

May 13, 2024

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

## PO&G Resources - Houston, TX

Sample Delivery Group: L1730958

Samples Received: 04/30/2024

Project Number:

Description: LOWE 1-B SWD

Report To: Rick Eggleston  
5487 San Felipe Ste 3200  
Houston, TX 77057

Entire Report Reviewed By:



Mark W. Beasley  
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 [mydata.pacelabs.com](https://mydata.pacelabs.com)

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

# SAMPLE SUMMARY

## BG-2 L1730958-01 Solid

Collected by  
Rick E

Collected date/time  
04/23/24 12:56

Received date/time  
04/30/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2279134	1	05/06/24 17:48	05/06/24 17:48	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2277739	1	05/01/24 13:10	05/06/24 07:13	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2278322	1	05/01/24 15:51	05/01/24 23:10	KRB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2277883	1	05/01/24 08:37	05/02/24 19:00	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2279138	1	05/07/24 06:49	05/07/24 12:53	DJS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2278251	5	05/01/24 22:40	05/06/24 02:34	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2280062	1	05/01/24 23:23	05/04/24 09:12	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2279358	1	05/01/24 23:23	05/03/24 10:31	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2280705	1	05/06/24 08:46	05/06/24 19:31	KKS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2280473	1	05/06/24 08:06	05/06/24 22:30	JCH	Mt. Juliet, TN



## BG-4 L1730958-02 Solid

Collected by  
Rick E

Collected date/time  
04/23/24 12:57

Received date/time  
04/30/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2279134	1	05/06/24 17:51	05/06/24 17:51	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2277739	1	05/01/24 13:10	05/06/24 07:19	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2278322	1	05/01/24 15:51	05/01/24 23:10	KRB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2277883	1	05/01/24 08:37	05/02/24 19:00	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2279138	1	05/07/24 06:49	05/07/24 12:56	DJS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2278251	5	05/01/24 22:40	05/06/24 02:38	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2280062	1.01	05/01/24 23:23	05/04/24 09:35	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2279358	1	05/01/24 23:23	05/03/24 10:50	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2280705	1	05/06/24 08:46	05/06/24 19:44	KKS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2280473	1	05/06/24 08:06	05/06/24 22:47	JCH	Mt. Juliet, TN

## FL90-4 L1730958-03 Solid

Collected by  
Rick E

Collected date/time  
04/23/24 12:48

Received date/time  
04/30/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2279144	1	05/06/24 23:08	05/06/24 23:08	DJS	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2277739	1	05/01/24 13:10	05/06/24 07:32	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2278322	1	05/01/24 15:51	05/01/24 23:10	KRB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2277883	1	05/01/24 08:37	05/02/24 19:00	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2279138	1	05/07/24 06:49	05/07/24 12:59	DJS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2278251	5	05/01/24 22:40	05/06/24 02:41	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2280062	1	05/01/24 23:23	05/04/24 09:58	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2279358	1	05/01/24 23:23	05/03/24 11:09	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2280705	1	05/06/24 08:46	05/06/24 19:57	KKS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2280473	1	05/06/24 08:06	05/06/24 23:05	JCH	Mt. Juliet, TN

## WH-2 L1730958-04 Solid

Collected by  
Rick E

Collected date/time  
04/23/24 12:50

Received date/time  
04/30/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2279146	1	05/08/24 14:40	05/08/24 14:40	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2277739	1	05/01/24 13:10	05/06/24 07:38	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2277850	1	05/01/24 08:24	05/01/24 18:40	KRB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2277883	1	05/01/24 08:37	05/02/24 19:00	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2279138	1	05/07/24 06:49	05/07/24 13:01	DJS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2278251	5	05/01/24 22:40	05/06/24 02:44	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2280062	1	05/01/24 23:23	05/04/24 10:22	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2279358	1.01	05/01/24 23:23	05/03/24 11:28	JBE	Mt. Juliet, TN

# SAMPLE SUMMARY

## WH-2 L1730958-04 Solid

Collected by  
Rick E

Collected date/time  
04/23/24 12:50

Received date/time  
04/30/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2280705	1	05/06/24 08:46	05/06/24 21:55	KKS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2280473	1	05/06/24 08:06	05/06/24 23:22	JCH	Mt. Juliet, TN

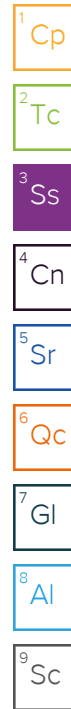
## WH-4 L1730958-05 Solid

Collected by  
Rick E

Collected date/time  
04/23/24 12:52

Received date/time  
04/30/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2279146	1	05/08/24 14:44	05/08/24 14:44	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2277739	1	05/01/24 13:10	05/06/24 07:56	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2277850	1	05/01/24 08:24	05/01/24 18:40	KRB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2277883	1	05/01/24 08:37	05/02/24 19:00	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2281757	1	05/10/24 10:31	05/12/24 08:17	DJS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2278251	5	05/01/24 22:40	05/06/24 02:47	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2280062	1.01	05/01/24 23:23	05/04/24 11:09	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2279358	1.01	05/01/24 23:23	05/03/24 11:47	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2280705	1	05/06/24 08:46	05/06/24 22:08	KKS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2280473	1	05/06/24 08:06	05/06/24 23:40	JCH	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.



Mark W. Beasley  
Project Manager



Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	1.01		1	05/06/2024 17:48	WG2279134

1  
Cp

2  
Tc

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		1.00	1	05/06/2024 07:13	<a href="#">WG2277739</a>

3  
Ss

4  
Cn

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.16	<a href="#">T8</a>	1	05/01/2024 23:10	<a href="#">WG2278322</a>

5  
Sr

6  
Qc

Sample Narrative:

L1730958-01 WG2278322: 8.16 at 20.8C

7  
Gl

Wet Chemistry by Method 9050AMod

Analyte	Result umhos/cm	Qualifier	RDL umhos/cm	Dilution	Analysis date / time	Batch
Specific Conductance	327		10.0	1	05/02/2024 19:00	<a href="#">WG2277883</a>

8  
Al

9  
Sc

Sample Narrative:

L1730958-01 WG2277883: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.435		0.200	1	05/07/2024 12:53	<a href="#">WG2279138</a>

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.83		1.00	5	05/06/2024 02:34	<a href="#">WG2278251</a>
Barium	186		2.50	5	05/06/2024 02:34	<a href="#">WG2278251</a>
Cadmium	ND		1.00	5	05/06/2024 02:34	<a href="#">WG2278251</a>
Copper	10.8		5.00	5	05/06/2024 02:34	<a href="#">WG2278251</a>
Lead	11.3		2.00	5	05/06/2024 02:34	<a href="#">WG2278251</a>
Nickel	12.2		2.50	5	05/06/2024 02:34	<a href="#">WG2278251</a>
Selenium	ND		2.50	5	05/06/2024 02:34	<a href="#">WG2278251</a>
Silver	ND		0.500	5	05/06/2024 02:34	<a href="#">WG2278251</a>
Zinc	39.2		25.0	5	05/06/2024 02:34	<a href="#">WG2278251</a>

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		0.100	1	05/04/2024 09:12	<a href="#">WG2280062</a>
(S) a,a,a-Trifluorotoluene(FID)	89.9		77.0-120		05/04/2024 09:12	<a href="#">WG2280062</a>

## Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Acrylonitrile	ND		0.0125	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Benzene	ND		0.00100	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Bromobenzene	ND		0.0125	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Bromodichloromethane	ND		0.00250	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Bromoform	ND		0.0250	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Bromomethane	ND		0.0125	1	05/03/2024 10:31	<a href="#">WG2279358</a>
n-Butylbenzene	ND		0.0125	1	05/03/2024 10:31	<a href="#">WG2279358</a>
sec-Butylbenzene	ND		0.0125	1	05/03/2024 10:31	<a href="#">WG2279358</a>
tert-Butylbenzene	ND		0.00500	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Carbon tetrachloride	ND		0.00500	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Chlorobenzene	ND		0.00250	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Chlorodibromomethane	ND		0.00250	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Chloroethane	ND		0.00500	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Chloroform	ND		0.00250	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Chloromethane	ND		0.0125	1	05/03/2024 10:31	<a href="#">WG2279358</a>
2-Chlorotoluene	ND		0.00250	1	05/03/2024 10:31	<a href="#">WG2279358</a>
4-Chlorotoluene	ND		0.00500	1	05/03/2024 10:31	<a href="#">WG2279358</a>
1,2-Dibromo-3-Chloropropane	ND		0.0250	1	05/03/2024 10:31	<a href="#">WG2279358</a>
1,2-Dibromoethane	ND		0.00250	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Dibromomethane	ND		0.00500	1	05/03/2024 10:31	<a href="#">WG2279358</a>
1,2-Dichlorobenzene	ND		0.00500	1	05/03/2024 10:31	<a href="#">WG2279358</a>
1,3-Dichlorobenzene	ND		0.00500	1	05/03/2024 10:31	<a href="#">WG2279358</a>
1,4-Dichlorobenzene	ND		0.00500	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Dichlorodifluoromethane	ND		0.00500	1	05/03/2024 10:31	<a href="#">WG2279358</a>
1,1-Dichloroethane	ND		0.00250	1	05/03/2024 10:31	<a href="#">WG2279358</a>
1,2-Dichloroethane	ND		0.00250	1	05/03/2024 10:31	<a href="#">WG2279358</a>
1,1-Dichloroethene	ND		0.00250	1	05/03/2024 10:31	<a href="#">WG2279358</a>
cis-1,2-Dichloroethene	ND		0.00250	1	05/03/2024 10:31	<a href="#">WG2279358</a>
trans-1,2-Dichloroethene	ND		0.00500	1	05/03/2024 10:31	<a href="#">WG2279358</a>
1,2-Dichloropropane	ND		0.00500	1	05/03/2024 10:31	<a href="#">WG2279358</a>
1,1-Dichloropropene	ND		0.00250	1	05/03/2024 10:31	<a href="#">WG2279358</a>
1,3-Dichloropropane	ND		0.00500	1	05/03/2024 10:31	<a href="#">WG2279358</a>
cis-1,3-Dichloropropene	ND		0.00250	1	05/03/2024 10:31	<a href="#">WG2279358</a>
trans-1,3-Dichloropropene	ND		0.00500	1	05/03/2024 10:31	<a href="#">WG2279358</a>
2,2-Dichloropropane	ND		0.00250	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Di-isopropyl ether	ND		0.00100	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Ethylbenzene	ND		0.00250	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Hexachloro-1,3-butadiene	ND		0.0250	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Isopropylbenzene	ND		0.00250	1	05/03/2024 10:31	<a href="#">WG2279358</a>
p-Isopropyltoluene	ND		0.00500	1	05/03/2024 10:31	<a href="#">WG2279358</a>
2-Butanone (MEK)	ND		0.100	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Methylene Chloride	0.0351		0.0250	1	05/03/2024 10:31	<a href="#">WG2279358</a>
4-Methyl-2-pentanone (MIBK)	ND		0.0250	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Methyl tert-butyl ether	ND		0.00100	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Naphthalene	ND		0.0125	1	05/03/2024 10:31	<a href="#">WG2279358</a>
n-Propylbenzene	ND		0.00500	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Styrene	ND		0.0125	1	05/03/2024 10:31	<a href="#">WG2279358</a>
1,1,1,2-Tetrachloroethane	ND		0.00250	1	05/03/2024 10:31	<a href="#">WG2279358</a>
1,1,2,2-Tetrachloroethane	ND		0.00250	1	05/03/2024 10:31	<a href="#">WG2279358</a>
1,1,2-Trichlorotrifluoroethane	ND		0.00250	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Tetrachloroethene	ND		0.00250	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Toluene	ND		0.00500	1	05/03/2024 10:31	<a href="#">WG2279358</a>
1,2,3-Trichlorobenzene	ND		0.0125	1	05/03/2024 10:31	<a href="#">WG2279358</a>
1,2,4-Trichlorobenzene	ND		0.0125	1	05/03/2024 10:31	<a href="#">WG2279358</a>
1,1,1-Trichloroethane	ND		0.00250	1	05/03/2024 10:31	<a href="#">WG2279358</a>

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 8260B

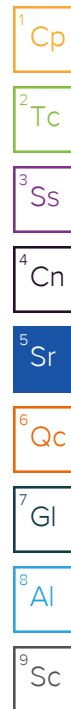
Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	ND		0.00250	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Trichloroethene	ND		0.00100	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Trichlorofluoromethane	ND		0.00250	1	05/03/2024 10:31	<a href="#">WG2279358</a>
1,2,3-Trichloropropane	ND		0.0125	1	05/03/2024 10:31	<a href="#">WG2279358</a>
1,2,4-Trimethylbenzene	ND		0.00500	1	05/03/2024 10:31	<a href="#">WG2279358</a>
1,2,3-Trimethylbenzene	ND		0.00500	1	05/03/2024 10:31	<a href="#">WG2279358</a>
1,3,5-Trimethylbenzene	ND		0.00500	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Vinyl chloride	ND		0.00250	1	05/03/2024 10:31	<a href="#">WG2279358</a>
Xylenes, Total	ND		0.00650	1	05/03/2024 10:31	<a href="#">WG2279358</a>
(S) Toluene-d8	103		75.0-131		05/03/2024 10:31	<a href="#">WG2279358</a>
(S) 4-Bromofluorobenzene	98.9		67.0-138		05/03/2024 10:31	<a href="#">WG2279358</a>
(S) 1,2-Dichloroethane-d4	94.4		70.0-130		05/03/2024 10:31	<a href="#">WG2279358</a>

## Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	05/06/2024 19:31	<a href="#">WG2280705</a>
C28-C36 Motor Oil Range	ND		4.00	1	05/06/2024 19:31	<a href="#">WG2280705</a>
(S) o-Terphenyl	45.8		18.0-148		05/06/2024 19:31	<a href="#">WG2280705</a>

## Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	05/06/2024 22:30	<a href="#">WG2280473</a>
Acenaphthene	ND		0.00600	1	05/06/2024 22:30	<a href="#">WG2280473</a>
Acenaphthylene	ND		0.00600	1	05/06/2024 22:30	<a href="#">WG2280473</a>
Benzo(a)anthracene	ND		0.00600	1	05/06/2024 22:30	<a href="#">WG2280473</a>
Benzo(a)pyrene	ND		0.00600	1	05/06/2024 22:30	<a href="#">WG2280473</a>
Benzo(b)fluoranthene	ND		0.00600	1	05/06/2024 22:30	<a href="#">WG2280473</a>
Benzo(g,h,i)perylene	ND		0.00600	1	05/06/2024 22:30	<a href="#">WG2280473</a>
Benzo(k)fluoranthene	ND		0.00600	1	05/06/2024 22:30	<a href="#">WG2280473</a>
Chrysene	ND		0.00600	1	05/06/2024 22:30	<a href="#">WG2280473</a>
Dibenz(a,h)anthracene	ND		0.00600	1	05/06/2024 22:30	<a href="#">WG2280473</a>
Fluoranthene	ND		0.00600	1	05/06/2024 22:30	<a href="#">WG2280473</a>
Fluorene	ND		0.00600	1	05/06/2024 22:30	<a href="#">WG2280473</a>
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	05/06/2024 22:30	<a href="#">WG2280473</a>
Naphthalene	ND		0.0200	1	05/06/2024 22:30	<a href="#">WG2280473</a>
Phenanthrene	ND		0.00600	1	05/06/2024 22:30	<a href="#">WG2280473</a>
Pyrene	ND		0.00600	1	05/06/2024 22:30	<a href="#">WG2280473</a>
1-Methylnaphthalene	ND		0.0200	1	05/06/2024 22:30	<a href="#">WG2280473</a>
2-Methylnaphthalene	ND		0.0200	1	05/06/2024 22:30	<a href="#">WG2280473</a>
2-Chloronaphthalene	ND		0.0200	1	05/06/2024 22:30	<a href="#">WG2280473</a>
(S) p-Terphenyl-d14	83.8		23.0-120		05/06/2024 22:30	<a href="#">WG2280473</a>
(S) Nitrobenzene-d5	76.3		14.0-149		05/06/2024 22:30	<a href="#">WG2280473</a>
(S) 2-Fluorobiphenyl	74.5		34.0-125		05/06/2024 22:30	<a href="#">WG2280473</a>





Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	2.93		1	05/06/2024 17:51	WG2279134

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		1.00	1	05/06/2024 07:19	<a href="#">WG2277739</a>

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.37	<a href="#">T8</a>	1	05/01/2024 23:10	<a href="#">WG2278322</a>

Sample Narrative:  
L1730958-02 WG2278322: 8.37 at 20.8C

Wet Chemistry by Method 9050AMod

Analyte	Result umhos/cm	Qualifier	RDL umhos/cm	Dilution	Analysis date / time	Batch
Specific Conductance	458		10.0	1	05/02/2024 19:00	<a href="#">WG2277883</a>

Sample Narrative:  
L1730958-02 WG2277883: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.701		0.200	1	05/07/2024 12:56	<a href="#">WG2279138</a>

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.20		1.00	5	05/06/2024 02:38	<a href="#">WG2278251</a>
Barium	253		2.50	5	05/06/2024 02:38	<a href="#">WG2278251</a>
Cadmium	ND		1.00	5	05/06/2024 02:38	<a href="#">WG2278251</a>
Copper	10.9		5.00	5	05/06/2024 02:38	<a href="#">WG2278251</a>
Lead	9.88		2.00	5	05/06/2024 02:38	<a href="#">WG2278251</a>
Nickel	12.3		2.50	5	05/06/2024 02:38	<a href="#">WG2278251</a>
Selenium	ND		2.50	5	05/06/2024 02:38	<a href="#">WG2278251</a>
Silver	ND		0.500	5	05/06/2024 02:38	<a href="#">WG2278251</a>
Zinc	41.1		25.0	5	05/06/2024 02:38	<a href="#">WG2278251</a>

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		0.101	1.01	05/04/2024 09:35	<a href="#">WG2280062</a>
(S) a,a,a-Trifluorotoluene(FID)	89.3		77.0-120		05/04/2024 09:35	<a href="#">WG2280062</a>

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

## Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Acrylonitrile	ND		0.0125	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Benzene	ND		0.00100	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Bromobenzene	ND		0.0125	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Bromodichloromethane	ND		0.00250	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Bromoform	ND		0.0250	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Bromomethane	ND		0.0125	1	05/03/2024 10:50	<a href="#">WG2279358</a>
n-Butylbenzene	ND		0.0125	1	05/03/2024 10:50	<a href="#">WG2279358</a>
sec-Butylbenzene	ND		0.0125	1	05/03/2024 10:50	<a href="#">WG2279358</a>
tert-Butylbenzene	ND		0.00500	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Carbon tetrachloride	ND		0.00500	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Chlorobenzene	ND		0.00250	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Chlorodibromomethane	ND		0.00250	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Chloroethane	ND		0.00500	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Chloroform	ND		0.00250	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Chloromethane	ND		0.0125	1	05/03/2024 10:50	<a href="#">WG2279358</a>
2-Chlorotoluene	ND		0.00250	1	05/03/2024 10:50	<a href="#">WG2279358</a>
4-Chlorotoluene	ND		0.00500	1	05/03/2024 10:50	<a href="#">WG2279358</a>
1,2-Dibromo-3-Chloropropane	ND		0.0250	1	05/03/2024 10:50	<a href="#">WG2279358</a>
1,2-Dibromoethane	ND		0.00250	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Dibromomethane	ND		0.00500	1	05/03/2024 10:50	<a href="#">WG2279358</a>
1,2-Dichlorobenzene	ND		0.00500	1	05/03/2024 10:50	<a href="#">WG2279358</a>
1,3-Dichlorobenzene	ND		0.00500	1	05/03/2024 10:50	<a href="#">WG2279358</a>
1,4-Dichlorobenzene	ND		0.00500	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Dichlorodifluoromethane	ND		0.00500	1	05/03/2024 10:50	<a href="#">WG2279358</a>
1,1-Dichloroethane	ND		0.00250	1	05/03/2024 10:50	<a href="#">WG2279358</a>
1,2-Dichloroethane	ND		0.00250	1	05/03/2024 10:50	<a href="#">WG2279358</a>
1,1-Dichloroethene	ND		0.00250	1	05/03/2024 10:50	<a href="#">WG2279358</a>
cis-1,2-Dichloroethene	ND		0.00250	1	05/03/2024 10:50	<a href="#">WG2279358</a>
trans-1,2-Dichloroethene	ND		0.00500	1	05/03/2024 10:50	<a href="#">WG2279358</a>
1,2-Dichloropropane	ND		0.00500	1	05/03/2024 10:50	<a href="#">WG2279358</a>
1,1-Dichloropropene	ND		0.00250	1	05/03/2024 10:50	<a href="#">WG2279358</a>
1,3-Dichloropropane	ND		0.00500	1	05/03/2024 10:50	<a href="#">WG2279358</a>
cis-1,3-Dichloropropene	ND		0.00250	1	05/03/2024 10:50	<a href="#">WG2279358</a>
trans-1,3-Dichloropropene	ND		0.00500	1	05/03/2024 10:50	<a href="#">WG2279358</a>
2,2-Dichloropropane	ND		0.00250	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Di-isopropyl ether	ND		0.00100	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Ethylbenzene	ND		0.00250	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Hexachloro-1,3-butadiene	ND		0.0250	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Isopropylbenzene	ND		0.00250	1	05/03/2024 10:50	<a href="#">WG2279358</a>
p-Isopropyltoluene	ND		0.00500	1	05/03/2024 10:50	<a href="#">WG2279358</a>
2-Butanone (MEK)	ND		0.100	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Methylene Chloride	0.0292		0.0250	1	05/03/2024 10:50	<a href="#">WG2279358</a>
4-Methyl-2-pentanone (MIBK)	ND		0.0250	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Methyl tert-butyl ether	ND		0.00100	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Naphthalene	ND		0.0125	1	05/03/2024 10:50	<a href="#">WG2279358</a>
n-Propylbenzene	ND		0.00500	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Styrene	ND		0.0125	1	05/03/2024 10:50	<a href="#">WG2279358</a>
1,1,1,2-Tetrachloroethane	ND		0.00250	1	05/03/2024 10:50	<a href="#">WG2279358</a>
1,1,2,2-Tetrachloroethane	ND		0.00250	1	05/03/2024 10:50	<a href="#">WG2279358</a>
1,1,2-Trichlorotrifluoroethane	ND		0.00250	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Tetrachloroethene	ND		0.00250	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Toluene	ND		0.00500	1	05/03/2024 10:50	<a href="#">WG2279358</a>
1,2,3-Trichlorobenzene	ND		0.0125	1	05/03/2024 10:50	<a href="#">WG2279358</a>
1,2,4-Trichlorobenzene	ND		0.0125	1	05/03/2024 10:50	<a href="#">WG2279358</a>
1,1,1-Trichloroethane	ND		0.00250	1	05/03/2024 10:50	<a href="#">WG2279358</a>

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 8260B

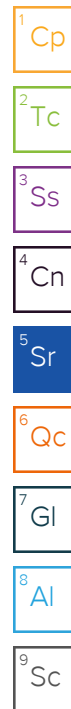
Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	ND		0.00250	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Trichloroethene	ND		0.00100	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Trichlorofluoromethane	ND		0.00250	1	05/03/2024 10:50	<a href="#">WG2279358</a>
1,2,3-Trichloropropane	ND		0.0125	1	05/03/2024 10:50	<a href="#">WG2279358</a>
1,2,4-Trimethylbenzene	ND		0.00500	1	05/03/2024 10:50	<a href="#">WG2279358</a>
1,2,3-Trimethylbenzene	ND		0.00500	1	05/03/2024 10:50	<a href="#">WG2279358</a>
1,3,5-Trimethylbenzene	ND		0.00500	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Vinyl chloride	ND		0.00250	1	05/03/2024 10:50	<a href="#">WG2279358</a>
Xylenes, Total	ND		0.00650	1	05/03/2024 10:50	<a href="#">WG2279358</a>
(S) Toluene-d8	104		75.0-131		05/03/2024 10:50	<a href="#">WG2279358</a>
(S) 4-Bromofluorobenzene	96.9		67.0-138		05/03/2024 10:50	<a href="#">WG2279358</a>
(S) 1,2-Dichloroethane-d4	89.7		70.0-130		05/03/2024 10:50	<a href="#">WG2279358</a>

## Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	05/06/2024 19:44	<a href="#">WG2280705</a>
C28-C36 Motor Oil Range	ND		4.00	1	05/06/2024 19:44	<a href="#">WG2280705</a>
(S) o-Terphenyl	47.7		18.0-148		05/06/2024 19:44	<a href="#">WG2280705</a>

## Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	05/06/2024 22:47	<a href="#">WG2280473</a>
Acenaphthene	ND		0.00600	1	05/06/2024 22:47	<a href="#">WG2280473</a>
Acenaphthylene	ND		0.00600	1	05/06/2024 22:47	<a href="#">WG2280473</a>
Benzo(a)anthracene	ND		0.00600	1	05/06/2024 22:47	<a href="#">WG2280473</a>
Benzo(a)pyrene	ND		0.00600	1	05/06/2024 22:47	<a href="#">WG2280473</a>
Benzo(b)fluoranthene	ND		0.00600	1	05/06/2024 22:47	<a href="#">WG2280473</a>
Benzo(g,h,i)perylene	ND		0.00600	1	05/06/2024 22:47	<a href="#">WG2280473</a>
Benzo(k)fluoranthene	ND		0.00600	1	05/06/2024 22:47	<a href="#">WG2280473</a>
Chrysene	ND		0.00600	1	05/06/2024 22:47	<a href="#">WG2280473</a>
Dibenz(a,h)anthracene	ND		0.00600	1	05/06/2024 22:47	<a href="#">WG2280473</a>
Fluoranthene	ND		0.00600	1	05/06/2024 22:47	<a href="#">WG2280473</a>
Fluorene	ND		0.00600	1	05/06/2024 22:47	<a href="#">WG2280473</a>
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	05/06/2024 22:47	<a href="#">WG2280473</a>
Naphthalene	ND		0.0200	1	05/06/2024 22:47	<a href="#">WG2280473</a>
Phenanthrene	ND		0.00600	1	05/06/2024 22:47	<a href="#">WG2280473</a>
Pyrene	ND		0.00600	1	05/06/2024 22:47	<a href="#">WG2280473</a>
1-Methylnaphthalene	ND		0.0200	1	05/06/2024 22:47	<a href="#">WG2280473</a>
2-Methylnaphthalene	ND		0.0200	1	05/06/2024 22:47	<a href="#">WG2280473</a>
2-Chloronaphthalene	ND		0.0200	1	05/06/2024 22:47	<a href="#">WG2280473</a>
(S) p-Terphenyl-d14	78.0		23.0-120		05/06/2024 22:47	<a href="#">WG2280473</a>
(S) Nitrobenzene-d5	70.5		14.0-149		05/06/2024 22:47	<a href="#">WG2280473</a>
(S) 2-Fluorobiphenyl	68.6		34.0-125		05/06/2024 22:47	<a href="#">WG2280473</a>



Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	2.67		1	05/06/2024 23:08	WG2279144

1  
Cp

2  
Tc

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		1.00	1	05/06/2024 07:32	<a href="#">WG2277739</a>

3  
Ss

4  
Cn

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.40	<a href="#">T8</a>	1	05/01/2024 23:10	<a href="#">WG2278322</a>

5  
Sr

6  
Qc

Sample Narrative:

L1730958-03 WG2278322: 8.4 at 20.6C

7  
Gl

8  
Al

Wet Chemistry by Method 9050AMod

Analyte	Result umhos/cm	Qualifier	RDL umhos/cm	Dilution	Analysis date / time	Batch
Specific Conductance	434		10.0	1	05/02/2024 19:00	<a href="#">WG2277883</a>

9  
Sc

Sample Narrative:

L1730958-03 WG2277883: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.703		0.200	1	05/07/2024 12:59	<a href="#">WG2279138</a>

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.61		1.00	5	05/06/2024 02:41	<a href="#">WG2278251</a>
Barium	252		2.50	5	05/06/2024 02:41	<a href="#">WG2278251</a>
Cadmium	ND		1.00	5	05/06/2024 02:41	<a href="#">WG2278251</a>
Copper	10.1		5.00	5	05/06/2024 02:41	<a href="#">WG2278251</a>
Lead	9.37		2.00	5	05/06/2024 02:41	<a href="#">WG2278251</a>
Nickel	11.4		2.50	5	05/06/2024 02:41	<a href="#">WG2278251</a>
Selenium	ND		2.50	5	05/06/2024 02:41	<a href="#">WG2278251</a>
Silver	ND		0.500	5	05/06/2024 02:41	<a href="#">WG2278251</a>
Zinc	38.3		25.0	5	05/06/2024 02:41	<a href="#">WG2278251</a>

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		0.100	1	05/04/2024 09:58	<a href="#">WG2280062</a>
(S) a,a,a-Trifluorotoluene(FID)	89.7		77.0-120		05/04/2024 09:58	<a href="#">WG2280062</a>

## Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Acrylonitrile	ND		0.0125	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Benzene	ND		0.00100	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Bromobenzene	ND		0.0125	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Bromodichloromethane	ND		0.00250	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Bromoform	ND		0.0250	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Bromomethane	ND		0.0125	1	05/03/2024 11:09	<a href="#">WG2279358</a>
n-Butylbenzene	ND		0.0125	1	05/03/2024 11:09	<a href="#">WG2279358</a>
sec-Butylbenzene	ND		0.0125	1	05/03/2024 11:09	<a href="#">WG2279358</a>
tert-Butylbenzene	ND		0.00500	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Carbon tetrachloride	ND		0.00500	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Chlorobenzene	ND		0.00250	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Chlorodibromomethane	ND		0.00250	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Chloroethane	ND		0.00500	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Chloroform	ND		0.00250	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Chloromethane	ND		0.0125	1	05/03/2024 11:09	<a href="#">WG2279358</a>
2-Chlorotoluene	ND		0.00250	1	05/03/2024 11:09	<a href="#">WG2279358</a>
4-Chlorotoluene	ND		0.00500	1	05/03/2024 11:09	<a href="#">WG2279358</a>
1,2-Dibromo-3-Chloropropane	ND		0.0250	1	05/03/2024 11:09	<a href="#">WG2279358</a>
1,2-Dibromoethane	ND		0.00250	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Dibromomethane	ND		0.00500	1	05/03/2024 11:09	<a href="#">WG2279358</a>
1,2-Dichlorobenzene	ND		0.00500	1	05/03/2024 11:09	<a href="#">WG2279358</a>
1,3-Dichlorobenzene	ND		0.00500	1	05/03/2024 11:09	<a href="#">WG2279358</a>
1,4-Dichlorobenzene	ND		0.00500	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Dichlorodifluoromethane	ND		0.00500	1	05/03/2024 11:09	<a href="#">WG2279358</a>
1,1-Dichloroethane	ND		0.00250	1	05/03/2024 11:09	<a href="#">WG2279358</a>
1,2-Dichloroethane	ND		0.00250	1	05/03/2024 11:09	<a href="#">WG2279358</a>
1,1-Dichloroethene	ND		0.00250	1	05/03/2024 11:09	<a href="#">WG2279358</a>
cis-1,2-Dichloroethene	ND		0.00250	1	05/03/2024 11:09	<a href="#">WG2279358</a>
trans-1,2-Dichloroethene	ND		0.00500	1	05/03/2024 11:09	<a href="#">WG2279358</a>
1,2-Dichloropropane	ND		0.00500	1	05/03/2024 11:09	<a href="#">WG2279358</a>
1,1-Dichloropropene	ND		0.00250	1	05/03/2024 11:09	<a href="#">WG2279358</a>
1,3-Dichloropropane	ND		0.00500	1	05/03/2024 11:09	<a href="#">WG2279358</a>
cis-1,3-Dichloropropene	ND		0.00250	1	05/03/2024 11:09	<a href="#">WG2279358</a>
trans-1,3-Dichloropropene	ND		0.00500	1	05/03/2024 11:09	<a href="#">WG2279358</a>
2,2-Dichloropropane	ND		0.00250	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Di-isopropyl ether	ND		0.00100	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Ethylbenzene	ND		0.00250	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Hexachloro-1,3-butadiene	ND		0.0250	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Isopropylbenzene	ND		0.00250	1	05/03/2024 11:09	<a href="#">WG2279358</a>
p-Isopropyltoluene	ND		0.00500	1	05/03/2024 11:09	<a href="#">WG2279358</a>
2-Butanone (MEK)	ND		0.100	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Methylene Chloride	0.0321		0.0250	1	05/03/2024 11:09	<a href="#">WG2279358</a>
4-Methyl-2-pentanone (MIBK)	ND		0.0250	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Methyl tert-butyl ether	ND		0.00100	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Naphthalene	ND		0.0125	1	05/03/2024 11:09	<a href="#">WG2279358</a>
n-Propylbenzene	ND		0.00500	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Styrene	ND		0.0125	1	05/03/2024 11:09	<a href="#">WG2279358</a>
1,1,1,2-Tetrachloroethane	ND		0.00250	1	05/03/2024 11:09	<a href="#">WG2279358</a>
1,1,2,2-Tetrachloroethane	ND		0.00250	1	05/03/2024 11:09	<a href="#">WG2279358</a>
1,1,2-Trichlorotrifluoroethane	ND		0.00250	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Tetrachloroethene	ND		0.00250	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Toluene	ND		0.00500	1	05/03/2024 11:09	<a href="#">WG2279358</a>
1,2,3-Trichlorobenzene	ND		0.0125	1	05/03/2024 11:09	<a href="#">WG2279358</a>
1,2,4-Trichlorobenzene	ND		0.0125	1	05/03/2024 11:09	<a href="#">WG2279358</a>
1,1,1-Trichloroethane	ND		0.00250	1	05/03/2024 11:09	<a href="#">WG2279358</a>

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 8260B

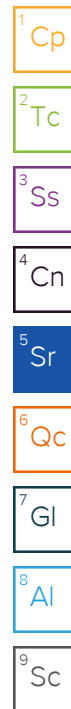
Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	ND		0.00250	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Trichloroethene	ND		0.00100	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Trichlorofluoromethane	ND		0.00250	1	05/03/2024 11:09	<a href="#">WG2279358</a>
1,2,3-Trichloropropane	ND		0.0125	1	05/03/2024 11:09	<a href="#">WG2279358</a>
1,2,4-Trimethylbenzene	ND		0.00500	1	05/03/2024 11:09	<a href="#">WG2279358</a>
1,2,3-Trimethylbenzene	ND		0.00500	1	05/03/2024 11:09	<a href="#">WG2279358</a>
1,3,5-Trimethylbenzene	ND		0.00500	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Vinyl chloride	ND		0.00250	1	05/03/2024 11:09	<a href="#">WG2279358</a>
Xylenes, Total	ND		0.00650	1	05/03/2024 11:09	<a href="#">WG2279358</a>
(S) Toluene-d8	104		75.0-131		05/03/2024 11:09	<a href="#">WG2279358</a>
(S) 4-Bromofluorobenzene	100		67.0-138		05/03/2024 11:09	<a href="#">WG2279358</a>
(S) 1,2-Dichloroethane-d4	94.9		70.0-130		05/03/2024 11:09	<a href="#">WG2279358</a>

## Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	05/06/2024 19:57	<a href="#">WG2280705</a>
C28-C36 Motor Oil Range	ND		4.00	1	05/06/2024 19:57	<a href="#">WG2280705</a>
(S) o-Terphenyl	46.8		18.0-148		05/06/2024 19:57	<a href="#">WG2280705</a>

## Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	05/06/2024 23:05	<a href="#">WG2280473</a>
Acenaphthene	ND		0.00600	1	05/06/2024 23:05	<a href="#">WG2280473</a>
Acenaphthylene	ND		0.00600	1	05/06/2024 23:05	<a href="#">WG2280473</a>
Benzo(a)anthracene	ND		0.00600	1	05/06/2024 23:05	<a href="#">WG2280473</a>
Benzo(a)pyrene	ND		0.00600	1	05/06/2024 23:05	<a href="#">WG2280473</a>
Benzo(b)fluoranthene	ND		0.00600	1	05/06/2024 23:05	<a href="#">WG2280473</a>
Benzo(g,h,i)perylene	ND		0.00600	1	05/06/2024 23:05	<a href="#">WG2280473</a>
Benzo(k)fluoranthene	ND		0.00600	1	05/06/2024 23:05	<a href="#">WG2280473</a>
Chrysene	ND		0.00600	1	05/06/2024 23:05	<a href="#">WG2280473</a>
Dibenz(a,h)anthracene	ND		0.00600	1	05/06/2024 23:05	<a href="#">WG2280473</a>
Fluoranthene	ND		0.00600	1	05/06/2024 23:05	<a href="#">WG2280473</a>
Fluorene	ND		0.00600	1	05/06/2024 23:05	<a href="#">WG2280473</a>
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	05/06/2024 23:05	<a href="#">WG2280473</a>
Naphthalene	ND		0.0200	1	05/06/2024 23:05	<a href="#">WG2280473</a>
Phenanthrene	ND		0.00600	1	05/06/2024 23:05	<a href="#">WG2280473</a>
Pyrene	ND		0.00600	1	05/06/2024 23:05	<a href="#">WG2280473</a>
1-Methylnaphthalene	ND		0.0200	1	05/06/2024 23:05	<a href="#">WG2280473</a>
2-Methylnaphthalene	ND		0.0200	1	05/06/2024 23:05	<a href="#">WG2280473</a>
2-Chloronaphthalene	ND		0.0200	1	05/06/2024 23:05	<a href="#">WG2280473</a>
(S) p-Terphenyl-d14	90.5		23.0-120		05/06/2024 23:05	<a href="#">WG2280473</a>
(S) Nitrobenzene-d5	80.4		14.0-149		05/06/2024 23:05	<a href="#">WG2280473</a>
(S) 2-Fluorobiphenyl	75.7		34.0-125		05/06/2024 23:05	<a href="#">WG2280473</a>



Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	1.19		1	05/08/2024 14:40	WG2279146

1  
Cp

2  
Tc

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		1.00	1	05/06/2024 07:38	<a href="#">WG2277739</a>

3  
Ss

4  
Cn

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.96	<a href="#">T8</a>	1	05/01/2024 18:40	<a href="#">WG2277850</a>

5  
Sr

6  
Qc

Sample Narrative:

L1730958-04 WG2277850: 7.96 at 20.6C

7  
Gl

8  
Al

Wet Chemistry by Method 9050AMod

Analyte	Result umhos/cm	Qualifier	RDL umhos/cm	Dilution	Analysis date / time	Batch
Specific Conductance	344		10.0	1	05/02/2024 19:00	<a href="#">WG2277883</a>

9  
Sc

Sample Narrative:

L1730958-04 WG2277883: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.455		0.200	1	05/07/2024 13:01	<a href="#">WG2279138</a>

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.13		1.00	5	05/06/2024 02:44	<a href="#">WG2278251</a>
Barium	181		2.50	5	05/06/2024 02:44	<a href="#">WG2278251</a>
Cadmium	ND		1.00	5	05/06/2024 02:44	<a href="#">WG2278251</a>
Copper	11.3		5.00	5	05/06/2024 02:44	<a href="#">WG2278251</a>
Lead	12.7		2.00	5	05/06/2024 02:44	<a href="#">WG2278251</a>
Nickel	11.6		2.50	5	05/06/2024 02:44	<a href="#">WG2278251</a>
Selenium	ND		2.50	5	05/06/2024 02:44	<a href="#">WG2278251</a>
Silver	ND		0.500	5	05/06/2024 02:44	<a href="#">WG2278251</a>
Zinc	43.2		25.0	5	05/06/2024 02:44	<a href="#">WG2278251</a>

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		0.100	1	05/04/2024 10:22	<a href="#">WG2280062</a>
(S) a,a,a-Trifluorotoluene(FID)	90.0		77.0-120		05/04/2024 10:22	<a href="#">WG2280062</a>



## Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.0505	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Acrylonitrile	ND		0.0126	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Benzene	ND		0.00101	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Bromobenzene	ND		0.0126	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Bromodichloromethane	ND		0.00253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Bromoform	ND		0.0253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Bromomethane	ND		0.0126	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
n-Butylbenzene	ND		0.0126	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
sec-Butylbenzene	ND		0.0126	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
tert-Butylbenzene	ND		0.00505	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Carbon tetrachloride	ND		0.00505	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Chlorobenzene	ND		0.00253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Chlorodibromomethane	ND		0.00253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Chloroethane	ND		0.00505	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Chloroform	ND		0.00253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Chloromethane	ND		0.0126	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
2-Chlorotoluene	ND		0.00253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
4-Chlorotoluene	ND		0.00505	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
1,2-Dibromo-3-Chloropropane	ND		0.0253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
1,2-Dibromoethane	ND		0.00253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Dibromomethane	ND		0.00505	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
1,2-Dichlorobenzene	ND		0.00505	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
1,3-Dichlorobenzene	ND		0.00505	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
1,4-Dichlorobenzene	ND		0.00505	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Dichlorodifluoromethane	ND		0.00505	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
1,1-Dichloroethane	ND		0.00253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
1,2-Dichloroethane	ND		0.00253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
1,1-Dichloroethene	ND		0.00253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
cis-1,2-Dichloroethene	ND		0.00253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
trans-1,2-Dichloroethene	ND		0.00505	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
1,2-Dichloropropane	ND		0.00505	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
1,1-Dichloropropene	ND		0.00253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
1,3-Dichloropropane	ND		0.00505	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
cis-1,3-Dichloropropene	ND		0.00253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
trans-1,3-Dichloropropene	ND		0.00505	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
2,2-Dichloropropane	ND		0.00253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Di-isopropyl ether	ND		0.00101	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Ethylbenzene	ND		0.00253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Hexachloro-1,3-butadiene	ND		0.0253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Isopropylbenzene	ND		0.00253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
p-Isopropyltoluene	ND		0.00505	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
2-Butanone (MEK)	ND		0.101	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Methylene Chloride	0.0331		0.0253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
4-Methyl-2-pentanone (MIBK)	ND		0.0253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Methyl tert-butyl ether	ND		0.00101	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Naphthalene	ND		0.0126	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
n-Propylbenzene	ND		0.00505	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Styrene	ND		0.0126	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
1,1,1,2-Tetrachloroethane	ND		0.00253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
1,1,2,2-Tetrachloroethane	ND		0.00253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
1,1,2-Trichlorotrifluoroethane	ND		0.00253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Tetrachloroethene	ND		0.00253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Toluene	ND		0.00505	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
1,2,3-Trichlorobenzene	ND		0.0126	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
1,2,4-Trichlorobenzene	ND		0.0126	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
1,1,1-Trichloroethane	ND		0.00253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>

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 8260B

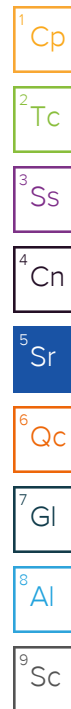
Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	ND		0.00253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Trichloroethene	ND		0.00101	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Trichlorofluoromethane	ND		0.00253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
1,2,3-Trichloropropane	ND		0.0126	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
1,2,4-Trimethylbenzene	ND		0.00505	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
1,2,3-Trimethylbenzene	ND		0.00505	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
1,3,5-Trimethylbenzene	ND		0.00505	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Vinyl chloride	ND		0.00253	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
Xylenes, Total	ND		0.00656	1.01	05/03/2024 11:28	<a href="#">WG2279358</a>
(S) Toluene-d8	106		75.0-131		05/03/2024 11:28	<a href="#">WG2279358</a>
(S) 4-Bromofluorobenzene	100		67.0-138		05/03/2024 11:28	<a href="#">WG2279358</a>
(S) 1,2-Dichloroethane-d4	87.4		70.0-130		05/03/2024 11:28	<a href="#">WG2279358</a>

## Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	5.71		4.00	1	05/06/2024 21:55	<a href="#">WG2280705</a>
C28-C36 Motor Oil Range	22.8		4.00	1	05/06/2024 21:55	<a href="#">WG2280705</a>
(S) o-Terphenyl	48.4		18.0-148		05/06/2024 21:55	<a href="#">WG2280705</a>

## Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	05/06/2024 23:22	<a href="#">WG2280473</a>
Acenaphthene	ND		0.00600	1	05/06/2024 23:22	<a href="#">WG2280473</a>
Acenaphthylene	ND		0.00600	1	05/06/2024 23:22	<a href="#">WG2280473</a>
Benzo(a)anthracene	ND		0.00600	1	05/06/2024 23:22	<a href="#">WG2280473</a>
Benzo(a)pyrene	ND		0.00600	1	05/06/2024 23:22	<a href="#">WG2280473</a>
Benzo(b)fluoranthene	ND		0.00600	1	05/06/2024 23:22	<a href="#">WG2280473</a>
Benzo(g,h,i)perylene	ND		0.00600	1	05/06/2024 23:22	<a href="#">WG2280473</a>
Benzo(k)fluoranthene	ND		0.00600	1	05/06/2024 23:22	<a href="#">WG2280473</a>
Chrysene	ND		0.00600	1	05/06/2024 23:22	<a href="#">WG2280473</a>
Dibenz(a,h)anthracene	ND		0.00600	1	05/06/2024 23:22	<a href="#">WG2280473</a>
Fluoranthene	ND		0.00600	1	05/06/2024 23:22	<a href="#">WG2280473</a>
Fluorene	ND		0.00600	1	05/06/2024 23:22	<a href="#">WG2280473</a>
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	05/06/2024 23:22	<a href="#">WG2280473</a>
Naphthalene	ND		0.0200	1	05/06/2024 23:22	<a href="#">WG2280473</a>
Phenanthrene	ND		0.00600	1	05/06/2024 23:22	<a href="#">WG2280473</a>
Pyrene	ND		0.00600	1	05/06/2024 23:22	<a href="#">WG2280473</a>
1-Methylnaphthalene	ND		0.0200	1	05/06/2024 23:22	<a href="#">WG2280473</a>
2-Methylnaphthalene	ND		0.0200	1	05/06/2024 23:22	<a href="#">WG2280473</a>
2-Chloronaphthalene	ND		0.0200	1	05/06/2024 23:22	<a href="#">WG2280473</a>
(S) p-Terphenyl-d14	84.0		23.0-120		05/06/2024 23:22	<a href="#">WG2280473</a>
(S) Nitrobenzene-d5	77.2		14.0-149		05/06/2024 23:22	<a href="#">WG2280473</a>
(S) 2-Fluorobiphenyl	72.6		34.0-125		05/06/2024 23:22	<a href="#">WG2280473</a>



Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	1.18		1	05/08/2024 14:44	WG2279146

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		1.00	1	05/06/2024 07:56	<a href="#">WG2277739</a>

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.97	<a href="#">T8</a>	1	05/01/2024 18:40	<a href="#">WG2277850</a>

Sample Narrative:

L1730958-05 WG2277850: 7.97 at 20.3C

Wet Chemistry by Method 9050AMod

Analyte	Result umhos/cm	Qualifier	RDL umhos/cm	Dilution	Analysis date / time	Batch
Specific Conductance	328		10.0	1	05/02/2024 19:00	<a href="#">WG2277883</a>

Sample Narrative:

L1730958-05 WG2277883: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.327		0.200	1	05/12/2024 08:17	<a href="#">WG2281757</a>

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.98		1.00	5	05/06/2024 02:47	<a href="#">WG2278251</a>
Barium	158		2.50	5	05/06/2024 02:47	<a href="#">WG2278251</a>
Cadmium	ND		1.00	5	05/06/2024 02:47	<a href="#">WG2278251</a>
Copper	10.2		5.00	5	05/06/2024 02:47	<a href="#">WG2278251</a>
Lead	13.0		2.00	5	05/06/2024 02:47	<a href="#">WG2278251</a>
Nickel	11.0		2.50	5	05/06/2024 02:47	<a href="#">WG2278251</a>
Selenium	ND		2.50	5	05/06/2024 02:47	<a href="#">WG2278251</a>
Silver	0.550		0.500	5	05/06/2024 02:47	<a href="#">WG2278251</a>
Zinc	43.3		25.0	5	05/06/2024 02:47	<a href="#">WG2278251</a>

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		0.101	1.01	05/04/2024 11:09	<a href="#">WG2280062</a>
(S) a,a,a-Trifluorotoluene(FID)	90.2		77.0-120		05/04/2024 11:09	<a href="#">WG2280062</a>

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

## Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.0505	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Acrylonitrile	ND		0.0126	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Benzene	ND		0.00101	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Bromobenzene	ND		0.0126	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Bromodichloromethane	ND		0.00253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Bromoform	ND		0.0253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Bromomethane	ND		0.0126	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
n-Butylbenzene	ND		0.0126	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
sec-Butylbenzene	ND		0.0126	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
tert-Butylbenzene	ND		0.00505	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Carbon tetrachloride	ND		0.00505	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Chlorobenzene	ND		0.00253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Chlorodibromomethane	ND		0.00253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Chloroethane	ND		0.00505	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Chloroform	ND		0.00253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Chloromethane	ND		0.0126	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
2-Chlorotoluene	ND		0.00253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
4-Chlorotoluene	ND		0.00505	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
1,2-Dibromo-3-Chloropropane	ND		0.0253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
1,2-Dibromoethane	ND		0.00253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Dibromomethane	ND		0.00505	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
1,2-Dichlorobenzene	ND		0.00505	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
1,3-Dichlorobenzene	ND		0.00505	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
1,4-Dichlorobenzene	ND		0.00505	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Dichlorodifluoromethane	ND		0.00505	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
1,1-Dichloroethane	ND		0.00253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
1,2-Dichloroethane	ND		0.00253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
1,1-Dichloroethene	ND		0.00253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
cis-1,2-Dichloroethene	ND		0.00253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
trans-1,2-Dichloroethene	ND		0.00505	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
1,2-Dichloropropane	ND		0.00505	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
1,1-Dichloropropene	ND		0.00253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
1,3-Dichloropropane	ND		0.00505	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
cis-1,3-Dichloropropene	ND		0.00253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
trans-1,3-Dichloropropene	ND		0.00505	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
2,2-Dichloropropane	ND		0.00253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Di-isopropyl ether	ND		0.00101	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Ethylbenzene	ND		0.00253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Hexachloro-1,3-butadiene	ND		0.0253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Isopropylbenzene	ND		0.00253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
p-Isopropyltoluene	ND		0.00505	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
2-Butanone (MEK)	ND		0.101	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Methylene Chloride	0.0313		0.0253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
4-Methyl-2-pentanone (MIBK)	ND		0.0253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Methyl tert-butyl ether	ND		0.00101	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Naphthalene	ND		0.0126	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
n-Propylbenzene	ND		0.00505	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Styrene	ND		0.0126	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
1,1,1,2-Tetrachloroethane	ND		0.00253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
1,1,2,2-Tetrachloroethane	ND		0.00253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
1,1,2-Trichlorotrifluoroethane	ND		0.00253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Tetrachloroethene	ND		0.00253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Toluene	ND		0.00505	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
1,2,3-Trichlorobenzene	ND		0.0126	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
1,2,4-Trichlorobenzene	ND		0.0126	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
1,1,1-Trichloroethane	ND		0.00253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>

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 8260B

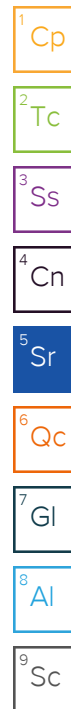
Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	ND		0.00253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Trichloroethene	ND		0.00101	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Trichlorofluoromethane	ND		0.00253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
1,2,3-Trichloropropane	ND		0.0126	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
1,2,4-Trimethylbenzene	ND		0.00505	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
1,2,3-Trimethylbenzene	ND		0.00505	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
1,3,5-Trimethylbenzene	ND		0.00505	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Vinyl chloride	ND		0.00253	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
Xylenes, Total	ND		0.00656	1.01	05/03/2024 11:47	<a href="#">WG2279358</a>
(S) Toluene-d8	102		75.0-131		05/03/2024 11:47	<a href="#">WG2279358</a>
(S) 4-Bromofluorobenzene	99.9		67.0-138		05/03/2024 11:47	<a href="#">WG2279358</a>
(S) 1,2-Dichloroethane-d4	89.8		70.0-130		05/03/2024 11:47	<a href="#">WG2279358</a>

## Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	5.35		4.00	1	05/06/2024 22:08	<a href="#">WG2280705</a>
C28-C36 Motor Oil Range	18.1		4.00	1	05/06/2024 22:08	<a href="#">WG2280705</a>
(S) o-Terphenyl	48.0		18.0-148		05/06/2024 22:08	<a href="#">WG2280705</a>

## Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	05/06/2024 23:40	<a href="#">WG2280473</a>
Acenaphthene	ND		0.00600	1	05/06/2024 23:40	<a href="#">WG2280473</a>
Acenaphthylene	ND		0.00600	1	05/06/2024 23:40	<a href="#">WG2280473</a>
Benzo(a)anthracene	ND		0.00600	1	05/06/2024 23:40	<a href="#">WG2280473</a>
Benzo(a)pyrene	ND		0.00600	1	05/06/2024 23:40	<a href="#">WG2280473</a>
Benzo(b)fluoranthene	ND		0.00600	1	05/06/2024 23:40	<a href="#">WG2280473</a>
Benzo(g,h,i)perylene	ND		0.00600	1	05/06/2024 23:40	<a href="#">WG2280473</a>
Benzo(k)fluoranthene	ND		0.00600	1	05/06/2024 23:40	<a href="#">WG2280473</a>
Chrysene	ND		0.00600	1	05/06/2024 23:40	<a href="#">WG2280473</a>
Dibenz(a,h)anthracene	ND		0.00600	1	05/06/2024 23:40	<a href="#">WG2280473</a>
Fluoranthene	ND		0.00600	1	05/06/2024 23:40	<a href="#">WG2280473</a>
Fluorene	ND		0.00600	1	05/06/2024 23:40	<a href="#">WG2280473</a>
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	05/06/2024 23:40	<a href="#">WG2280473</a>
Naphthalene	ND		0.0200	1	05/06/2024 23:40	<a href="#">WG2280473</a>
Phenanthrene	ND		0.00600	1	05/06/2024 23:40	<a href="#">WG2280473</a>
Pyrene	ND		0.00600	1	05/06/2024 23:40	<a href="#">WG2280473</a>
1-Methylnaphthalene	ND		0.0200	1	05/06/2024 23:40	<a href="#">WG2280473</a>
2-Methylnaphthalene	ND		0.0200	1	05/06/2024 23:40	<a href="#">WG2280473</a>
2-Chloronaphthalene	ND		0.0200	1	05/06/2024 23:40	<a href="#">WG2280473</a>
(S) p-Terphenyl-d14	85.4		23.0-120		05/06/2024 23:40	<a href="#">WG2280473</a>
(S) Nitrobenzene-d5	74.3		14.0-149		05/06/2024 23:40	<a href="#">WG2280473</a>
(S) 2-Fluorobiphenyl	67.2		34.0-125		05/06/2024 23:40	<a href="#">WG2280473</a>



Method Blank (MB)

(MB) R4066098-1 05/06/24 06:40

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Hexavalent Chromium	U		0.255	1.00

L1730958-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1730958-02 05/06/24 07:19 • (DUP) R4066098-3 05/06/24 07:26

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Hexavalent Chromium	ND	ND	1	0.000		20

L1730963-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1730963-06 05/06/24 09:11 • (DUP) R4066098-8 05/06/24 09:17

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Hexavalent Chromium	ND	ND	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R4066098-2 05/06/24 06:48

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
Hexavalent Chromium	10.0	9.73	97.3	80.0-120	

L1730963-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1730963-01 05/06/24 08:03 • (MS) R4066098-5 05/06/24 08:15 • (MSD) R4066098-6 05/06/24 08:21

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Hexavalent Chromium	20.0	ND	18.7	18.5	93.3	92.4	1	75.0-125			0.958	20

L1730963-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1730963-09 05/06/24 09:35 • (MS) R4066098-10 05/06/24 09:48 • (MSD) R4066098-11 05/06/24 09:54

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Hexavalent Chromium	20.0	ND	19.4	19.2	96.8	96.1	1	75.0-125			0.685	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1730963-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1730963-01 05/06/24 08:03 • (MS) R4066098-7 05/06/24 08:27

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MS Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>
Hexavalent Chromium	631	ND	578	91.6	50	75.0-125	

L1730963-09 Original Sample (OS) • Matrix Spike (MS)

(OS) L1730963-09 05/06/24 09:35 • (MS) R4066098-12 05/06/24 10:00

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MS Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>
Hexavalent Chromium	646	ND	651	101	50	75.0-125	

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc



L1729382-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1729382-02 05/01/24 18:40 • (DUP) R4064651-2 05/01/24 18:40

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	su	su		%		%
pH	6.75	6.75	1	0.000		1

Sample Narrative:

OS: 6.75 at 20.9C

DUP: 6.75 at 20.9C

L1730939-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1730939-01 05/01/24 18:40 • (DUP) R4064651-3 05/01/24 18:40

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	su	su		%		%
pH	7.18	7.16	1	0.279		1

Sample Narrative:

OS: 7.18 at 20.7C

DUP: 7.16 at 20.6C

Laboratory Control Sample (LCS)

(LCS) R4064651-1 05/01/24 18:40

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	su	su	%	%	
pH	10.0	9.99	99.9	99.0-101	

Sample Narrative:

LCS: 9.99 at 20.5C

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1730963-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1730963-09 05/01/24 23:10 • (DUP) R4064709-2 05/01/24 23:10

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	su	su		%		%
pH	8.30	8.30	1	0.000		1

Sample Narrative:

OS: 8.3 at 20C

DUP: 8.3 at 19.9C

L1730971-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1730971-13 05/01/24 23:10 • (DUP) R4064709-3 05/01/24 23:10

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	su	su		%		%
pH	8.52	8.51	1	0.117		1

Sample Narrative:

OS: 8.52 at 20.5C

DUP: 8.51 at 20.6C

Laboratory Control Sample (LCS)

(LCS) R4064709-1 05/01/24 23:10

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	su	su	%	%	
pH	10.0	10.0	100	99.0-101	

Sample Narrative:

LCS: 10 at 20.6C

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4065185-1 05/02/24 19:00

Analyte	MB Result umhos/cm	MB Qualifier	MB MDL umhos/cm	MB RDL umhos/cm
Specific Conductance	U		10.0	10.0

Sample Narrative:

BLANK: at 25C

L1730958-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1730958-04 05/02/24 19:00 • (DUP) R4065185-3 05/02/24 19:00

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	344	346	1	0.580		20

Sample Narrative:

OS: at 25C

DUP: at 25C

L1730963-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1730963-09 05/02/24 19:00 • (DUP) R4065185-4 05/02/24 19:00

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	4540	4540	1	0.000		20

Sample Narrative:

OS: at 25C

DUP: at 25C

Laboratory Control Sample (LCS)

(LCS) R4065185-2 05/02/24 19:00

Analyte	Spike Amount umhos/cm	LCS Result umhos/cm	LCS Rec. %	Rec. Limits %	LCS Qualifier
Specific Conductance	327	338	103	85.0-115	

Sample Narrative:

LCS: at 25C

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4066707-1 05/07/24 12:45

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Hot Water Sol. Boron	U		0.0167	0.200

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

(LCS) R4066707-2 05/07/24 12:47 • (LCSD) R4066707-3 05/07/24 12:50

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Hot Water Sol. Boron	1.00	1.04	1.06	104	106	80.0-120			1.71	20

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

Method Blank (MB)

(MB) R4068719-1 05/12/24 08:13

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Hot Water Sol. Boron	U		0.0167	0.200

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

(LCS) R4068719-2 05/12/24 08:14 • (LCSD) R4068719-3 05/12/24 08:16

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Hot Water Sol. Boron	1.00	1.07	1.08	107	108	80.0-120			1.13	20

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

Method Blank (MB)

(MB) R4066056-2 05/06/24 01:45

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.100	1.00
Barium	U		0.152	2.50
Cadmium	U		0.0855	1.00
Copper	U		0.133	5.00
Lead	U		0.0990	2.00
Nickel	U		0.197	2.50
Selenium	U		0.180	2.50
Silver	U		0.0865	0.500
Zinc	U		0.740	25.0

Laboratory Control Sample (LCS)

(LCS) R4066056-3 05/06/24 01:49

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	101	101	80.0-120	
Barium	100	98.8	98.8	80.0-120	
Cadmium	100	102	102	80.0-120	
Copper	100	99.0	99.0	80.0-120	
Lead	100	104	104	80.0-120	
Nickel	100	104	104	80.0-120	
Selenium	100	101	101	80.0-120	
Silver	20.0	20.0	99.9	80.0-120	
Zinc	100	98.2	98.2	80.0-120	

L1730963-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1730963-01 05/06/24 01:52 • (MS) R4066056-6 05/06/24 02:02 • (MSD) R4066056-7 05/06/24 02:05

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 %
Arsenic	100	4.50	108	101	103	96.3	5	75.0-125			6.79	20
Barium	100	178	374	292	196	113	5	75.0-125	J5	J3	24.9	20
Cadmium	100	ND	114	103	113	102	5	75.0-125			10.1	20
Copper	100	8.84	113	106	105	97.4	5	75.0-125			6.56	20
Lead	100	8.94	122	114	113	105	5	75.0-125			6.79	20
Nickel	100	10.3	113	109	102	98.4	5	75.0-125			3.48	20
Selenium	100	ND	111	105	111	104	5	75.0-125			5.94	20
Silver	20.0	ND	21.0	20.5	105	103	5	75.0-125			1.99	20
Zinc	100	33.2	137	128	104	94.6	5	75.0-125			6.77	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4066252-2 05/04/24 02:30

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	0.0347	⬇	0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	94.0			77.0-120

Laboratory Control Sample (LCS)

(LCS) R4066252-1 05/04/24 00:54

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	4.66	93.2	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			98.1	77.0-120	

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc



Method Blank (MB)

(MB) R4066210-2 05/03/24 08:10

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

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4066210-2 05/03/24 08:10

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
1,1,2-Trichlorotrifluoroethane	U		0.000754	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
1,2,3-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	96.0			67.0-138
(S) 1,2-Dichloroethane-d4	91.3			70.0-130

Laboratory Control Sample (LCS)

(LCS) R4066210-1 05/03/24 06:54

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.625	0.525	84.0	10.0-160	
Acrylonitrile	0.625	0.587	93.9	45.0-153	
Benzene	0.125	0.113	90.4	70.0-123	
Bromobenzene	0.125	0.130	104	73.0-121	
Bromodichloromethane	0.125	0.112	89.6	73.0-121	

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Laboratory Control Sample (LCS)

(LCS) R4066210-1 05/03/24 06:54

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Bromoform	0.125	0.0965	77.2	64.0-132	
Bromomethane	0.125	0.111	88.8	56.0-147	
n-Butylbenzene	0.125	0.111	88.8	68.0-135	
sec-Butylbenzene	0.125	0.132	106	74.0-130	
tert-Butylbenzene	0.125	0.133	106	75.0-127	
Carbon tetrachloride	0.125	0.104	83.2	66.0-128	
Chlorobenzene	0.125	0.107	85.6	76.0-128	
Chlorodibromomethane	0.125	0.115	92.0	74.0-127	
Chloroethane	0.125	0.110	88.0	61.0-134	
Chloroform	0.125	0.107	85.6	72.0-123	
Chloromethane	0.125	0.118	94.4	51.0-138	
2-Chlorotoluene	0.125	0.126	101	75.0-124	
4-Chlorotoluene	0.125	0.123	98.4	75.0-124	
1,2-Dibromo-3-Chloropropane	0.125	0.104	83.2	59.0-130	
1,2-Dibromoethane	0.125	0.125	100	74.0-128	
Dibromomethane	0.125	0.122	97.6	75.0-122	
1,2-Dichlorobenzene	0.125	0.122	97.6	76.0-124	
1,3-Dichlorobenzene	0.125	0.110	88.0	76.0-125	
1,4-Dichlorobenzene	0.125	0.117	93.6	77.0-121	
Dichlorodifluoromethane	0.125	0.133	106	43.0-156	
1,1-Dichloroethane	0.125	0.113	90.4	70.0-127	
1,2-Dichloroethane	0.125	0.100	80.0	65.0-131	
1,1-Dichloroethene	0.125	0.116	92.8	65.0-131	
cis-1,2-Dichloroethene	0.125	0.112	89.6	73.0-125	
trans-1,2-Dichloroethene	0.125	0.115	92.0	71.0-125	
1,2-Dichloropropane	0.125	0.123	98.4	74.0-125	
1,1-Dichloropropene	0.125	0.118	94.4	73.0-125	
1,3-Dichloropropane	0.125	0.126	101	80.0-125	
cis-1,3-Dichloropropene	0.125	0.120	96.0	76.0-127	
trans-1,3-Dichloropropene	0.125	0.122	97.6	73.0-127	
2,2-Dichloropropane	0.125	0.110	88.0	59.0-135	
Di-isopropyl ether	0.125	0.115	92.0	60.0-136	
Ethylbenzene	0.125	0.110	88.0	74.0-126	
Hexachloro-1,3-butadiene	0.125	0.105	84.0	57.0-150	
Isopropylbenzene	0.125	0.112	89.6	72.0-127	
p-Isopropyltoluene	0.125	0.126	101	72.0-133	
2-Butanone (MEK)	0.625	0.525	84.0	30.0-160	
Methylene Chloride	0.125	0.112	89.6	68.0-123	
4-Methyl-2-pentanone (MIBK)	0.625	0.665	106	56.0-143	
Methyl tert-butyl ether	0.125	0.114	91.2	66.0-132	

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Laboratory Control Sample (LCS)

(LCS) R4066210-1 05/03/24 06:54

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Naphthalene	0.125	0.0835	66.8	59.0-130	
n-Propylbenzene	0.125	0.129	103	74.0-126	
Styrene	0.125	0.111	88.8	72.0-127	
1,1,1,2-Tetrachloroethane	0.125	0.105	84.0	74.0-129	
1,1,2,2-Tetrachloroethane	0.125	0.143	114	68.0-128	
1,1,2-Trichlorotrifluoroethane	0.125	0.116	92.8	61.0-139	
Tetrachloroethene	0.125	0.109	87.2	70.0-136	
Toluene	0.125	0.110	88.0	75.0-121	
1,2,3-Trichlorobenzene	0.125	0.0808	64.6	59.0-139	
1,2,4-Trichlorobenzene	0.125	0.0937	75.0	62.0-137	
1,1,1-Trichloroethane	0.125	0.109	87.2	69.0-126	
1,1,2-Trichloroethane	0.125	0.120	96.0	78.0-123	
Trichloroethene	0.125	0.107	85.6	76.0-126	
Trichlorofluoromethane	0.125	0.116	92.8	61.0-142	
1,2,3-Trichloropropane	0.125	0.137	110	67.0-129	
1,2,4-Trimethylbenzene	0.125	0.121	96.8	70.0-126	
1,2,3-Trimethylbenzene	0.125	0.118	94.4	74.0-124	
1,3,5-Trimethylbenzene	0.125	0.123	98.4	73.0-127	
Vinyl chloride	0.125	0.131	105	63.0-134	
Xylenes, Total	0.375	0.318	84.8	72.0-127	
(S) Toluene-d8			104	75.0-131	
(S) 4-Bromofluorobenzene			97.3	67.0-138	
(S) 1,2-Dichloroethane-d4			92.3	70.0-130	

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4066365-1 05/06/24 19:04

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	U		0.274	4.00
(S) o-Terphenyl	57.5			18.0-148

Laboratory Control Sample (LCS)

(LCS) R4066365-2 05/06/24 19:17

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	32.5	65.0	50.0-150	
(S) o-Terphenyl			54.7	18.0-148	

L1730958-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1730958-03 05/06/24 19:57 • (MS) R4066365-3 05/06/24 20:10 • (MSD) R4066365-4 05/06/24 20:23

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 %
C10-C28 Diesel Range	49.5	ND	28.2	28.7	57.0	57.6	1	50.0-150			1.76	20
(S) o-Terphenyl					49.2	48.9		18.0-148				

1  
Cp

2  
Tc

3  
Ss

4  
Cn

5  
Sr

6  
Qc

7  
Gl

8  
Al

9  
Sc

Method Blank (MB)

(MB) R4066567-2 05/06/24 19:51

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) p-Terphenyl-d14	97.5			23.0-120
(S) Nitrobenzene-d5	83.1			14.0-149
(S) 2-Fluorobiphenyl	93.8			34.0-125

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Laboratory Control Sample (LCS)

(LCS) R4066567-1 05/06/24 19:33

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0713	89.1	50.0-126	
Acenaphthene	0.0800	0.0702	87.8	50.0-120	
Acenaphthylene	0.0800	0.0716	89.5	50.0-120	
Benzo(a)anthracene	0.0800	0.0697	87.1	45.0-120	
Benzo(a)pyrene	0.0800	0.0658	82.3	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0781	97.6	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0716	89.5	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0764	95.5	49.0-125	
Chrysene	0.0800	0.0755	94.4	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0697	87.1	47.0-125	
Fluoranthene	0.0800	0.0769	96.1	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R4066567-1 05/06/24 19:33

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0773	96.6	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0665	83.1	46.0-125	
Naphthalene	0.0800	0.0749	93.6	50.0-120	
Phenanthrene	0.0800	0.0767	95.9	47.0-120	
Pyrene	0.0800	0.0769	96.1	43.0-123	
1-Methylnaphthalene	0.0800	0.0766	95.8	51.0-121	
2-Methylnaphthalene	0.0800	0.0735	91.9	50.0-120	
2-Chloronaphthalene	0.0800	0.0758	94.8	50.0-120	
(S) p-Terphenyl-d14			104	23.0-120	
(S) Nitrobenzene-d5			93.2	14.0-149	
(S) 2-Fluorobiphenyl			99.9	34.0-125	

L1730810-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1730810-11 05/06/24 21:02 • (MS) R4066567-3 05/06/24 21:19 • (MSD) R4066567-4 05/06/24 21:37

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 %
Anthracene	0.0788	ND	0.0703	0.0689	86.0	83.8	1	10.0-145			2.01	30
Acenaphthene	0.0788	ND	0.0677	0.0648	85.9	81.8	1	14.0-127			4.38	27
Acenaphthylene	0.0788	ND	0.0740	0.0699	93.9	88.3	1	21.0-124			5.70	25
Benzo(a)anthracene	0.0788	0.0161	0.0903	0.0831	94.2	84.6	1	10.0-139			8.30	30
Benzo(a)pyrene	0.0788	0.0194	0.0939	0.0820	94.5	79.0	1	10.0-141			13.5	31
Benzo(b)fluoranthene	0.0788	0.0206	0.0953	0.0863	94.8	83.0	1	10.0-140			9.91	36
Benzo(g,h,i)perylene	0.0788	0.0144	0.0877	0.0788	93.0	81.3	1	10.0-140			10.7	33
Benzo(k)fluoranthene	0.0788	0.00680	0.0765	0.0705	88.5	80.4	1	10.0-137			8.16	31
Chrysene	0.0788	0.0205	0.0974	0.0871	97.6	84.1	1	10.0-145			11.2	30
Dibenz(a,h)anthracene	0.0788	ND	0.0696	0.0656	84.8	79.3	1	10.0-132			5.92	31
Fluoranthene	0.0788	0.0201	0.0938	0.0893	93.5	87.4	1	10.0-153			4.92	33
Fluorene	0.0788	ND	0.0741	0.0705	94.0	89.0	1	11.0-130			4.98	29
Indeno(1,2,3-cd)pyrene	0.0788	0.0113	0.0811	0.0718	88.6	76.4	1	10.0-137			12.2	32
Naphthalene	0.0788	ND	0.0708	0.0682	89.8	86.1	1	10.0-135			3.74	27
Phenanthrene	0.0788	0.00804	0.0812	0.0758	92.8	85.6	1	10.0-144			6.88	31
Pyrene	0.0788	0.0297	0.106	0.0960	96.8	83.7	1	10.0-148			9.90	35
1-Methylnaphthalene	0.0788	ND	0.0727	0.0705	92.3	89.0	1	10.0-142			3.07	28
2-Methylnaphthalene	0.0788	ND	0.0690	0.0666	87.6	84.1	1	10.0-137			3.54	28
2-Chloronaphthalene	0.0788	ND	0.0721	0.0685	91.4	86.4	1	29.0-120			5.12	24
(S) p-Terphenyl-d14					98.3	92.4		23.0-120				
(S) Nitrobenzene-d5					93.5	90.9		14.0-149				
(S) 2-Fluorobiphenyl					96.8	87.4		34.0-125				

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc



# 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.

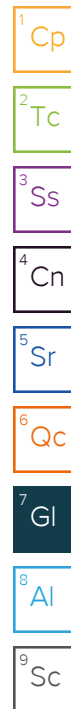
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location.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

## Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	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

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.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
T8	Sample(s) received past/too close to holding time expiration.



# 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 <sup>1</sup>	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina <sup>1</sup>	DW21704
Georgia	NELAP	North Carolina <sup>3</sup>	41
Georgia <sup>1</sup>	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	LA000356
Kentucky <sup>1 6</sup>	KY90010	South Carolina	84004002
Kentucky <sup>2</sup>	16	South Dakota	n/a
Louisiana	AI30792	Tennessee <sup>1 4</sup>	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas <sup>5</sup>	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 <sup>5</sup>	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> 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.



# PO&G Resources - Houston, TX

5487 San Felipe Ste 3200  
Houston, TX 77057

Billing Information:  
Accounts Payable  
5487 San Felipe Ste 3200  
Houston, TX 77057

Pres  
Chk

Report to:  
Rick Eggleston

Email To: rick\_eggleston@pogresources.com

Project Description:

LOWE 1-B SWD

City/State

Collected: E. Colorado

Please Circle:

PT MT CT ET

Phone: 346-220-8355

Client Project #

Lab Project #

POGHTX-BURLINGTON

Collected by (print):

Rick Eggleston

Site/Facility ID #

P.O. #

Collected by (signature):

[Signature]

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

No.  
of  
Cntrs

Immediately

Packed on Ice N Y ☒

Sample ID

Comp/Grab

Matrix \*

Depth

Date

Time

BG-2

GRAB

SS

2ft

4/23/24 12:56

4

X

BG-4

GRAB

SS

4ft

11 12:57

4

X

FL90-4

GRAB

SS

4ft

11 12:48

4

X

WH-2

GRAB

SS

2ft

11 12:50

4

X

WH-4

GRAB

SS

4ft

11 12:52

4

X

SS

SS

SS

SS

SS

SS

SS

SS

\* Matrix:

SS - Soil AIR - Air F - Filter  
GW - Groundwater B - Bioassay  
WW - WasteWater  
DW - Drinking Water  
OT - Other

Remarks:

Samples returned via:

UPS FedEx Courier

Tracking #

Relinquished by: (Signature)

[Signature]

Date:

4/29/24

Time:

12:45 PM

Received by: (Signature)

[Signature]

Trip Blank Received: Yes No

HCL / MeOH  
TBR

Temp: °C Bottles Received:

20

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

[Signature]

Date: Time:

04:30 24 0900

Hold:

Condition:

NCF / OK

Analysis / Container / Preservative

Chain of Custody Page \_\_\_ of \_\_\_



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 # 4730958  
B209

Acctnum: POGHTX

Template: T245449

Prelogin: P1069657

PM: 134 - Mark W. Beasley

PB: 4-16-24 BK

Shipped Via: FedEx Ground

Remarks

Sample # (lab only)

-01

-02

-03

-04

-05

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



8900958

[illegible]

Name

Date \_\_\_\_\_