloromethane	ND		0.00397	1	12/22/2023 04:28	WG2194376
Bromoform	ND		0.0397	1	12/22/2023 04:28	WG2194376
Bromomethane	ND		0.0199	1	12/22/2023 04:28	WG2194376
n-Butylbenzene	ND		0.0199	1	12/22/2023 04:28	WG2194376
sec-Butylbenzene	ND		0.0199	1	12/22/2023 04:28	WG2194376
tert-Butylbenzene	ND		0.00795	1	12/22/2023 04:28	WG2194376
Carbon tetrachloride	ND		0.00795	1	12/22/2023 04:28	WG2194376
Chlorobenzene	ND		0.00397	1	12/22/2023 04:28	WG2194376
Chlorodibromomethane	ND		0.00397	1	12/22/2023 04:28	WG2194376
Chloroethane	ND		0.00795	1	12/22/2023 04:28	WG2194376
Chloroform	ND		0.00397	1	12/22/2023 04:28	WG2194376
Chloromethane	ND		0.0199	1	12/22/2023 04:28	WG2194376
2-Chlorotoluene	ND		0.00397	1	12/22/2023 04:28	WG2194376
4-Chlorotoluene	ND		0.00795	1	12/22/2023 04:28	WG2194376
1,2-Dibromo-3-Chloropropane	ND		0.0397	1	12/22/2023 04:28	WG2194376
1,2-Dibromoethane	ND		0.00397	1	12/22/2023 04:28	WG2194376
Dibromomethane	ND		0.00795	1	12/22/2023 04:28	WG2194376
1,2-Dichlorobenzene	ND		0.00795	1	12/22/2023 04:28	WG2194376
1,3-Dichlorobenzene	ND		0.00795	1	12/22/2023 04:28	WG2194376
1,4-Dichlorobenzene	ND		0.00795	1	12/22/2023 04:28	WG2194376
Dichlorodifluoromethane	ND		0.00795	1	12/22/2023 04:28	WG2194376
1,1-Dichloroethane	ND		0.00397	1	12/22/2023 04:28	WG2194376
1,2-Dichloroethane	ND		0.00397	1	12/22/2023 04:28	WG2194376
1,1-Dichloroethene	ND		0.00397	1	12/22/2023 04:28	WG2194376
cis-1,2-Dichloroethene	ND		0.00397	1	12/22/2023 04:28	WG2194376
trans-1,2-Dichloroethene	ND		0.00795	1	12/22/2023 04:28	WG2194376
1,2-Dichloropropane	ND		0.00795	1	12/22/2023 04:28	WG2194376
1,1-Dichloropropene	ND		0.00397	1	12/22/2023 04:28	WG2194376
1,3-Dichloropropane	ND		0.00795	1	12/22/2023 04:28	WG2194376
cis-1,3-Dichloropropene	ND		0.00397	1	12/22/2023 04:28	WG2194376
trans-1,3-Dichloropropene	ND		0.00795	1	12/22/2023 04:28	WG2194376
2,2-Dichloropropane	ND		0.00397	1	12/22/2023 04:28	WG2194376
Di-isopropyl ether	ND	C3	0.00159	1	12/22/2023 04:28	WG2194376
Ethylbenzene	ND		0.00397	1	12/22/2023 04:28	WG2194376
Hexachloro-1,3-butadiene	ND	J3	0.0397	1	12/22/2023 04:28	WG2194376
Isopropylbenzene	ND		0.00397	1	12/22/2023 04:28	WG2194376
p-Isopropyltoluene	ND		0.00795	1	12/22/2023 04:28	WG2194376
2-Butanone (MEK)	ND		0.159	1	12/22/2023 04:28	WG2194376
Methylene Chloride	ND		0.0397	1	12/22/2023 04:28	WG2194376
4-Methyl-2-pentanone (MIBK)	ND		0.0397	1	12/22/2023 04:28	WG2194376
Methyl tert-butyl ether	ND		0.00159	1	12/22/2023 04:28	WG2194376

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND	C3	0.0199	1	12/22/2023 04:28	WG2194376
n-Propylbenzene	ND		0.00795	1	12/22/2023 04:28	WG2194376
Styrene	ND		0.0199	1	12/22/2023 04:28	WG2194376
1,1,1,2-Tetrachloroethane	ND		0.00397	1	12/22/2023 04:28	WG2194376
1,1,2,2-Tetrachloroethane	ND		0.00397	1	12/22/2023 04:28	WG2194376
Tetrachloroethene	ND		0.00397	1	12/22/2023 04:28	WG2194376
Toluene	ND		0.00795	1	12/22/2023 04:28	WG2194376
1,2,3-Trichlorobenzene	ND	C3 J3	0.0199	1	12/22/2023 04:28	WG2194376
1,2,4-Trichlorobenzene	ND	C3	0.0199	1	12/22/2023 04:28	WG2194376
1,1,1-Trichloroethane	ND		0.00397	1	12/22/2023 04:28	WG2194376
1,1,2-Trichloroethane	ND		0.00397	1	12/22/2023 04:28	WG2194376
Trichloroethene	ND		0.00159	1	12/22/2023 04:28	WG2194376
Trichlorofluoromethane	ND		0.00397	1	12/22/2023 04:28	WG2194376
1,2,3-Trichloropropane	ND		0.0199	1	12/22/2023 04:28	WG2194376
1,2,4-Trimethylbenzene	ND		0.00795	1	12/22/2023 04:28	WG2194376
1,3,5-Trimethylbenzene	ND		0.00795	1	12/22/2023 04:28	WG2194376
Vinyl chloride	ND		0.00397	1	12/22/2023 04:28	WG2194376
Xylenes, Total	ND		0.0103	1	12/22/2023 04:28	WG2194376
(S) Toluene-d8	*101*		*75.0-131*		*12/22/2023 04:28*	WG2194376
(S) 4-Bromofluorobenzene	*99.7*		*67.0-138*		*12/22/2023 04:28*	WG2194376
(S) 1,2-Dichloroethane-d4	*68.6*	J2	*70.0-130*		*12/22/2023 04:28*	WG2194376

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.9		1	12/20/2023 12:18	WG2192718

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	52.1		2.27	5	12/26/2023 19:43	WG2193825

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0791	1.27	12/22/2023 04:47	WG2194376
Acrylonitrile	ND	C3	0.0198	1.27	12/22/2023 04:47	WG2194376
Benzene	ND		0.00158	1.27	12/22/2023 04:47	WG2194376
Bromobenzene	ND		0.0198	1.27	12/22/2023 04:47	WG2194376
Bromodichloromethane	ND		0.00396	1.27	12/22/2023 04:47	WG2194376
Bromoform	ND		0.0396	1.27	12/22/2023 04:47	WG2194376
Bromomethane	ND		0.0198	1.27	12/22/2023 04:47	WG2194376
n-Butylbenzene	ND		0.0198	1.27	12/22/2023 04:47	WG2194376
sec-Butylbenzene	ND		0.0198	1.27	12/22/2023 04:47	WG2194376
tert-Butylbenzene	ND		0.00791	1.27	12/22/2023 04:47	WG2194376
Carbon tetrachloride	ND		0.00791	1.27	12/22/2023 04:47	WG2194376
Chlorobenzene	ND		0.00396	1.27	12/22/2023 04:47	WG2194376
Chlorodibromomethane	ND		0.00396	1.27	12/22/2023 04:47	WG2194376
Chloroethane	ND		0.00791	1.27	12/22/2023 04:47	WG2194376
Chloroform	ND		0.00396	1.27	12/22/2023 04:47	WG2194376
Chloromethane	ND		0.0198	1.27	12/22/2023 04:47	WG2194376
2-Chlorotoluene	ND		0.00396	1.27	12/22/2023 04:47	WG2194376
4-Chlorotoluene	ND		0.00791	1.27	12/22/2023 04:47	WG2194376
1,2-Dibromo-3-Chloropropane	ND		0.0396	1.27	12/22/2023 04:47	WG2194376
1,2-Dibromoethane	ND		0.00396	1.27	12/22/2023 04:47	WG2194376
Dibromomethane	ND		0.00791	1.27	12/22/2023 04:47	WG2194376
1,2-Dichlorobenzene	ND		0.00791	1.27	12/22/2023 04:47	WG2194376
1,3-Dichlorobenzene	ND		0.00791	1.27	12/22/2023 04:47	WG2194376
1,4-Dichlorobenzene	ND		0.00791	1.27	12/22/2023 04:47	WG2194376
Dichlorodifluoromethane	ND		0.00791	1.27	12/22/2023 04:47	WG2194376
1,1-Dichloroethane	ND		0.00396	1.27	12/22/2023 04:47	WG2194376
1,2-Dichloroethane	ND		0.00396	1.27	12/22/2023 04:47	WG2194376
1,1-Dichloroethene	ND		0.00396	1.27	12/22/2023 04:47	WG2194376
cis-1,2-Dichloroethene	ND		0.00396	1.27	12/22/2023 04:47	WG2194376
trans-1,2-Dichloroethene	ND		0.00791	1.27	12/22/2023 04:47	WG2194376
1,2-Dichloropropane	ND		0.00791	1.27	12/22/2023 04:47	WG2194376
1,1-Dichloropropene	ND		0.00396	1.27	12/22/2023 04:47	WG2194376
1,3-Dichloropropane	ND		0.00791	1.27	12/22/2023 04:47	WG2194376
cis-1,3-Dichloropropene	ND		0.00396	1.27	12/22/2023 04:47	WG2194376
trans-1,3-Dichloropropene	ND		0.00791	1.27	12/22/2023 04:47	WG2194376
2,2-Dichloropropane	ND		0.00396	1.27	12/22/2023 04:47	WG2194376
Di-isopropyl ether	ND	C3	0.00158	1.27	12/22/2023 04:47	WG2194376
Ethylbenzene	ND		0.00396	1.27	12/22/2023 04:47	WG2194376
Hexachloro-1,3-butadiene	ND	J3	0.0396	1.27	12/22/2023 04:47	WG2194376
Isopropylbenzene	ND		0.00396	1.27	12/22/2023 04:47	WG2194376
p-Isopropyltoluene	ND		0.00791	1.27	12/22/2023 04:47	WG2194376
2-Butanone (MEK)	ND		0.158	1.27	12/22/2023 04:47	WG2194376
Methylene Chloride	ND		0.0396	1.27	12/22/2023 04:47	WG2194376
4-Methyl-2-pentanone (MIBK)	ND		0.0396	1.27	12/22/2023 04:47	WG2194376
Methyl tert-butyl ether	ND		0.00158	1.27	12/22/2023 04:47	WG2194376

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND	C3	0.0198	1.27	12/22/2023 04:47	WG2194376
n-Propylbenzene	ND		0.00791	1.27	12/22/2023 04:47	WG2194376
Styrene	ND		0.0198	1.27	12/22/2023 04:47	WG2194376
1,1,1,2-Tetrachloroethane	ND		0.00396	1.27	12/22/2023 04:47	WG2194376
1,1,2,2-Tetrachloroethane	ND		0.00396	1.27	12/22/2023 04:47	WG2194376
Tetrachloroethene	ND		0.00396	1.27	12/22/2023 04:47	WG2194376
Toluene	ND		0.00791	1.27	12/22/2023 04:47	WG2194376
1,2,3-Trichlorobenzene	ND	C3 J3	0.0198	1.27	12/22/2023 04:47	WG2194376
1,2,4-Trichlorobenzene	ND	C3	0.0198	1.27	12/22/2023 04:47	WG2194376
1,1,1-Trichloroethane	ND		0.00396	1.27	12/22/2023 04:47	WG2194376
1,1,2-Trichloroethane	ND		0.00396	1.27	12/22/2023 04:47	WG2194376
Trichloroethene	ND		0.00158	1.27	12/22/2023 04:47	WG2194376
Trichlorofluoromethane	ND		0.00396	1.27	12/22/2023 04:47	WG2194376
1,2,3-Trichloropropane	ND		0.0198	1.27	12/22/2023 04:47	WG2194376
1,2,4-Trimethylbenzene	ND		0.00791	1.27	12/22/2023 04:47	WG2194376
1,3,5-Trimethylbenzene	ND		0.00791	1.27	12/22/2023 04:47	WG2194376
Vinyl chloride	ND		0.00396	1.27	12/22/2023 04:47	WG2194376
Xylenes, Total	ND		0.0103	1.27	12/22/2023 04:47	WG2194376
(S) Toluene-d8	*102*		*75.0-131*		*12/22/2023 04:47*	WG2194376
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*12/22/2023 04:47*	WG2194376
(S) 1,2-Dichloroethane-d4	*79.1*		*70.0-130*		*12/22/2023 04:47*	WG2194376

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.4		1	12/20/2023 12:18	WG2192718

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Lead	20.3		2.40	5	12/20/2023 22:16	WG2192975

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Acetone	ND	C3	0.0753	1.09	12/22/2023 05:06	WG2194376
Acrylonitrile	ND	C3	0.0188	1.09	12/22/2023 05:06	WG2194376
Benzene	ND		0.00151	1.09	12/22/2023 05:06	WG2194376
Bromobenzene	ND		0.0188	1.09	12/22/2023 05:06	WG2194376
Bromodichloromethane	ND		0.00377	1.09	12/22/2023 05:06	WG2194376
Bromoform	ND		0.0377	1.09	12/22/2023 05:06	WG2194376
Bromomethane	ND		0.0188	1.09	12/22/2023 05:06	WG2194376
n-Butylbenzene	ND		0.0188	1.09	12/22/2023 05:06	WG2194376
sec-Butylbenzene	ND		0.0188	1.09	12/22/2023 05:06	WG2194376
tert-Butylbenzene	ND		0.00753	1.09	12/22/2023 05:06	WG2194376
Carbon tetrachloride	ND		0.00753	1.09	12/22/2023 05:06	WG2194376
Chlorobenzene	ND		0.00377	1.09	12/22/2023 05:06	WG2194376
Chlorodibromomethane	ND		0.00377	1.09	12/22/2023 05:06	WG2194376
Chloroethane	ND		0.00753	1.09	12/22/2023 05:06	WG2194376
Chloroform	ND		0.00377	1.09	12/22/2023 05:06	WG2194376
Chloromethane	ND		0.0188	1.09	12/22/2023 05:06	WG2194376
2-Chlorotoluene	ND		0.00377	1.09	12/22/2023 05:06	WG2194376
4-Chlorotoluene	ND		0.00753	1.09	12/22/2023 05:06	WG2194376
1,2-Dibromo-3-Chloropropane	ND		0.0377	1.09	12/22/2023 05:06	WG2194376
1,2-Dibromoethane	ND		0.00377	1.09	12/22/2023 05:06	WG2194376
Dibromomethane	ND		0.00753	1.09	12/22/2023 05:06	WG2194376
1,2-Dichlorobenzene	ND		0.00753	1.09	12/22/2023 05:06	WG2194376
1,3-Dichlorobenzene	ND		0.00753	1.09	12/22/2023 05:06	WG2194376
1,4-Dichlorobenzene	ND		0.00753	1.09	12/22/2023 05:06	WG2194376
Dichlorodifluoromethane	ND		0.00753	1.09	12/22/2023 05:06	WG2194376
1,1-Dichloroethane	ND		0.00377	1.09	12/22/2023 05:06	WG2194376
1,2-Dichloroethane	ND		0.00377	1.09	12/22/2023 05:06	WG2194376
1,1-Dichloroethene	ND		0.00377	1.09	12/22/2023 05:06	WG2194376
cis-1,2-Dichloroethene	ND		0.00377	1.09	12/22/2023 05:06	WG2194376
trans-1,2-Dichloroethene	ND		0.00753	1.09	12/22/2023 05:06	WG2194376
1,2-Dichloropropane	ND		0.00753	1.09	12/22/2023 05:06	WG2194376
1,1-Dichloropropene	ND		0.00377	1.09	12/22/2023 05:06	WG2194376
1,3-Dichloropropane	ND		0.00753	1.09	12/22/2023 05:06	WG2194376
cis-1,3-Dichloropropene	ND		0.00377	1.09	12/22/2023 05:06	WG2194376
trans-1,3-Dichloropropene	ND		0.00753	1.09	12/22/2023 05:06	WG2194376
2,2-Dichloropropane	ND		0.00377	1.09	12/22/2023 05:06	WG2194376
Di-isopropyl ether	ND	C3	0.00151	1.09	12/22/2023 05:06	WG2194376
Ethylbenzene	ND		0.00377	1.09	12/22/2023 05:06	WG2194376
Hexachloro-1,3-butadiene	ND	J3	0.0377	1.09	12/22/2023 05:06	WG2194376
Isopropylbenzene	ND		0.00377	1.09	12/22/2023 05:06	WG2194376
p-Isopropyltoluene	ND		0.00753	1.09	12/22/2023 05:06	WG2194376
2-Butanone (MEK)	ND		0.151	1.09	12/22/2023 05:06	WG2194376
Methylene Chloride	ND		0.0377	1.09	12/22/2023 05:06	WG2194376
4-Methyl-2-pentanone (MIBK)	ND		0.0377	1.09	12/22/2023 05:06	WG2194376
Methyl tert-butyl ether	ND		0.00151	1.09	12/22/2023 05:06	WG2194376

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Naphthalene	ND	C3	0.0188	1.09	12/22/2023 05:06	WG2194376
n-Propylbenzene	ND		0.00753	1.09	12/22/2023 05:06	WG2194376
Styrene	ND		0.0188	1.09	12/22/2023 05:06	WG2194376
1,1,1,2-Tetrachloroethane	ND		0.00377	1.09	12/22/2023 05:06	WG2194376
1,1,2,2-Tetrachloroethane	ND		0.00377	1.09	12/22/2023 05:06	WG2194376
Tetrachloroethene	ND		0.00377	1.09	12/22/2023 05:06	WG2194376
Toluene	ND		0.00753	1.09	12/22/2023 05:06	WG2194376
1,2,3-Trichlorobenzene	ND	C3 J3	0.0188	1.09	12/22/2023 05:06	WG2194376
1,2,4-Trichlorobenzene	ND	C3	0.0188	1.09	12/22/2023 05:06	WG2194376
1,1,1-Trichloroethane	ND		0.00377	1.09	12/22/2023 05:06	WG2194376
1,1,2-Trichloroethane	ND		0.00377	1.09	12/22/2023 05:06	WG2194376
Trichloroethene	ND		0.00151	1.09	12/22/2023 05:06	WG2194376
Trichlorofluoromethane	ND		0.00377	1.09	12/22/2023 05:06	WG2194376
1,2,3-Trichloropropane	ND		0.0188	1.09	12/22/2023 05:06	WG2194376
1,2,4-Trimethylbenzene	ND		0.00753	1.09	12/22/2023 05:06	WG2194376
1,3,5-Trimethylbenzene	ND		0.00753	1.09	12/22/2023 05:06	WG2194376
Vinyl chloride	ND		0.00377	1.09	12/22/2023 05:06	WG2194376
Xylenes, Total	ND		0.00978	1.09	12/22/2023 05:06	WG2194376
(S) Toluene-d8	*102*		*75.0-131*		*12/22/2023 05:06*	WG2194376
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*12/22/2023 05:06*	WG2194376
(S) 1,2-Dichloroethane-d4	*84.5*		*70.0-130*		*12/22/2023 05:06*	WG2194376

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	12/26/2023 23:25	WG2196208
Acrolein	ND	J4	50.0	1	12/26/2023 23:25	WG2196208
Acrylonitrile	ND		10.0	1	12/26/2023 23:25	WG2196208
Benzene	ND		1.00	1	12/26/2023 23:25	WG2196208
Bromobenzene	ND		1.00	1	12/26/2023 23:25	WG2196208
Bromodichloromethane	ND		1.00	1	12/26/2023 23:25	WG2196208
Bromoform	ND		1.00	1	12/26/2023 23:25	WG2196208
Bromomethane	ND	C3	5.00	1	12/26/2023 23:25	WG2196208
n-Butylbenzene	ND		1.00	1	12/26/2023 23:25	WG2196208
sec-Butylbenzene	ND		1.00	1	12/26/2023 23:25	WG2196208
tert-Butylbenzene	ND		1.00	1	12/26/2023 23:25	WG2196208
Carbon tetrachloride	ND		1.00	1	12/26/2023 23:25	WG2196208
Chlorobenzene	ND		1.00	1	12/26/2023 23:25	WG2196208
Chlorodibromomethane	ND		1.00	1	12/26/2023 23:25	WG2196208
Chloroethane	ND	C3 J4	5.00	1	12/26/2023 23:25	WG2196208
Chloroform	ND		5.00	1	12/26/2023 23:25	WG2196208
Chloromethane	ND		2.50	1	12/26/2023 23:25	WG2196208
2-Chlorotoluene	ND		1.00	1	12/26/2023 23:25	WG2196208
4-Chlorotoluene	ND		1.00	1	12/26/2023 23:25	WG2196208
1,2-Dibromo-3-Chloropropane	ND		5.00	1	12/26/2023 23:25	WG2196208
1,2-Dibromoethane	ND		1.00	1	12/26/2023 23:25	WG2196208
Dibromomethane	ND		1.00	1	12/26/2023 23:25	WG2196208
1,2-Dichlorobenzene	ND		1.00	1	12/26/2023 23:25	WG2196208
1,3-Dichlorobenzene	ND		1.00	1	12/26/2023 23:25	WG2196208
1,4-Dichlorobenzene	ND		1.00	1	12/26/2023 23:25	WG2196208
Dichlorodifluoromethane	ND		5.00	1	12/26/2023 23:25	WG2196208
1,1-Dichloroethane	ND		1.00	1	12/26/2023 23:25	WG2196208
1,2-Dichloroethane	ND		1.00	1	12/26/2023 23:25	WG2196208
1,1-Dichloroethene	ND		1.00	1	12/26/2023 23:25	WG2196208
cis-1,2-Dichloroethene	ND		1.00	1	12/26/2023 23:25	WG2196208
trans-1,2-Dichloroethene	ND		1.00	1	12/26/2023 23:25	WG2196208
1,2-Dichloropropane	ND		1.00	1	12/26/2023 23:25	WG2196208
1,1-Dichloropropene	ND		1.00	1	12/26/2023 23:25	WG2196208
1,3-Dichloropropane	ND		1.00	1	12/26/2023 23:25	WG2196208
cis-1,3-Dichloropropene	ND		1.00	1	12/26/2023 23:25	WG2196208
trans-1,3-Dichloropropene	ND		1.00	1	12/26/2023 23:25	WG2196208
2,2-Dichloropropane	ND		1.00	1	12/26/2023 23:25	WG2196208
Di-isopropyl ether	ND		1.00	1	12/26/2023 23:25	WG2196208
Ethylbenzene	ND		1.00	1	12/26/2023 23:25	WG2196208
Hexachloro-1,3-butadiene	ND		1.00	1	12/26/2023 23:25	WG2196208
Isopropylbenzene	ND		1.00	1	12/26/2023 23:25	WG2196208
p-Isopropyltoluene	ND		1.00	1	12/26/2023 23:25	WG2196208
2-Butanone (MEK)	ND		10.0	1	12/26/2023 23:25	WG2196208
Methylene Chloride	ND		5.00	1	12/26/2023 23:25	WG2196208
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	12/26/2023 23:25	WG2196208
Methyl tert-butyl ether	ND		1.00	1	12/26/2023 23:25	WG2196208
Naphthalene	ND	C3 J4	5.00	1	12/26/2023 23:25	WG2196208
n-Propylbenzene	ND		1.00	1	12/26/2023 23:25	WG2196208
Styrene	ND		1.00	1	12/26/2023 23:25	WG2196208
1,1,1,2-Tetrachloroethane	ND		1.00	1	12/26/2023 23:25	WG2196208
1,1,2,2-Tetrachloroethane	ND		1.00	1	12/26/2023 23:25	WG2196208
Tetrachloroethene	ND		1.00	1	12/26/2023 23:25	WG2196208
Toluene	ND		1.00	1	12/26/2023 23:25	WG2196208
1,2,3-Trichlorobenzene	ND		1.00	1	12/26/2023 23:25	WG2196208
1,2,4-Trichlorobenzene	ND	C3	1.00	1	12/26/2023 23:25	WG2196208
1,1,1-Trichloroethane	ND		1.00	1	12/26/2023 23:25	WG2196208

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	ND		1.00	1	12/26/2023 23:25	WG2196208
Trichloroethene	ND		1.00	1	12/26/2023 23:25	WG2196208
Trichlorofluoromethane	ND	C3	5.00	1	12/26/2023 23:25	WG2196208
1,2,3-Trichloropropane	ND		2.50	1	12/26/2023 23:25	WG2196208
1,2,4-Trimethylbenzene	ND		1.00	1	12/26/2023 23:25	WG2196208
1,3,5-Trimethylbenzene	ND		1.00	1	12/26/2023 23:25	WG2196208
Vinyl chloride	ND	C3 J4	1.00	1	12/26/2023 23:25	WG2196208
Xylenes, Total	ND		3.00	1	12/26/2023 23:25	WG2196208
(S) Toluene-d8	*107*		*80.0-120*		*12/26/2023 23:25*	WG2196208
(S) 4-Bromofluorobenzene	*92.1*		*77.0-126*		*12/26/2023 23:25*	WG2196208
(S) 1,2-Dichloroethane-d4	*91.6*		*70.0-130*		*12/26/2023 23:25*	WG2196208

Method Blank (MB)

(MB) R4015163-1 12/20/23 12:18

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00200			

L1689123-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1689123-07 12/20/23 12:18 • (DUP) R4015163-3 12/20/23 12:18

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	85.5	85.7	1	0.163		10

Laboratory Control Sample (LCS)

(LCS) R4015163-2 12/20/23 12:18

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	99.9	90.0-110	

Method Blank (MB)

(MB) R4015067-1 12/20/23 21:13

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Lead	U		0.0990	2.00

Laboratory Control Sample (LCS)

(LCS) R4015067-2 12/20/23 21:16

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	100	97.8	97.8	80.0-120	

L1689123-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1689123-07 12/20/23 21:19 • (MS) R4015067-5 12/20/23 21:29 • (MSD) R4015067-6 12/20/23 21:32

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	117	127	510	255	328	109	5	75.0-125	J5	J3	66.8	20

Method Blank (MB)

(MB) R4016808-1 12/26/23 19:21

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Lead	U		0.0990	2.00

Laboratory Control Sample (LCS)

(LCS) R4016808-2 12/26/23 19:24

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	100	91.2	91.2	80.0-120	

L1690053-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1690053-04 12/26/23 19:27 • (MS) R4016808-5 12/26/23 19:37 • (MSD) R4016808-6 12/26/23 19:40

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	127	27.2	141	138	89.3	87.4	5	75.0-125			1.72	20

Method Blank (MB)

(MB) R4016098-3 12/21/23 15:57

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	0.00115	J	0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00500
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R4016098-3 12/21/23 15:57

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	0.00935	J	0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*106*			*75.0-131*
(S) 4-Bromofluorobenzene	*94.8*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*98.8*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4016098-1 12/21/23 14:23 • (LCSD) R4016098-2 12/21/23 14:42

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.325	0.382	52.0	61.1	10.0-160			16.1	31
Acrylonitrile	0.625	0.564	0.570	90.2	91.2	45.0-153			1.06	22
Benzene	0.125	0.103	0.110	82.4	88.0	70.0-123			6.57	20
Bromobenzene	0.125	0.120	0.124	96.0	99.2	73.0-121			3.28	20
Bromodichloromethane	0.125	0.110	0.119	88.0	95.2	73.0-121			7.86	20
Bromoform	0.125	0.115	0.121	92.0	96.8	64.0-132			5.08	20
Bromomethane	0.125	0.139	0.148	111	118	56.0-147			6.27	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4016098-1 12/21/23 14:23 • (LCSD) R4016098-2 12/21/23 14:42

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
n-Butylbenzene	0.125	0.105	0.121	84.0	96.8	68.0-135			14.2	20
sec-Butylbenzene	0.125	0.112	0.122	89.6	97.6	74.0-130			8.55	20
tert-Butylbenzene	0.125	0.112	0.123	89.6	98.4	75.0-127			9.36	20
Carbon tetrachloride	0.125	0.115	0.122	92.0	97.6	66.0-128			5.91	20
Chlorobenzene	0.125	0.114	0.120	91.2	96.0	76.0-128			5.13	20
Chlorodibromomethane	0.125	0.125	0.130	100	104	74.0-127			3.92	20
Chloroethane	0.125	0.124	0.139	99.2	111	61.0-134			11.4	20
Chloroform	0.125	0.106	0.114	84.8	91.2	72.0-123			7.27	20
Chloromethane	0.125	0.159	0.179	127	143	51.0-138		J4	11.8	20
2-Chlorotoluene	0.125	0.122	0.125	97.6	100	75.0-124			2.43	20
4-Chlorotoluene	0.125	0.118	0.114	94.4	91.2	75.0-124			3.45	20
1,2-Dibromo-3-Chloropropane	0.125	0.108	0.111	86.4	88.8	59.0-130			2.74	20
1,2-Dibromoethane	0.125	0.115	0.124	92.0	99.2	74.0-128			7.53	20
Dibromomethane	0.125	0.109	0.116	87.2	92.8	75.0-122			6.22	20
1,2-Dichlorobenzene	0.125	0.114	0.122	91.2	97.6	76.0-124			6.78	20
1,3-Dichlorobenzene	0.125	0.115	0.123	92.0	98.4	76.0-125			6.72	20
1,4-Dichlorobenzene	0.125	0.111	0.121	88.8	96.8	77.0-121			8.62	20
Dichlorodifluoromethane	0.125	0.102	0.117	81.6	93.6	43.0-156			13.7	20
1,1-Dichloroethane	0.125	0.107	0.113	85.6	90.4	70.0-127			5.45	20
1,2-Dichloroethane	0.125	0.109	0.117	87.2	93.6	65.0-131			7.08	20
1,1-Dichloroethene	0.125	0.106	0.106	84.8	84.8	65.0-131			0.000	20
cis-1,2-Dichloroethene	0.125	0.104	0.107	83.2	85.6	73.0-125			2.84	20
trans-1,2-Dichloroethene	0.125	0.100	0.108	80.0	86.4	71.0-125			7.69	20
1,2-Dichloropropane	0.125	0.107	0.117	85.6	93.6	74.0-125			8.93	20
1,1-Dichloropropene	0.125	0.109	0.115	87.2	92.0	73.0-125			5.36	20
1,3-Dichloropropane	0.125	0.115	0.121	92.0	96.8	80.0-125			5.08	20
cis-1,3-Dichloropropene	0.125	0.108	0.120	86.4	96.0	76.0-127			10.5	20
trans-1,3-Dichloropropene	0.125	0.117	0.125	93.6	100	73.0-127			6.61	20
2,2-Dichloropropane	0.125	0.103	0.108	82.4	86.4	59.0-135			4.74	20
Di-isopropyl ether	0.125	0.121	0.130	96.8	104	60.0-136			7.17	20
Ethylbenzene	0.125	0.110	0.112	88.0	89.6	74.0-126			1.80	20
Hexachloro-1,3-butadiene	0.125	0.107	0.121	85.6	96.8	57.0-150			12.3	20
Isopropylbenzene	0.125	0.112	0.120	89.6	96.0	72.0-127			6.90	20
p-Isopropyltoluene	0.125	0.113	0.124	90.4	99.2	72.0-133			9.28	20
2-Butanone (MEK)	0.625	0.574	0.598	91.8	95.7	30.0-160			4.10	24
Methylene Chloride	0.125	0.102	0.114	81.6	91.2	68.0-123			11.1	20
4-Methyl-2-pentanone (MIBK)	0.625	0.673	0.702	108	112	56.0-143			4.22	20
Methyl tert-butyl ether	0.125	0.118	0.120	94.4	96.0	66.0-132			1.68	20
Naphthalene	0.125	0.0779	0.0877	62.3	70.2	59.0-130			11.8	20
n-Propylbenzene	0.125	0.113	0.118	90.4	94.4	74.0-126			4.33	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4016098-1 12/21/23 14:23 • (LCSD) R4016098-2 12/21/23 14:42

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Styrene	0.125	0.118	0.126	94.4	101	72.0-127			6.56	20
1,1,1,2-Tetrachloroethane	0.125	0.120	0.128	96.0	102	74.0-129			6.45	20
1,1,2,2-Tetrachloroethane	0.125	0.117	0.123	93.6	98.4	68.0-128			5.00	20
Tetrachloroethene	0.125	0.116	0.123	92.8	98.4	70.0-136			5.86	20
Toluene	0.125	0.112	0.119	89.6	95.2	75.0-121			6.06	20
1,2,3-Trichlorobenzene	0.125	0.0868	0.100	69.4	80.0	59.0-139			14.1	20
1,2,4-Trichlorobenzene	0.125	0.0977	0.103	78.2	82.4	62.0-137			5.28	20
1,1,1-Trichloroethane	0.125	0.108	0.116	86.4	92.8	69.0-126			7.14	20
1,1,2-Trichloroethane	0.125	0.118	0.123	94.4	98.4	78.0-123			4.15	20
Trichloroethene	0.125	0.111	0.119	88.8	95.2	76.0-126			6.96	20
Trichlorofluoromethane	0.125	0.106	0.121	84.8	96.8	61.0-142			13.2	20
1,2,3-Trichloropropane	0.125	0.126	0.128	101	102	67.0-129			1.57	20
1,2,4-Trimethylbenzene	0.125	0.110	0.118	88.0	94.4	70.0-126			7.02	20
1,3,5-Trimethylbenzene	0.125	0.116	0.125	92.8	100	73.0-127			7.47	20
Vinyl chloride	0.125	0.151	0.165	121	132	63.0-134			8.86	20
Xylenes, Total	0.375	0.332	0.350	88.5	93.3	72.0-127			5.28	20
(S) Toluene-d8				*105*	*103*	*75.0-131*				
(S) 4-Bromofluorobenzene				*96.5*	*97.5*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*102*	*105*	*70.0-130*				

Method Blank (MB)

(MB) R4016022-3 12/21/23 22:27

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	U		0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00500
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R4016022-3 12/21/23 22:27

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	0.0102	J	0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*102*			*75.0-131*
(S) 4-Bromofluorobenzene	*101*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*79.6*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4016022-1 12/21/23 20:52 • (LCSD) R4016022-2 12/21/23 21:11

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.275	0.243	44.0	38.9	10.0-160			12.4	31
Acrylonitrile	0.625	0.490	0.473	78.4	75.7	45.0-153			3.53	22
Benzene	0.125	0.123	0.125	98.4	100	70.0-123			1.61	20
Bromobenzene	0.125	0.129	0.135	103	108	73.0-121			4.55	20
Bromodichloromethane	0.125	0.120	0.123	96.0	98.4	73.0-121			2.47	20
Bromoform	0.125	0.114	0.124	91.2	99.2	64.0-132			8.40	20
Bromomethane	0.125	0.127	0.142	102	114	56.0-147			11.2	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4016022-1 12/21/23 20:52 • (LCSD) R4016022-2 12/21/23 21:11

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
n-Butylbenzene	0.125	0.100	0.116	80.0	92.8	68.0-135			14.8	20
sec-Butylbenzene	0.125	0.112	0.122	89.6	97.6	74.0-130			8.55	20
tert-Butylbenzene	0.125	0.120	0.126	96.0	101	75.0-127			4.88	20
Carbon tetrachloride	0.125	0.137	0.141	110	113	66.0-128			2.88	20
Chlorobenzene	0.125	0.129	0.139	103	111	76.0-128			7.46	20
Chlorodibromomethane	0.125	0.122	0.127	97.6	102	74.0-127			4.02	20
Chloroethane	0.125	0.114	0.123	91.2	98.4	61.0-134			7.59	20
Chloroform	0.125	0.113	0.119	90.4	95.2	72.0-123			5.17	20
Chloromethane	0.125	0.105	0.112	84.0	89.6	51.0-138			6.45	20
2-Chlorotoluene	0.125	0.114	0.126	91.2	101	75.0-124			10.0	20
4-Chlorotoluene	0.125	0.113	0.116	90.4	92.8	75.0-124			2.62	20
1,2-Dibromo-3-Chloropropane	0.125	0.107	0.111	85.6	88.8	59.0-130			3.67	20
1,2-Dibromoethane	0.125	0.122	0.130	97.6	104	74.0-128			6.35	20
Dibromomethane	0.125	0.122	0.127	97.6	102	75.0-122			4.02	20
1,2-Dichlorobenzene	0.125	0.110	0.120	88.0	96.0	76.0-124			8.70	20
1,3-Dichlorobenzene	0.125	0.116	0.124	92.8	99.2	76.0-125			6.67	20
1,4-Dichlorobenzene	0.125	0.115	0.117	92.0	93.6	77.0-121			1.72	20
Dichlorodifluoromethane	0.125	0.137	0.157	110	126	43.0-156			13.6	20
1,1-Dichloroethane	0.125	0.106	0.114	84.8	91.2	70.0-127			7.27	20
1,2-Dichloroethane	0.125	0.105	0.113	84.0	90.4	65.0-131			7.34	20
1,1-Dichloroethene	0.125	0.112	0.118	89.6	94.4	65.0-131			5.22	20
cis-1,2-Dichloroethene	0.125	0.122	0.125	97.6	100	73.0-125			2.43	20
trans-1,2-Dichloroethene	0.125	0.124	0.135	99.2	108	71.0-125			8.49	20
1,2-Dichloropropane	0.125	0.121	0.125	96.8	100	74.0-125			3.25	20
1,1-Dichloropropene	0.125	0.124	0.132	99.2	106	73.0-125			6.25	20
1,3-Dichloropropane	0.125	0.121	0.125	96.8	100	80.0-125			3.25	20
cis-1,3-Dichloropropene	0.125	0.125	0.126	100	101	76.0-127			0.797	20
trans-1,3-Dichloropropene	0.125	0.112	0.116	89.6	92.8	73.0-127			3.51	20
2,2-Dichloropropane	0.125	0.107	0.124	85.6	99.2	59.0-135			14.7	20
Di-isopropyl ether	0.125	0.0949	0.0962	75.9	77.0	60.0-136			1.36	20
Ethylbenzene	0.125	0.125	0.137	100	110	74.0-126			9.16	20
Hexachloro-1,3-butadiene	0.125	0.118	0.149	94.4	119	57.0-150		J3	23.2	20
Isopropylbenzene	0.125	0.122	0.135	97.6	108	72.0-127			10.1	20
p-Isopropyltoluene	0.125	0.110	0.120	88.0	96.0	72.0-133			8.70	20
2-Butanone (MEK)	0.625	0.590	0.572	94.4	91.5	30.0-160			3.10	24
Methylene Chloride	0.125	0.124	0.122	99.2	97.6	68.0-123			1.63	20
4-Methyl-2-pentanone (MIBK)	0.625	0.513	0.510	82.1	81.6	56.0-143			0.587	20
Methyl tert-butyl ether	0.125	0.109	0.114	87.2	91.2	66.0-132			4.48	20
Naphthalene	0.125	0.0829	0.100	66.3	80.0	59.0-130			18.7	20
n-Propylbenzene	0.125	0.107	0.116	85.6	92.8	74.0-126			8.07	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4016022-1 12/21/23 20:52 • (LCSD) R4016022-2 12/21/23 21:11

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Styrene	0.125	0.116	0.126	92.8	101	72.0-127			8.26	20
1,1,1,2-Tetrachloroethane	0.125	0.121	0.137	96.8	110	74.0-129			12.4	20
1,1,2,2-Tetrachloroethane	0.125	0.113	0.107	90.4	85.6	68.0-128			5.45	20
Tetrachloroethene	0.125	0.145	0.157	116	126	70.0-136			7.95	20
Toluene	0.125	0.127	0.136	102	109	75.0-121			6.84	20
1,2,3-Trichlorobenzene	0.125	0.0836	0.103	66.9	82.4	59.0-139		J3	20.8	20
1,2,4-Trichlorobenzene	0.125	0.0892	0.107	71.4	85.6	62.0-137			18.1	20
1,1,1-Trichloroethane	0.125	0.127	0.134	102	107	69.0-126			5.36	20
1,1,2-Trichloroethane	0.125	0.133	0.139	106	111	78.0-123			4.41	20
Trichloroethene	0.125	0.138	0.147	110	118	76.0-126			6.32	20
Trichlorofluoromethane	0.125	0.123	0.141	98.4	113	61.0-142			13.6	20
1,2,3-Trichloropropane	0.125	0.120	0.119	96.0	95.2	67.0-129			0.837	20
1,2,4-Trimethylbenzene	0.125	0.108	0.111	86.4	88.8	70.0-126			2.74	20
1,3,5-Trimethylbenzene	0.125	0.107	0.115	85.6	92.0	73.0-127			7.21	20
Vinyl chloride	0.125	0.109	0.127	87.2	102	63.0-134			15.3	20
Xylenes, Total	0.375	0.370	0.409	98.7	109	72.0-127			10.0	20
(S) Toluene-d8				*102*	*104*	*75.0-131*				
(S) 4-Bromofluorobenzene				*96.9*	*99.9*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*84.9*	*86.0*	*70.0-130*				

L1689054-16 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1689054-16 12/22/23 02:34 • (MS) R4016022-4 12/22/23 07:21 • (MSD) R4016022-5 12/22/23 07:40

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	0.794	ND	0.170	0.210	21.5	26.4	1	10.0-160			20.6	40
Acrylonitrile	0.794	ND	0.794	0.636	100	80.1	1	10.0-160			22.1	40
Benzene	0.159	ND	0.181	0.167	113	104	1	10.0-149			8.07	37
Bromobenzene	0.159	ND	0.170	0.175	107	110	1	10.0-156			2.71	38
Bromodichloromethane	0.159	ND	0.178	0.166	112	104	1	10.0-143			7.27	37
Bromoform	0.159	ND	0.169	0.175	106	110	1	10.0-146			3.64	36
Bromomethane	0.159	ND	0.133	0.125	83.2	78.5	1	10.0-149			5.82	38
n-Butylbenzene	0.159	ND	0.166	0.169	104	106	1	10.0-160			1.87	40
sec-Butylbenzene	0.159	ND	0.163	0.169	102	106	1	10.0-159			3.77	39
tert-Butylbenzene	0.159	ND	0.166	0.169	104	106	1	10.0-156			1.87	39
Carbon tetrachloride	0.159	ND	0.200	0.172	125	108	1	10.0-145			15.1	37
Chlorobenzene	0.159	ND	0.192	0.191	121	120	1	10.0-152			0.816	39
Chlorodibromomethane	0.159	ND	0.174	0.175	109	110	1	10.0-146			0.897	37
Chloroethane	0.159	ND	0.0999	0.0896	62.6	56.2	1	10.0-146			10.9	40

L1689054-16 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1689054-16 12/22/23 02:34 • (MS) R4016022-4 12/22/23 07:21 • (MSD) R4016022-5 12/22/23 07:40

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloroform	0.159	ND	0.163	0.156	102	97.8	1	10.0-146			4.12	37
Chloromethane	0.159	ND	0.144	0.137	90.6	86.1	1	10.0-159			5.11	37
2-Chlorotoluene	0.159	ND	0.159	0.161	100	101	1	10.0-159			0.976	38
4-Chlorotoluene	0.159	ND	0.149	0.161	93.5	101	1	10.0-155			7.66	39
1,2-Dibromo-3-Chloropropane	0.159	ND	0.133	0.141	83.3	88.1	1	10.0-151			5.60	39
1,2-Dibromoethane	0.159	ND	0.185	0.181	116	114	1	10.0-148			1.71	34
Dibromomethane	0.159	ND	0.192	0.180	121	113	1	10.0-147			6.72	35
1,2-Dichlorobenzene	0.159	ND	0.175	0.177	110	111	1	10.0-155			0.889	37
1,3-Dichlorobenzene	0.159	ND	0.177	0.177	111	111	1	10.0-153			0.000	38
1,4-Dichlorobenzene	0.159	ND	0.172	0.174	108	109	1	10.0-151			0.905	38
Dichlorodifluoromethane	0.159	ND	0.214	0.208	134	130	1	10.0-160			2.96	35
1,1-Dichloroethane	0.159	ND	0.151	0.148	94.4	93.0	1	10.0-147			1.46	37
1,2-Dichloroethane	0.159	ND	0.141	0.145	88.4	91.0	1	10.0-148			2.84	35
1,1-Dichloroethene	0.159	ND	0.155	0.154	97.2	96.4	1	10.0-155			0.811	37
cis-1,2-Dichloroethene	0.159	ND	0.169	0.166	106	104	1	10.0-149			1.87	37
trans-1,2-Dichloroethene	0.159	ND	0.185	0.172	116	108	1	10.0-150			7.02	37
1,2-Dichloropropane	0.159	ND	0.181	0.177	114	111	1	10.0-148			2.62	37
1,1-Dichloropropene	0.159	ND	0.181	0.177	114	111	1	10.0-153			2.62	35
1,3-Dichloropropane	0.159	ND	0.177	0.180	111	113	1	10.0-154			1.75	35
cis-1,3-Dichloropropene	0.159	ND	0.186	0.183	117	115	1	10.0-151			1.69	37
trans-1,3-Dichloropropene	0.159	ND	0.167	0.167	105	105	1	10.0-148			0.000	37
2,2-Dichloropropane	0.159	ND	0.108	0.113	67.6	70.8	1	10.0-138			4.53	36
Di-isopropyl ether	0.159	ND	0.133	0.135	83.6	84.4	1	10.0-147			0.933	36
Ethylbenzene	0.159	ND	0.192	0.191	121	120	1	10.0-160			0.816	38
Hexachloro-1,3-butadiene	0.159	ND	0.202	0.220	126	138	1	10.0-160			8.89	40
Isopropylbenzene	0.159	ND	0.197	0.197	124	124	1	10.0-155			0.000	38
p-Isopropyltoluene	0.159	ND	0.164	0.169	103	106	1	10.0-160			2.82	40
2-Butanone (MEK)	0.794	ND	0.575	0.325	72.4	40.9	1	10.0-160		J3	55.6	40
Methylene Chloride	0.159	ND	0.159	0.174	100	109	1	10.0-141			8.45	37
4-Methyl-2-pentanone (MIBK)	0.794	ND	0.621	0.657	78.1	82.7	1	10.0-160			5.63	35
Methyl tert-butyl ether	0.159	ND	0.150	0.115	94.3	72.1	1	11.0-147			26.8	35
Naphthalene	0.159	ND	0.159	0.164	100	103	1	10.0-160			2.90	36
n-Propylbenzene	0.159	ND	0.155	0.159	97.0	100	1	10.0-158			3.09	38
Styrene	0.159	ND	0.183	0.186	115	117	1	10.0-160			1.69	40
1,1,1,2-Tetrachloroethane	0.159	ND	0.188	0.180	118	113	1	10.0-149			4.26	39
1,1,2,2-Tetrachloroethane	0.159	ND	0.129	0.138	81.1	86.4	1	10.0-160			6.32	35
Tetrachloroethene	0.159	ND	0.224	0.220	140	138	1	10.0-156			1.41	39
Toluene	0.159	ND	0.186	0.186	117	117	1	10.0-156			0.000	38
1,2,3-Trichlorobenzene	0.159	ND	0.180	0.174	113	109	1	10.0-160			3.54	40

L1689054-16 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1689054-16 12/22/23 02:34 • (MS) R4016022-4 12/22/23 07:21 • (MSD) R4016022-5 12/22/23 07:40

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,2,4-Trichlorobenzene	0.159	ND	0.186	0.181	117	114	1	10.0-160			2.55	40
1,1,1-Trichloroethane	0.159	ND	0.166	0.174	104	109	1	10.0-144			4.61	35
1,1,2-Trichloroethane	0.159	ND	0.194	0.192	122	121	1	10.0-160			0.810	35
Trichloroethene	0.159	ND	0.202	0.203	126	127	1	10.0-156			0.772	38
Trichlorofluoromethane	0.159	ND	0.146	0.118	91.4	74.1	1	10.0-160			20.9	40
1,2,3-Trichloropropane	0.159	ND	0.141	0.149	88.3	93.5	1	10.0-156			5.71	35
1,2,4-Trimethylbenzene	0.159	ND	0.163	0.164	102	103	1	10.0-160			0.957	36
1,3,5-Trimethylbenzene	0.159	ND	0.158	0.156	99.0	97.7	1	10.0-160			1.30	38
Vinyl chloride	0.159	ND	0.170	0.163	107	102	1	10.0-160			4.69	37
Xylenes, Total	0.477	ND	0.580	0.577	122	121	1	10.0-160			0.541	38
(S) Toluene-d8					*101*	*101*		*75.0-131*				
(S) 4-Bromofluorobenzene					*104*	*101*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*81.6*	*87.3*		*70.0-130*				

Method Blank (MB)

(MB) R4017506-3 12/26/23 23:02

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00

Method Blank (MB)

(MB) R4017506-3 12/26/23 23:02

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*108*			*80.0-120*
(S) 4-Bromofluorobenzene	*94.4*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*89.9*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4017506-1 12/26/23 21:08 • (LCSD) R4017506-2 12/26/23 21:31

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	27.8	33.2	111	133	19.0-160			17.7	27
Acrolein	25.0	50.4	52.2	202	209	10.0-160	J4	J4	3.51	26
Acrylonitrile	25.0	24.9	24.8	99.6	99.2	55.0-149			0.402	20
Benzene	5.00	5.53	5.21	111	104	70.0-123			5.96	20
Bromobenzene	5.00	5.12	5.02	102	100	73.0-121			1.97	20
Bromodichloromethane	5.00	5.15	4.88	103	97.6	75.0-120			5.38	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4017506-1 12/26/23 21:08 • (LCSD) R4017506-2 12/26/23 21:31

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromoform	5.00	5.44	5.23	109	105	68.0-132			3.94	20
Bromomethane	5.00	1.44	1.28	28.8	25.6	10.0-160			11.8	25
n-Butylbenzene	5.00	4.73	4.73	94.6	94.6	73.0-125			0.000	20
sec-Butylbenzene	5.00	5.49	5.22	110	104	75.0-125			5.04	20
tert-Butylbenzene	5.00	4.93	4.73	98.6	94.6	76.0-124			4.14	20
Carbon tetrachloride	5.00	5.56	5.13	111	103	68.0-126			8.04	20
Chlorobenzene	5.00	5.66	5.44	113	109	80.0-121			3.96	20
Chlorodibromomethane	5.00	5.51	5.54	110	111	77.0-125			0.543	20
Chloroethane	5.00	2.26	2.21	45.2	44.2	47.0-150	J4	J4	2.24	20
Chloroform	5.00	5.42	5.08	108	102	73.0-120			6.48	20
Chloromethane	5.00	4.49	4.14	89.8	82.8	41.0-142			8.11	20
2-Chlorotoluene	5.00	5.16	4.97	103	99.4	76.0-123			3.75	20
4-Chlorotoluene	5.00	5.16	4.77	103	95.4	75.0-122			7.85	20
1,2-Dibromo-3-Chloropropane	5.00	4.16	4.07	83.2	81.4	58.0-134			2.19	20
1,2-Dibromoethane	5.00	5.81	5.45	116	109	80.0-122			6.39	20
Dibromomethane	5.00	5.21	4.88	104	97.6	80.0-120			6.54	20
1,2-Dichlorobenzene	5.00	5.74	5.54	115	111	79.0-121			3.55	20
1,3-Dichlorobenzene	5.00	5.55	5.24	111	105	79.0-120			5.75	20
1,4-Dichlorobenzene	5.00	5.61	5.42	112	108	79.0-120			3.45	20
Dichlorodifluoromethane	5.00	5.31	4.84	106	96.8	51.0-149			9.26	20
1,1-Dichloroethane	5.00	5.01	4.76	100	95.2	70.0-126			5.12	20
1,2-Dichloroethane	5.00	5.05	4.91	101	98.2	70.0-128			2.81	20
1,1-Dichloroethene	5.00	5.82	5.34	116	107	71.0-124			8.60	20
cis-1,2-Dichloroethene	5.00	5.32	5.07	106	101	73.0-120			4.81	20
trans-1,2-Dichloroethene	5.00	5.68	5.26	114	105	73.0-120			7.68	20
1,2-Dichloropropane	5.00	4.66	4.83	93.2	96.6	77.0-125			3.58	20
1,1-Dichloropropene	5.00	5.19	4.88	104	97.6	74.0-126			6.16	20
1,3-Dichloropropane	5.00	5.59	5.42	112	108	80.0-120			3.09	20
cis-1,3-Dichloropropene	5.00	4.91	4.94	98.2	98.8	80.0-123			0.609	20
trans-1,3-Dichloropropene	5.00	4.93	4.93	98.6	98.6	78.0-124			0.000	20
2,2-Dichloropropane	5.00	4.73	4.91	94.6	98.2	58.0-130			3.73	20
Di-isopropyl ether	5.00	5.16	4.87	103	97.4	58.0-138			5.78	20
Ethylbenzene	5.00	5.42	5.32	108	106	79.0-123			1.86	20
Hexachloro-1,3-butadiene	5.00	5.89	5.55	118	111	54.0-138			5.94	20
Isopropylbenzene	5.00	5.48	5.31	110	106	76.0-127			3.15	20
p-Isopropyltoluene	5.00	5.07	4.79	101	95.8	76.0-125			5.68	20
2-Butanone (MEK)	25.0	25.3	29.9	101	120	44.0-160			16.7	20
Methylene Chloride	5.00	5.56	5.94	111	119	67.0-120			6.61	20
4-Methyl-2-pentanone (MIBK)	25.0	24.7	24.0	98.8	96.0	68.0-142			2.87	20
Methyl tert-butyl ether	5.00	5.04	4.96	101	99.2	68.0-125			1.60	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4017506-1 12/26/23 21:08 • (LCSD) R4017506-2 12/26/23 21:31

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	5.00	1.93	2.23	38.6	44.6	54.0-135	J4	J4	14.4	20
n-Propylbenzene	5.00	5.15	4.92	103	98.4	77.0-124			4.57	20
Styrene	5.00	5.16	4.71	103	94.2	73.0-130			9.12	20
1,1,1,2-Tetrachloroethane	5.00	5.90	5.50	118	110	75.0-125			7.02	20
1,1,2,2-Tetrachloroethane	5.00	5.25	5.42	105	108	65.0-130			3.19	20
Tetrachloroethene	5.00	6.27	5.88	125	118	72.0-132			6.42	20
Toluene	5.00	5.47	5.22	109	104	79.0-120			4.68	20
1,2,3-Trichlorobenzene	5.00	4.17	4.36	83.4	87.2	50.0-138			4.45	20
1,2,4-Trichlorobenzene	5.00	3.75	3.79	75.0	75.8	57.0-137			1.06	20
1,1,1-Trichloroethane	5.00	5.38	5.03	108	101	73.0-124			6.72	20
1,1,2-Trichloroethane	5.00	5.41	5.64	108	113	80.0-120			4.16	20
Trichloroethene	5.00	5.90	5.60	118	112	78.0-124			5.22	20
Trichlorofluoromethane	5.00	3.57	3.42	71.4	68.4	59.0-147			4.29	20
1,2,3-Trichloropropane	5.00	5.70	5.55	114	111	73.0-130			2.67	20
1,2,4-Trimethylbenzene	5.00	5.15	5.03	103	101	76.0-121			2.36	20
1,3,5-Trimethylbenzene	5.00	5.40	5.09	108	102	76.0-122			5.91	20
Vinyl chloride	5.00	3.33	3.09	66.6	61.8	67.0-131	J4	J4	7.48	20
Xylenes, Total	15.0	16.2	15.7	108	105	79.0-123			3.13	20
(S) Toluene-d8				*105*	*104*	*80.0-120*				
(S) 4-Bromofluorobenzene				*97.4*	*95.7*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*89.6*	*87.8*	*70.0-130*				

L1691009-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1691009-03 12/27/23 05:10 • (MS) R4017506-4 12/27/23 07:06 • (MSD) R4017506-5 12/27/23 07:29

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	ND	ND	ND	122	119	1	10.0-160			2.32	35
Acrolein	25.0	ND	66.9	62.9	268	252	1	10.0-160	J5	J5	6.16	39
Acrylonitrile	25.0	ND	29.4	27.8	118	111	1	21.0-160			5.59	32
Benzene	5.00	1.30	7.72	6.87	128	111	1	17.0-158			11.7	27
Bromobenzene	5.00	ND	6.02	5.50	120	110	1	30.0-149			9.03	28
Bromodichloromethane	5.00	ND	6.11	5.65	122	113	1	31.0-150			7.82	27
Bromoform	5.00	ND	6.52	6.33	130	127	1	29.0-150			2.96	29
Bromomethane	5.00	ND	ND	ND	25.8	25.4	1	10.0-160			1.56	38
n-Butylbenzene	5.00	ND	6.52	5.54	130	111	1	31.0-150			16.3	30
sec-Butylbenzene	5.00	ND	6.92	5.93	138	119	1	33.0-155			15.4	29
tert-Butylbenzene	5.00	ND	6.26	5.25	125	105	1	34.0-153			17.5	28
Carbon tetrachloride	5.00	ND	6.52	5.55	130	111	1	23.0-159			16.1	28

L1691009-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1691009-03 12/27/23 05:10 • (MS) R4017506-4 12/27/23 07:06 • (MSD) R4017506-5 12/27/23 07:29

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chlorobenzene	5.00	ND	6.68	5.93	134	119	1	33.0-152			11.9	27
Chlorodibromomethane	5.00	ND	6.84	6.41	137	128	1	37.0-149			6.49	27
Chloroethane	5.00	ND	ND	ND	55.2	44.0	1	10.0-160			22.6	30
Chloroform	5.00	ND	6.37	5.59	127	112	1	29.0-154			13.0	28
Chloromethane	5.00	ND	4.18	3.73	83.6	74.6	1	10.0-160			11.4	29
2-Chlorotoluene	5.00	ND	6.02	5.20	120	104	1	32.0-153			14.6	28
4-Chlorotoluene	5.00	ND	6.11	5.40	122	108	1	32.0-150			12.3	28
1,2-Dibromo-3-Chloropropane	5.00	ND	6.02	5.32	120	106	1	22.0-151			12.3	34
1,2-Dibromoethane	5.00	ND	6.84	6.42	137	128	1	34.0-147			6.33	27
Dibromomethane	5.00	ND	6.22	5.93	124	119	1	30.0-151			4.77	27
1,2-Dichlorobenzene	5.00	ND	6.97	6.41	139	128	1	34.0-149			8.37	28
1,3-Dichlorobenzene	5.00	ND	6.62	6.06	132	121	1	36.0-146			8.83	27
1,4-Dichlorobenzene	5.00	ND	6.77	6.24	130	120	1	35.0-142			8.15	27
Dichlorodifluoromethane	5.00	ND	5.46	ND	109	94.6	1	10.0-160			14.3	29
1,1-Dichloroethane	5.00	ND	5.61	4.95	112	99.0	1	25.0-158			12.5	27
1,2-Dichloroethane	5.00	ND	6.25	5.87	119	111	1	29.0-151			6.27	27
1,1-Dichloroethene	5.00	ND	6.43	5.32	129	106	1	11.0-160			18.9	29
cis-1,2-Dichloroethene	5.00	ND	6.44	5.77	129	115	1	10.0-160			11.0	27
trans-1,2-Dichloroethene	5.00	ND	5.85	5.30	117	106	1	17.0-153			9.87	27
1,2-Dichloropropane	5.00	1.58	7.57	7.28	120	114	1	30.0-156			3.91	27
1,1-Dichloropropene	5.00	ND	5.76	4.89	115	97.8	1	25.0-158			16.3	27
1,3-Dichloropropane	5.00	ND	6.51	6.08	130	122	1	38.0-147			6.83	27
cis-1,3-Dichloropropene	5.00	ND	5.59	5.10	112	102	1	34.0-149			9.17	28
trans-1,3-Dichloropropene	5.00	ND	5.85	5.50	117	110	1	32.0-149			6.17	28
2,2-Dichloropropane	5.00	ND	6.00	5.02	120	100	1	24.0-152			17.8	29
Di-isopropyl ether	5.00	ND	6.13	5.72	123	114	1	21.0-160			6.92	28
Ethylbenzene	5.00	ND	6.33	5.53	127	111	1	30.0-155			13.5	27
Hexachloro-1,3-butadiene	5.00	ND	7.40	6.81	148	136	1	20.0-154			8.30	34
Isopropylbenzene	5.00	ND	6.73	5.79	132	113	1	28.0-157			15.0	27
p-Isopropyltoluene	5.00	ND	6.60	5.54	132	111	1	30.0-154			17.5	29
2-Butanone (MEK)	25.0	ND	30.2	34.3	121	137	1	10.0-160			12.7	32
Methylene Chloride	5.00	ND	6.03	5.49	121	110	1	23.0-144			9.37	28
4-Methyl-2-pentanone (MIBK)	25.0	ND	29.4	28.4	118	114	1	29.0-160			3.46	29
Methyl tert-butyl ether	5.00	ND	6.19	6.04	124	121	1	28.0-150			2.45	29
Naphthalene	5.00	ND	ND	ND	94.2	81.8	1	12.0-156			14.1	35
n-Propylbenzene	5.00	ND	6.23	5.23	125	105	1	31.0-154			17.5	28
Styrene	5.00	ND	6.17	5.28	123	106	1	33.0-155			15.5	28
1,1,1,2-Tetrachloroethane	5.00	ND	6.94	6.32	139	126	1	36.0-151			9.35	29
1,1,2,2-Tetrachloroethane	5.00	ND	6.60	6.25	132	125	1	33.0-150			5.45	28
Tetrachloroethene	5.00	ND	6.91	5.87	138	117	1	10.0-160			16.3	27

L1691009-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1691009-03 12/27/23 05:10 • (MS) R4017506-4 12/27/23 07:06 • (MSD) R4017506-5 12/27/23 07:29

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Toluene	5.00	ND	6.27	5.35	125	107	1	26.0-154			15.8	28
1,2,3-Trichlorobenzene	5.00	ND	6.36	5.63	127	113	1	17.0-150			12.2	36
1,2,4-Trichlorobenzene	5.00	ND	7.07	6.40	126	112	1	24.0-150			9.95	33
1,1,1-Trichloroethane	5.00	ND	6.44	5.44	129	109	1	23.0-160			16.8	28
1,1,2-Trichloroethane	5.00	ND	6.75	6.24	135	125	1	35.0-147			7.85	27
Trichloroethene	5.00	ND	6.44	5.53	129	111	1	10.0-160			15.2	25
Trichlorofluoromethane	5.00	ND	ND	ND	84.2	68.8	1	17.0-160			20.1	31
1,2,3-Trichloropropane	5.00	ND	6.62	6.14	132	123	1	34.0-151			7.52	29
1,2,4-Trimethylbenzene	5.00	ND	6.25	5.37	125	107	1	26.0-154			15.1	27
1,3,5-Trimethylbenzene	5.00	ND	6.27	5.38	125	108	1	28.0-153			15.3	27
Vinyl chloride	5.00	ND	3.81	3.07	76.2	61.4	1	10.0-160			21.5	27
Xylenes, Total	15.0	ND	19.1	16.5	127	110	1	29.0-154			14.6	28
(S) Toluene-d8					*101*	*101*		*80.0-120*				
(S) 4-Bromofluorobenzene					*102*	*96.9*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*91.3*	*90.5*		*70.0-130*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
O1	The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
S&ME Inc. - Raleigh NC
3201 Spring Forest Road
Raleigh, NC 27616

Billing Information:
Accounts Payable
3201 Spring Forest Rd.
(smeinc_invoice@concursolution

Pres Chk

Report to:
Mr. Jerry Paul

Email To: jpaul@smeinc.com

Project Description: Walltown Park

City/State Collected: Durham, NC

Please Circle: PT MT CT (ET)

Phone: 919-872-2660

Client Project #: 23050630

Lab Project #: SMERLNC-WALLTOWN

Collected by (print): Chelsea Parra

Site/Facility ID #

P.O. #

Collected by (signature): CP

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

Pace — PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # 1689123

Table # A083

Acctnum: **SMERLNC**
Template: **T243420**
Prelogin: **P1043311**
PM: **034 - Craig Cothron**
PB:
Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PBG 2ozClr-NoPres	SPLP/TCLP HOLD 4ozClr-NoPres	TS 4ozClr-NoPres	V8260 40mlAmb-HCl-Blk	V8260 40mlAmb/MeOH10ml/Syr					Remarks	Sample # (lab only)
824-SB-30	C	SS	(0-1)	12/15/23	0950	4	X	X	X		X						-01
824-SB-31	↓	SS	↓	↓	~~0955~~ 1105	4	X	X	X		X						-02
824-SB-33		SS			0955	4	X	X	X		X						-03
824-SB-34		SS			1100	4	X	X	X		X						-04
824-SB-35		SS			1030	4	X	X	X		X						-05
824-SB-36		SS			1020	4	X	X	X		X						-06
824-SB-37		SS			1000	4	X	X	X		X						-07
824-SB-38		SS			1005	4	X	X	X		X						-08
824-SB-39		SS			1040	4	X	X	X		X						-09
824-SB-40	↓	SS	↓	↓	1025	4	X	X	X		X						-10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other________

Remarks: SPLP/TCLP on hold

pH ______ Temp ______
Flow ______ Other ______

Samples returned via: __ UPS __ FedEx __ Courier ________

Tracking # 7155 0298 3570

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: ✓Y __N
RAD Screen <0.5 mR/hr: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: (Yes) / No; (HCL) / MeoH; TBR	
CP	12/15/23	1430		1	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C CEA8 . 1+0=.1 Bottles Received:	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) [signature]	Date: 12-16-23 Time: 9:00	Hold: / Condition: NCF / (OK)

Company Name/Address:
S&ME Inc. - Raleigh NC

3201 Spring Forest Road
Raleigh, NC 27616

Billing Information:
Accounts Payable
3201 Spring Forest Rd.

(smeinc_invoice@concursolution

Report to:
Mr. Jerry Paul

Email To: jpaul@smeinc.com

Project Description:
Walltown Park

City/State Collected: Durham, NC

Please Circle: PT MT CT (FT)

Phone: 919-872-2660

Client Project #
23050630

Lab Project #
SMERLNC-WALLTOWN

Collected by (print):
Chelsea Parra

Site/Facility ID #

P.O. #

Collected by (signature):
CP

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Chain of Custody Page 2 of 2

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # 168923

Table #

Acctnum: SMERLNC
Template: T243420
Prelogin: P1043311
PM: 034 - Craig Cothron
PB:

Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PBG 2ozClr-NoPres	SPLP/TCLP HOLD 4ozClr-NoPres	TS 4ozClr-NoPres	V8260 40mlAmb-HCl-Blk	V8260 40mlAmb/MeOH10ml/Syr	Remarks	Sample # (lab only)
Trip Blank		SS				1	X	X	X	X	X		-01
		SS				4	X	X	X		X		
		SS				4	X	X	X		X		
		SS				4	X	X	X		X		
		SS				4	X	X	X		X		
		SS				4	X	X	X		X		
		SS				4	X	X	X		X		
		SS				4	X	X	X		X		
		SS				4	X	X	X		X		
		SS				4	X	X	X		X		

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 7155 0298 3570

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR	If preservation required by Login: Date/Time
CP	12/15/23	1430		1 B	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
				CC98.140=.1	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: Condition: NCF / OK
			[signature]	12-16-23 9:00	

ANALYTICAL REPORT

January 11, 2024

S&ME Inc. - Raleigh NC

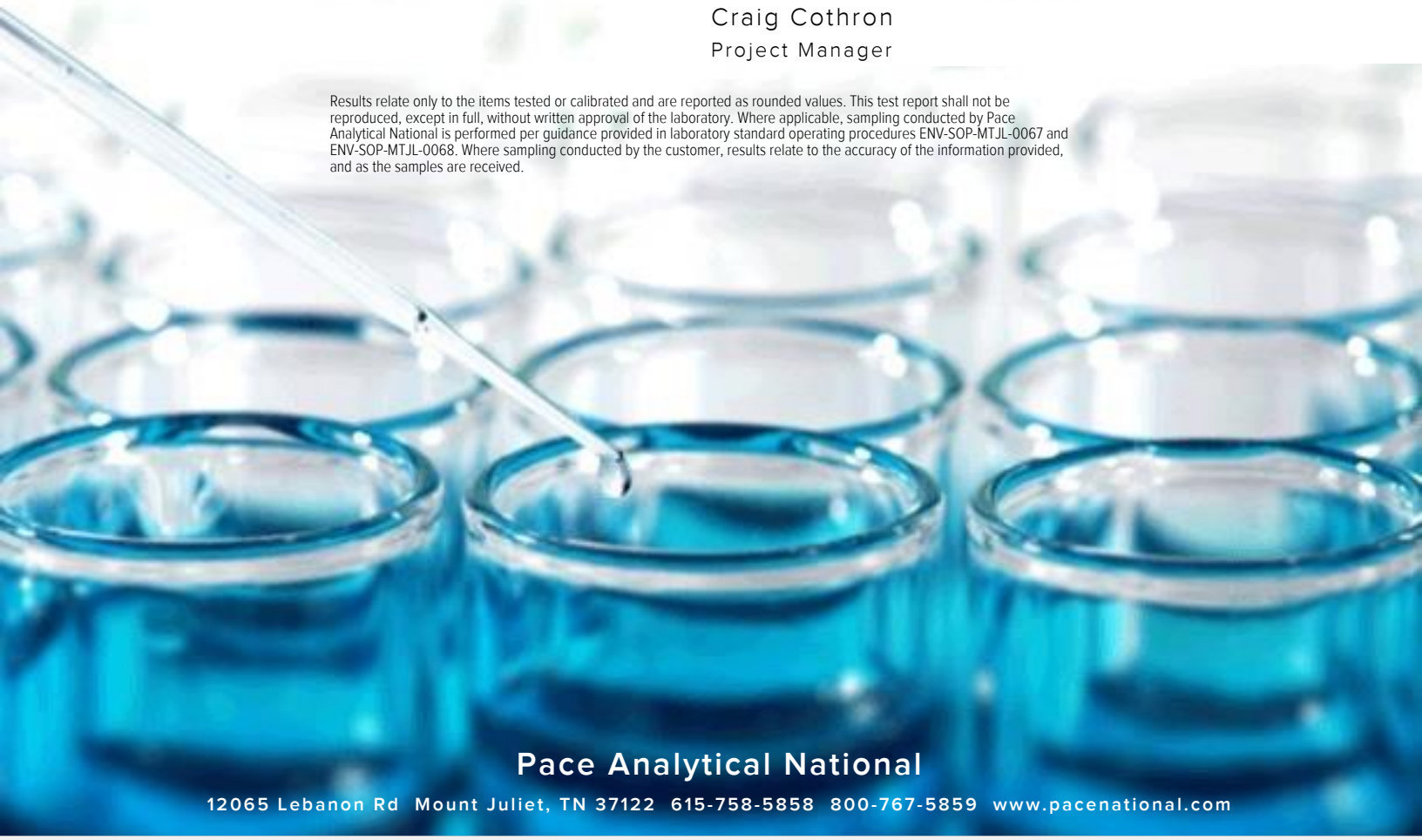
Sample Delivery Group:	L1692999
Samples Received:	12/14/2023
Project Number:	
Description:	Walltown Park

Report To:

Mr. Jerry Paul
3201 Spring Forest Road
Raleigh, NC 27616

Entire Report Reviewed By:

Craig Cothron
Project Manager



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

TABLE OF CONTENTS

SAMPLE SUMMARY

824-SB-18 L1692999-01 Waste

Collected by: Chelsea Parra | Collected date/time: 12/13/23 15:00 | Received date/time: 12/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 1311	WG2201367	1	01/05/24 10:43	01/05/24 10:43	WC	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2202512	1	01/07/24 12:51	01/10/24 11:08	SJM	Mt. Juliet, TN

824-SB-18 L1692999-02 Leachate

Collected by: Chelsea Parra | Collected date/time: 12/13/23 15:00 | Received date/time: 12/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 1312	WG2201364	1	01/05/24 13:53	01/05/24 13:53	BTP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2202645	1	01/07/24 13:48	01/10/24 15:24	SJM	Mt. Juliet, TN

824-SB-20 L1692999-03 Waste

Collected by: Chelsea Parra | Collected date/time: 12/13/23 14:35 | Received date/time: 12/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 1311	WG2201367	1	01/05/24 10:43	01/05/24 10:43	WC	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2202512	1	01/07/24 12:51	01/10/24 11:28	SJM	Mt. Juliet, TN

824-SB-20 L1692999-04 Leachate

Collected by: Chelsea Parra | Collected date/time: 12/13/23 14:35 | Received date/time: 12/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 1312	WG2201364	1	01/05/24 13:53	01/05/24 13:53	BTP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2202645	1	01/07/24 13:48	01/10/24 15:37	SJM	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Craig Cothron
Project Manager

Preparation by Method 1311/1312

Analyte	Result	Qualifier	Prep date / time	Batch
TCLP Extraction	-		1/5/2024 10:43:23 AM	WG2201367
Initial pH	6.10		1/5/2024 10:43:23 AM	WG2201367
Final pH	4.95		1/5/2024 10:43:23 AM	WG2201367

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	RDL mg/l	Limit mg/l	Dilution	Analysis date / time	Batch
Lead	0.828		0.0200		1	01/10/2024 11:08	WG2202512

Preparation by Method 1311/1312

Analyte	Result	Qualifier	Prep date / time	Batch
SPLP Extraction	-		1/5/2024 1:53:02 PM	WG2201364
Final pH	8.08		1/5/2024 1:53:02 PM	WG2201364

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
	ug/l		ug/l			
Lead	239		2.00	1	01/10/2024 15:24	WG2202645

Preparation by Method 1311/1312

Analyte	Result	Qualifier	Prep date / time	Batch
TCLP Extraction	-		1/5/2024 10:43:23 AM	WG2201367
Initial pH	6.37		1/5/2024 10:43:23 AM	WG2201367
Final pH	5.05		1/5/2024 10:43:23 AM	WG2201367

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	RDL mg/l	Limit mg/l	Dilution	Analysis date / time	Batch
Lead	2.33		0.0200		1	01/10/2024 11:28	WG2202512

Preparation by Method 1311/1312

Analyte	Result	Qualifier	Prep date / time	Batch
SPLP Extraction	-		1/5/2024 1:53:02 PM	WG2201364
Final pH	7.73		1/5/2024 1:53:02 PM	WG2201364

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
	ug/l		ug/l			
Lead	577		2.00	1	01/10/2024 15:37	WG2202645

Method Blank (MB)

(MB) R4021672-1 01/10/24 11:01

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Lead	0.00251	J	0.00240	0.0200

Laboratory Control Sample (LCS)

(LCS) R4021672-2 01/10/24 11:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	0.500	0.473	94.6	80.0-120	

L1692999-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1692999-01 01/10/24 11:08 • (MS) R4021672-4 01/10/24 11:14 • (MSD) R4021672-5 01/10/24 11:18

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	0.500	0.828	1.35	1.40	105	115	1	75.0-125			3.72	20

Method Blank (MB)

(MB) R4021793-1 01/10/24 15:01

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Lead	U		0.849	2.00

Laboratory Control Sample (LCS)

(LCS) R4021793-2 01/10/24 15:05

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	50.0	50.1	100	80.0-120	

L1692916-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1692916-04 01/10/24 15:08 • (MS) R4021793-4 01/10/24 15:15 • (MSD) R4021793-5 01/10/24 15:18

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	50.0	151	200	204	98.2	106	1	75.0-125			2.01	20

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
S&ME Inc. - Raleigh NC

3201 Spring Forest Road
Raleigh, NC 27616

Billing Information:
Accounts Payable
3201 Spring Forest Rd.
(smeinc_invoice@concursolution

Pres Chk

Report to:
Mr. Jerry Paul

Email To: **jpaul@smeinc.com**

Project Description:
Walltown Park

City/State Collected: Durham, NC

Please Circle: PT MT CT (ET)

Phone: **919-872-2660**

Client Project #

Lab Project #
SMERLNC-WALLTOWN

Collected by (print):
Chelsea Parra

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PBG 2ozClr-NoPres	SPLP/TCLP HOLD 4ozClr-NoPres	TS 4ozClr-NoPres	V8260 40mlAmb-HCl-Blk	V8260 40mlAmb/MeOH10ml/Syr						Remarks	Sample # (lab only)
824-SB-09	C	SS	(0-1)	12/13/23	1140	4	X	X	X		X							-11
824-SB-10		SS			1145	4	X	X	X		X							-12
~~TRIP BLANK~~ 824-SB-11		GW			1345	~~4~~ 1	X	X	X	~~X~~	X							-13
~~TRIP BLANK~~ 824-SB-12		GW			1350	~~4~~ 1	X	X	X	~~X~~	X							-14
~~TRIP BLANK~~ 824-SB-13		GW			1455	~~4~~ 1	X	X	X	~~X~~	X							-15
824-SB-14		SS			1525	4	X	X	X		X							-16
824-SB-15		SS			~~1405~~ 1420	4	X	X	X		X							-17
824-SB-16		SS			~~1410~~ 1405	4	X	X	X		X						~~01/02~~ TO 1/4	-18
824-SB-17		SS			~~1430~~ 1410	4	X	X	X		X							-19
824-SB-18		~~SS~~ SS			1500	4	X	X	X		X						-01/02 ~~-03/04~~	-20

TO 1/4

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: SPLP/TCLP on hold

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Relinquished by : (Signature) CP	Date: 12/13/23	Time: 1630	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: ~~0.0~~ 0.9 °C Bottles Received:
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Christopher Bellin	Date: 12/14/23 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / (OK)

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: __Y __N

Chain of Custody Page 1 of 2

Pace
PEOPLE ADVANCING SCIENCE
L1692999

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1692999

Table # TD 1/4

Acctnum: **SMERLNC**
Template:**T243420**
Prelogin: **P1043311**
PM: **034 - Craig Cothron**
PB:

Shipped Via: **FedEX Ground**

Company Name/Address:
S&ME Inc. - Raleigh NC
3201 Spring Forest Road
Raleigh, NC 27616

Billing Information:
Accounts Payable
3201 Spring Forest Rd.
(smeinc_invoice@concursolution

Report to: Mr. Jerry Paul
Email To: jpaul@smeinc.com

Project Description: Walltown Park
City/State Collected: Durham, NC
Please Circle: PT MT CT (ET)

Phone: 919-872-2660
Client Project #
Lab Project # SMERLNC-WALLTOWN

Collected by (print): Chrysea Parra
Site/Facility ID #
P.O. #

Collected by (signature): CP
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day
Date Results Needed
Quote #

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 2 of 2

Pace
PEOPLE ADVANCING SCIENCE
L169299
MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1688014
Table # TO 14
Acctnum: SMERLNC
Template: T243420
Prelogin: P1043311
PM: 034 - Craig Cothron
PB:
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PBG 2ozClr-NoPres	SPLP/TCLP HOLD 4ozClr-NoPres	TS 4ozClr-NoPres	V8260 40mlAmb-HCl-Blk	V8260 40mlAmb/MeOH10ml/Syr	Remarks	Sample # (lab only)
S24-SB-19	C	SS	(0-1)	12/13/23	1530	4	X	X	X		X		-21
S24-SB-20	C	SS	↓	↓	1435	4	X	X	X		X		-22
Trip Blank		SS				4	X	X	X	X	X	-03/-04	
		SS				4	X	X	X		X		
		SS				4	X	X	X		X		
		SS				4	X	X	X		X		
		SS				4	X	X	X		X		
		SS				4	X	X	X		X		
		SS				4	X	X	X		X		
		SS				4	X	X	X		X		

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:
pH _____ Temp _____
Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____
Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y __N
Preservation Correct/Checked: ✓Y __N
RAD Screen <0.5 mR/hr: ✓Y __N

Relinquished by : (Signature) CP | Date: 12/13/23 | Time: 1630 | Received by: (Signature)
Relinquished by : (Signature) | Date: | Time: | Received by: (Signature)
Relinquished by : (Signature) | Date: | Time: | Received for lab by: (Signature) Christopher Rollins | Date: 12/14/23 | Time: 0900

Trip Blank Received: Yes / No HCL / MeoH TBR
Temp: DRY °C Bottles Received: .94D
If preservation required by Login: Date/Time
Hold: Condition: NCF / OK

L1692999

SMERLNC L1688014 Relog

R5

Please re-log samples SB-18 (L1688014-18), SB-20 (L1688014-20), SB-24 (L1688014-24) and SB-26 (L1688014-26) for TCLP and SPLP Lead by 6020.

Time estimate: oh **Time spent:** oh

Members

CC Craig Cothron SG Shane Gambill

ANALYTICAL REPORT

January 11, 2024

S&ME Inc. - Raleigh NC

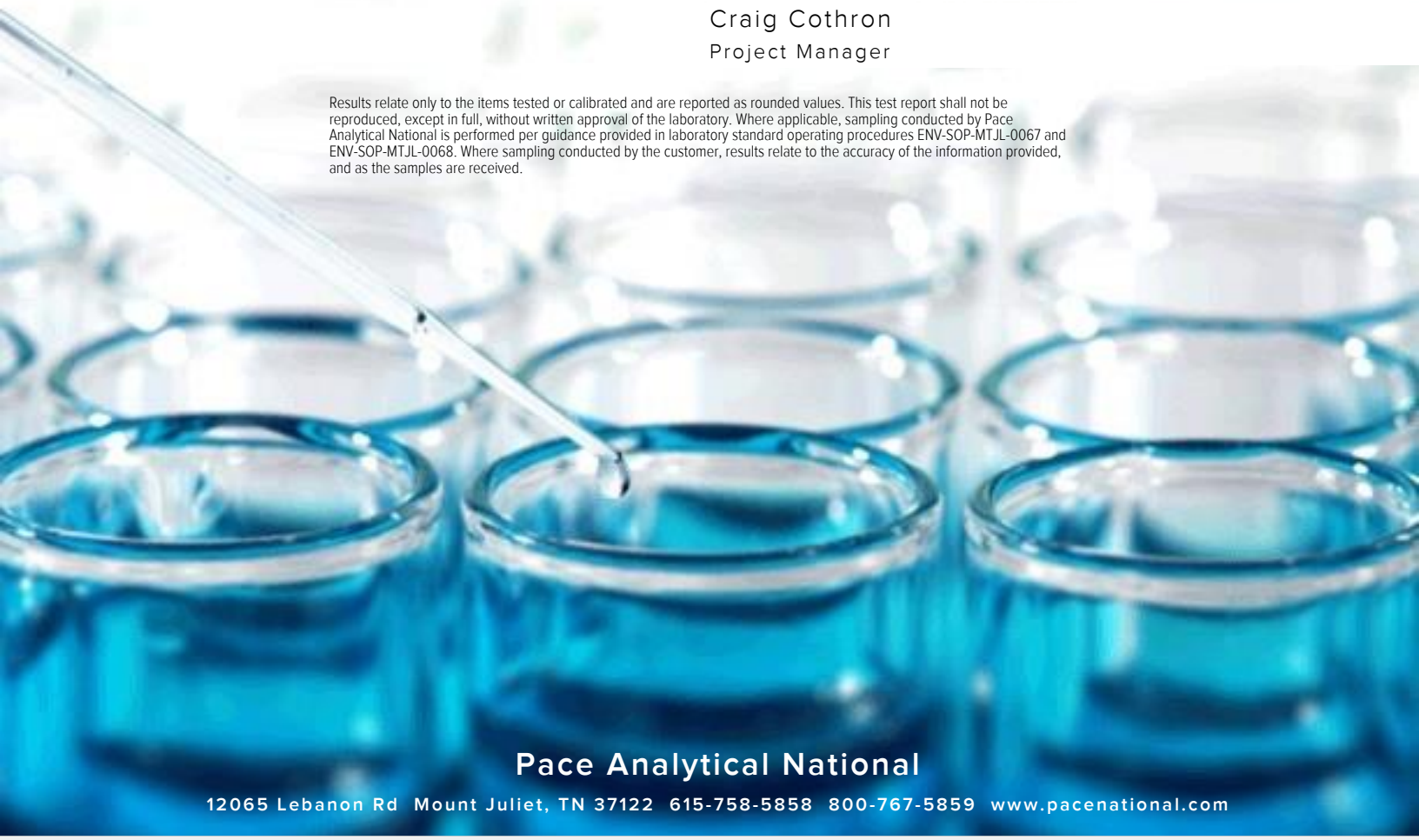
Sample Delivery Group:	L1693101
Samples Received:	12/15/2023
Project Number:	23050630
Description:	Walltown Park

Report To:

Mr. Jerry Paul
3201 Spring Forest Road
Raleigh, NC 27616

Entire Report Reviewed By:

Craig Cothron
Project Manager



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

TABLE OF CONTENTS

SAMPLE SUMMARY

824-SB-24 L1693101-01 Waste

Collected by: Chelsea Parra
Collected date/time: 12/14/23 09:25
Received date/time: 12/15/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 1311	WG2201367	1	01/05/24 10:43	01/05/24 10:43	WC	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2202512	1	01/07/24 12:51	01/10/24 14:55	SJM	Mt. Juliet, TN

824-SB-24 L1693101-02 Leachate

Collected by: Chelsea Parra
Collected date/time: 12/14/23 09:25
Received date/time: 12/15/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 1312	WG2201364	1	01/05/24 13:53	01/05/24 13:53	BTP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2202645	1	01/07/24 13:48	01/10/24 15:40	SJM	Mt. Juliet, TN

824-SB-26 L1693101-03 Waste

Collected by: Chelsea Parra
Collected date/time: 12/14/23 10:00
Received date/time: 12/15/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 1311	WG2201367	1	01/05/24 10:43	01/05/24 10:43	WC	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2202512	1	01/07/24 12:51	01/10/24 14:58	SJM	Mt. Juliet, TN

824-SB-26 L1693101-04 Leachate

Collected by: Chelsea Parra
Collected date/time: 12/14/23 10:00
Received date/time: 12/15/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 1312	WG2201364	1	01/05/24 13:53	01/05/24 13:53	BTP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2202645	1	01/07/24 13:48	01/10/24 15:43	SJM	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Craig Cothron
Project Manager

Preparation by Method 1311/1312

Analyte	Result	Qualifier	Prep date / time	Batch
TCLP Extraction	-		1/5/2024 10:43:23 AM	WG2201367
Initial pH	7.07		1/5/2024 10:43:23 AM	WG2201367
Final pH	4.95		1/5/2024 10:43:23 AM	WG2201367

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	RDL mg/l	Limit mg/l	Dilution	Analysis date / time	Batch
Lead	0.184		0.0200		1	01/10/2024 14:55	WG2202512

Preparation by Method 1311/1312

Analyte	Result	Qualifier	Prep date / time	Batch
SPLP Extraction	-		1/5/2024 1:53:02 PM	WG2201364
Final pH	7.18		1/5/2024 1:53:02 PM	WG2201364

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
	ug/l		ug/l			
Lead	740		2.00	1	01/10/2024 15:40	WG2202645

Preparation by Method 1311/1312

Analyte	Result	Qualifier	Prep date / time	Batch
TCLP Extraction	-		1/5/2024 10:43:23 AM	WG2201367
Initial pH	6.98		1/5/2024 10:43:23 AM	WG2201367
Final pH	4.98		1/5/2024 10:43:23 AM	WG2201367

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	RDL mg/l	Limit mg/l	Dilution	Analysis date / time	Batch
Lead	0.501		0.0200		1	01/10/2024 14:58	WG2202512

Preparation by Method 1311/1312

Analyte	Result	Qualifier	Prep date / time	Batch
SPLP Extraction	-		1/5/2024 1:53:02 PM	WG2201364
Final pH	6.59		1/5/2024 1:53:02 PM	WG2201364

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
	ug/l		ug/l			
Lead	434		2.00	1	01/10/2024 15:43	WG2202645

Method Blank (MB)

(MB) R4021672-1 01/10/24 11:01

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Lead	0.00251	J	0.00240	0.0200

Laboratory Control Sample (LCS)

(LCS) R4021672-2 01/10/24 11:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	0.500	0.473	94.6	80.0-120	

L1692999-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1692999-01 01/10/24 11:08 • (MS) R4021672-4 01/10/24 11:14 • (MSD) R4021672-5 01/10/24 11:18

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	0.500	0.828	1.35	1.40	105	115	1	75.0-125			3.72	20

Method Blank (MB)

(MB) R4021793-1 01/10/24 15:01

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Lead	U		0.849	2.00

Laboratory Control Sample (LCS)

(LCS) R4021793-2 01/10/24 15:05

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	50.0	50.1	100	80.0-120	

L1692916-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1692916-04 01/10/24 15:08 • (MS) R4021793-4 01/10/24 15:15 • (MSD) R4021793-5 01/10/24 15:18

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	50.0	151	200	204	98.2	106	1	75.0-125			2.01	20

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
S&ME Inc. - Raleigh NC

3201 Spring Forest Road
Raleigh, NC 27616

Billing Information:
Accounts Payable
3201 Spring Forest Rd.

(smeinc_invoice@concursolution

Report to: **Mr. Jerry Paul**

Email To: **jpaul@smeinc.com**

Project Description: **Walltown Park**

City/State Collected: Durham, NC

Please Circle: PT MT CT (ET)

Phone: **919-872-2660**

Client Project # 23050630

Lab Project # **SMERLNC-WALLTOWN**

Collected by (print): Chelsea Parra

Site/Facility ID #

P.O. #

Collected by (signature): CP

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Quote #

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # ~~L1689093~~ H250 L1693101

Acctnum: SMERLNC

Template: T243420

Prelogin: P1043311

PM: 034 - Craig Cothron

PB:

Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PBG 2ozClr-NoPres	SPLP/TCLP HOLD 4ozClr-NoPres	TS 4ozClr-NoPres	V8260 40mlAmb-HCl-Blk	V8260 40mlAmb/MeOH10ml/Syr					Remarks	Sample # (lab only)
824-SB-21	C	SS	(0-1)	12/14/23	0910	4	X	X	X		X						- 01
824-SB-22		SS			0950	4	X	X	X		X						- 02
824-SB-23		SS			0935	4	X	X	X		X						- 03
824-SB-24		SS			0925	4	X	X	X		X						- 04
824-SB-25		SS			0915	4	X	X	X		X						- 05
824-SB-26		SS			1000	4	X	X	X		X						- 06
824-SB-27		SS			1015	4	X	X	X		X						- 07
824-SB-28		SS			1425	4	X	X	X		X						- 08
824-SB-29		SS			1435	4	X	X	X		X						- 09
824-SB-32		SS			1445	4	X	X	X		X						- 10
		GW				1				X							-11

AV 1/4/24

-01/02

03/04

* Matrix: Trip Blank
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: SPLP/TCLP on hold

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 715502983000

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeOH TBR	If preservation required by Login: Date/Time
CP	12/14/23	1530			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: MS 1.8 °C 0.2 to -0.2 Bottles Received: 40	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) (14)	Date: 12/15/23 Time: 900	Hold: Condition: NCF / (OK)

SMERLNC L1689093 Relog

R5

Please re-log samples SB-24 (L1689093-04) and SB-26 (L1689093-06) for TCLP and SPLP Lead by 6020.

Time estimate: oh **Time spent:** oh

Members

CC Craig Cothron SG Shane Gambill

Appendix IV – NCDEQ Risk Calculator Outputs

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	February 2024
Basis:	November 2023 EPA RSL Table
Site Name:	Walltown Park
Site Address:	1307 W. Club Boulevard Durham NC
DEQ Section:	NONCD0000825
Site ID:	S&ME Project No. 23050630
Exposure Unit ID:	825 - Only VOC detections were input into the Risk Calculator
Submittal Date:	2/22/2024
Prepared By:	Connor Hicks
Reviewed By:	Gerald Paul

Complete Exposure Pathways	Input Form 1A

Version Date: February 2024
Basis: November 2023 EPA RSL Table
Site ID: S&ME Project No. 23050630

Exposure Unit ID: 825 - Only VOC detections were input into the Risk Calculator

Note: Risk output will only be calculated for complete exposure pathways.

Receptor	Pathway	Check box if pathway complete
DIRECT CONTACT SOIL AND WATER PATHWAYS		
Resident	Soil	☑
	Groundwater Use	☐
Non-Residential Worker	Soil	☑
	Groundwater Use	☐
Construction Worker	Soil	☑
Recreator/Trespasser	Soil	☑
	Surface Water	☐
VAPOR INTRUSION PATHWAYS		
Resident	Groundwater to Indoor Air	☐
	Soil Gas to Indoor Air	☐
	Indoor Air	☐
Non-Residential Worker	Groundwater to Indoor Air	☐
	Soil Gas to Indoor Air	☐
	Indoor Air	☐
CONTAMINANT MIGRATION PATHWAYS		
Groundwater	Source Soil	☐
	Source Groundwater	☐
Surface Water	Source Soil	☐
	Source Groundwater	☐

Exposure Point Concentrations **Input Form 2A**

Version Date: February 2024

Basis: November 2023 EPA RSL Table

Site ID: S&ME Project No. 23050630

Exposure Unit ID: 825 - Only VOC detections were input into the Risk Calculator

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Only VOC detections were input into the Risk Calculator

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical **For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu**	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.257		67-64-1	Acetone			mg/kg	825-SB-37									
0.0079		71-43-2	Benzene			mg/kg	835-SB-37									
0.00793		98-06-6	Butylbenzene, tert-			mg/kg	825-SB-25									
0.0143		100-41-4	Ethylbenzene			mg/kg	825-SB-25									
1290		7439-92-1	~Lead and Compounds			mg/kg	825-SB-20									
0.433		91-20-3	~Naphthalene			mg/kg	825-SB-33									
0.0482		108-88-3	Toluene			mg/kg	825-SB-25									
0.0479		95-63-6	Trimethylbenzene, 1,2,4-			mg/kg	825-SB-25									
0.0131		108-67-8	Trimethylbenzene, 1,3,5-			mg/kg	825-SB-25									
0.188		1330-20-7	Xylenes			mg/kg	825-SB-25									

Risk for Individual Pathways **Output Form 1A**

Version Date: February 2024

Basis: November 2023 EPA RSL Table

Site ID: S&ME Project No. 23050630

Exposure Unit ID: 825 - Only VOC detections were input into the Risk Calculator

DIRECT CONTACT SOIL AND WATER CALCULATORS				
Receptor	**Pathway**	**Carcinogenic Risk**	**Hazard Index**	**Risk exceeded?**
Resident	Soil	2.2E-07	3.8E-03	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	5.1E-08	8.2E-04	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS				
Receptor	**Pathway**	**Carcinogenic Risk**	**Hazard Index**	**Risk exceeded?**
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS			
Pathway	**Source**	**Target Receptor Concentrations Exceeded?**	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, user did not check this pathway as complete.
4. NC = Pathway not calculated, required contaminant migration parameters were not entered.

Sitewide Risk **Output Form 1B**

Version Date: February 2024 NOTE: If any changes were made, select "Update Sitewide Risk Values" to obtain updated values.

Basis: November 2023 EPA RSL Table

Site ID: S&ME Project No. 23050630

Exposure Unit ID: 825 - Only VOC detections were input into the Risk Calculator

		Resident - Current Scenario			Resident - Future Scenario			Non-Residential Worker - Current Scenario			Non-Residential Worker - Future Scenario			Construction Worker			Recreator/Trespasser		
Receptor	**Pathway**	**Check box to include in site-wide risk calculations**	**Carcinogenic Risk**	**Hazard Index**	**Check box to include in site-wide risk calculations**	**Carcinogenic Risk**	**Hazard Index**	**Check box to include in site-wide risk calculations**	**Carcinogenic Risk**	**Hazard Index**	**Check box to include in site-wide risk calculations**	**Carcinogenic Risk**	**Hazard Index**	**Check box to include in site-wide risk calculations**	**Carcinogenic Risk**	**Hazard Index**	**Check box to include in site-wide risk calculations**	**Carcinogenic Risk**	**Hazard Index**
DIRECT CONTACT SOIL AND WATER CALCULATORS																			
Resident	Soil	☑	2.2E-07	3.8E-03	☑	2.2E-07	3.8E-03												
	Groundwater Use*	☐	NM	NM	☐	NM	NM												
Non-Residential Worker	Soil							☑	5.1E-08	8.2E-04	☑	5.1E-08	8.2E-04						
	Groundwater Use*							☐	NM	NM	☐	NM	NM						
Construction Worker	Soil													☑	8.0E-09	3.5E-03			
Recreator/Trespasser	Soil																☑	6.3E-08	4.3E-04
	Surface Water Use*																☐	NM	NM
VAPOR INTRUSION CALCULATORS																			
Resident	Groundwater to Indoor Air	☐	NM	NM	☐	NM	NM												
	Soil Gas to Indoor Air	☐	NM	NM	☐	NM	NM												
	Indoor Air	☐	NM	NM	☐	NM	NM												
Non-Residential Worker	Groundwater to Indoor Air							☐	NM	NM	☐	NM	NM						
	Soil Gas to Indoor Air							☐	NM	NM	☐	NM	NM						
	Indoor Air							☐	NM	NM	☐	NM	NM						
TOTAL SITEWIDE RISK FOR EACH RECEPTOR			2.2E-07	3.8E-03		2.2E-07	3.8E-03		5.1E-08	8.2E-04		5.1E-08	8.2E-04		8.0E-09	3.5E-03		6.3E-08	4.3E-04

Notes:
1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.
2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not Modeled
4. NC = Pathway not calculated

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: February 2024

Basis: November 2023 EPA RSL Table

Site ID: S&ME Project No. 23050630

Exposure Unit ID: 825 - Only VOC detections were input into the Risk Calculator

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg, which is used below for comparison to be conservative.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.257	0.257	0.257					3.7E-06			3.7E-06
71-43-2	Benzene	0.0079	0.0079	0.0079	6.2E-10		5.8E-09	6.5E-09	2.5E-05		6.7E-05	9.2E-05
98-06-6	Butylbenzene, tert-	0.00793	0.00793	0.00793					1.0E-06			1.0E-06
100-41-4	Ethylbenzene	0.0143	0.0143	0.0143	2.3E-10		2.1E-09	2.3E-09	3.7E-06		2.3E-06	5.9E-06
7439-92-1	~Lead and Compounds	1290	1290	1290					**>SL****	**>SL****	**>SL****	
91-20-3	~Naphthalene	0.433	0.433	0.433	7.5E-08	2.7E-08	1.1E-07	2.1E-07	2.8E-04	8.5E-05	2.8E-03	3.2E-03
108-88-3	Toluene	0.0482	0.0482	0.0482					7.7E-06		2.0E-06	9.7E-06
95-63-6	Trimethylbenzene, 1,2,4-	0.0479	0.0479	0.0479					6.1E-05		9.1E-05	1.5E-04
108-67-8	Trimethylbenzene, 1,3,5-	0.0131	0.0131	0.0131					1.7E-05		3.0E-05	4.6E-05
1330-20-7	Xylenes	0.188	0.188	0.188					1.2E-05		3.0E-04	3.1E-04
						Cumulative:		2.2E-07				3.8E-03

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: February 2024

Basis: November 2023 EPA RSL Table

Site ID: S&ME Project No. 23050630

Exposure Unit ID: 825 - Only VOC detections were input into the Risk Calculator

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.257	0.257	0.257					2.4E-07			2.4E-07
71-43-2	Benzene	0.0079	0.0079	0.0079	1.3E-10		1.3E-09	1.5E-09	1.7E-06		1.6E-05	1.8E-05
98-06-6	Butylbenzene, tert-	0.00793	0.00793	0.00793					6.8E-08			6.8E-08
100-41-4	Ethylbenzene	0.0143	0.0143	0.0143	4.8E-11		4.8E-10	5.3E-10	2.4E-07		5.4E-07	7.9E-07
7439-92-1	~Lead and Compounds	1290	1290	1290					**>SL****	**>SL****	**>SL****	
91-20-3	~Naphthalene	0.433	0.433	0.433	1.6E-08	8.7E-09	2.4E-08	4.9E-08	1.9E-05	1.0E-05	6.7E-04	7.0E-04
108-88-3	Toluene	0.0482	0.0482	0.0482					5.2E-07		4.8E-07	1.0E-06
95-63-6	Trimethylbenzene, 1,2,4-	0.0479	0.0479	0.0479					4.1E-06		2.2E-05	2.6E-05
108-67-8	Trimethylbenzene, 1,3,5-	0.0131	0.0131	0.0131					1.1E-06		7.1E-06	8.2E-06
1330-20-7	Xylenes	0.188	0.188	0.188					8.0E-07		7.0E-05	7.1E-05
						Cumulative:		5.1E-08				8.2E-04

DEQ Risk Calculator - Direct Contact - Construction Worker Soil **Output Form 2E**

Version Date: February 2024

Basis: November 2023 EPA RSL Table

Site ID: S&ME Project No. 23050630

Exposure Unit ID: 825 - Only VOC detections were input into the Risk Calculator

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.257	0.257	0.257					1.3E-06			1.3E-06
71-43-2	Benzene	0.0079	0.0079	0.0079	1.8E-11		2.5E-10	2.7E-10	2.3E-06		3.0E-05	3.2E-05
98-06-6	Butylbenzene, tert-	0.00793	0.00793	0.00793					2.3E-07			2.3E-07
100-41-4	Ethylbenzene	0.0143	0.0143	0.0143	6.3E-12		9.2E-11	9.8E-11	8.4E-07		3.0E-07	1.1E-06
7439-92-1	~Lead and Compounds	1290	1290	1290					**>SL****	**>SL****	**>SL****	
91-20-3	~Naphthalene	0.433	0.433	0.433	2.1E-09	8.7E-10	4.7E-09	7.6E-09	2.1E-06	8.9E-07	3.3E-03	3.3E-03
108-88-3	Toluene	0.0482	0.0482	0.0482					1.8E-07		2.4E-06	2.6E-06
95-63-6	Trimethylbenzene, 1,2,4-	0.0479	0.0479	0.0479					3.5E-06		3.2E-05	3.6E-05
108-67-8	Trimethylbenzene, 1,3,5-	0.0131	0.0131	0.0131					9.6E-07		1.1E-05	1.1E-05
1330-20-7	Xylenes	0.188	0.188	0.188					1.4E-06		8.7E-05	8.8E-05
						Cumulative:		8.0E-09				3.5E-03

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: February 2024

Basis: November 2023 EPA RSL Table

Site ID: S&ME Project No. 23050630

Exposure Unit ID: 825 - Only VOC detections were input into the Risk Calculator

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg, which is used below for comparison to be conservative.*

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.257	0.257	0.257					2.0E-06			2.0E-06
71-43-2	Benzene	0.0079	0.0079	0.0079	3.5E-10		2.7E-10	6.2E-10	1.4E-05		3.1E-06	1.7E-05
98-06-6	Butylbenzene, tert-	0.00793	0.00793	0.00793					5.6E-07			5.6E-07
100-41-4	Ethylbenzene	0.0143	0.0143	0.0143	1.3E-10		9.8E-11	2.2E-10	2.0E-06		1.1E-07	2.1E-06
7439-92-1	~Lead and Compounds	1290	1290	1290					**>SL****	**>SL****	**>SL****	
91-20-3	~Naphthalene	0.433	0.433	0.433	4.2E-08	1.5E-08	4.9E-09	6.2E-08	1.5E-04	4.8E-05	1.3E-04	3.3E-04
108-88-3	Toluene	0.0482	0.0482	0.0482					4.3E-06		9.4E-08	4.4E-06
95-63-6	Trimethylbenzene, 1,2,4-	0.0479	0.0479	0.0479					3.4E-05		4.2E-06	3.8E-05
108-67-8	Trimethylbenzene, 1,3,5-	0.0131	0.0131	0.0131					9.3E-06		1.4E-06	1.1E-05
1330-20-7	Xylenes	0.188	0.188	0.188					6.7E-06		1.4E-05	2.0E-05
						Cumulative:		6.3E-08				4.3E-04