

**Entrada Consulting Group**

Sample Delivery Group: L1384909  
Samples Received: 07/30/2021  
Project Number: HSC3  
Description: Horseshoe Canyon 3

Report To: Stuart Hall  
240 Mesa Avenue  
Grand Junction, CO 81501

Entire Report Reviewed By:



Chris Ward  
Project Manager

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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

20210729-HSC3-NBG-6"-1415 L1384909-01 Solid

Collected by  
Chance Holder

Collected date/time  
07/29/21 14:15

Received date/time  
07/30/21 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1716307	1	08/05/21 17:10	08/05/21 17:10	KMG	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG1716561	1	08/04/21 14:00	08/04/21 16:00	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG1715779	1	08/05/21 12:58	08/05/21 17:17	AMH	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1717144	2	08/04/21 17:46	08/05/21 02:51	CCE	Mt. Juliet, TN

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

20210729-HSC3-SBG-6"-1430 L1384909-02 Solid

Collected by  
Chance Holder

Collected date/time  
07/29/21 14:30

Received date/time  
07/30/21 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1716307	1	08/05/21 17:12	08/05/21 17:12	KMG	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG1717514	1	08/05/21 15:00	08/05/21 17:00	KAB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG1715779	1	08/05/21 12:58	08/05/21 17:17	AMH	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1717144	1	08/04/21 17:46	08/05/21 02:53	CCE	Mt. Juliet, TN

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

20210729-HSC3-BOT-8'-1340 L1384909-03 Solid

Collected by  
Chance Holder

Collected date/time  
07/29/21 13:40

Received date/time  
07/30/21 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1715989	1	08/05/21 12:52	08/05/21 12:52	KMG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG1718007	1	08/05/21 10:53	08/05/21 17:51	GB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG1717514	1	08/05/21 15:00	08/05/21 17:00	KAB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG1715779	1	08/05/21 12:58	08/05/21 17:17	AMH	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1715063	1	08/04/21 15:11	08/05/21 03:17	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG1715986	1	08/04/21 12:55	08/05/21 19:55	KMG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1715064	5	08/04/21 15:37	08/05/21 14:28	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1716499	200	08/03/21 11:17	08/04/21 12:36	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1719613	2	08/03/21 11:17	08/09/21 14:55	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1720185	40	08/03/21 11:17	08/10/21 04:19	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1718172	1	08/06/21 01:28	08/08/21 03:21	CAG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1718163	1	08/05/21 15:33	08/06/21 01:53	AAT	Mt. Juliet, TN

<sup>9</sup>Sc

20210729-HSC3-NWALL-4'-1345 L1384909-04 Solid

Collected by  
Chance Holder

Collected date/time  
07/29/21 13:45

Received date/time  
07/30/21 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1715989	1	08/05/21 12:55	08/05/21 12:55	KMG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG1718007	1	08/05/21 10:53	08/05/21 18:05	GB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG1717514	1	08/05/21 15:00	08/05/21 17:00	KAB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG1715779	1	08/05/21 12:58	08/05/21 17:17	AMH	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1715063	1	08/04/21 15:11	08/05/21 03:20	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG1715986	1	08/04/21 12:55	08/05/21 20:04	KMG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1715064	5	08/04/21 15:37	08/05/21 14:32	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1716499	1	08/03/21 11:17	08/04/21 09:22	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1716763	1	08/03/21 11:17	08/03/21 22:55	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1718172	1	08/06/21 01:28	08/08/21 01:49	CAG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1718163	1	08/05/21 15:33	08/05/21 23:54	AAT	Mt. Juliet, TN

# SAMPLE SUMMARY

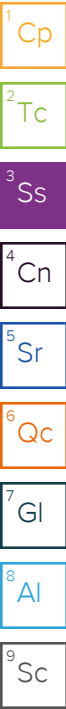
20210729-HSC3-EWALL-4'-1350 L1384909-05 Solid

Collected by  
Chance Holder

Collected date/time  
07/29/21 13:50

Received date/time  
07/30/21 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1715989	1	08/05/21 12:58	08/05/21 12:58	KMG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG1718007	1	08/05/21 10:53	08/05/21 18:51	GB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG1717514	1	08/05/21 15:00	08/05/21 17:00	KAB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG1715779	1	08/05/21 12:58	08/05/21 17:17	AMH	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1715063	1	08/04/21 15:11	08/05/21 03:23	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG1715986	1	08/04/21 12:55	08/05/21 20:07	KMG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1715064	5	08/04/21 15:37	08/05/21 14:36	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1716499	1	08/03/21 11:17	08/04/21 09:44	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1716763	1	08/03/21 11:17	08/03/21 23:14	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1718172	1	08/06/21 01:28	08/08/21 02:15	CAG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1718163	1	08/05/21 15:33	08/06/21 00:13	AAT	Mt. Juliet, TN



20210729-HSC3-SWALL-4'-1355 L1384909-06 Solid

Collected by  
Chance Holder

Collected date/time  
07/29/21 13:55

Received date/time  
07/30/21 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1715989	1	08/05/21 13:01	08/05/21 13:01	KMG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG1718007	1	08/05/21 10:53	08/05/21 18:58	GB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG1717514	1	08/05/21 15:00	08/05/21 17:00	KAB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG1715779	1	08/05/21 12:58	08/05/21 17:17	AMH	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1715063	1	08/04/21 15:11	08/05/21 03:26	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG1715986	1	08/04/21 12:55	08/05/21 20:10	KMG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1715064	5	08/04/21 15:37	08/05/21 14:39	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1718274	25	08/03/21 11:17	08/05/21 23:19	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1719613	1	08/03/21 11:17	08/09/21 15:14	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1720185	1	08/03/21 11:17	08/10/21 03:39	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1718172	1	08/06/21 01:28	08/08/21 02:02	CAG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1718163	1	08/05/21 15:33	08/06/21 00:33	AAT	Mt. Juliet, TN

20210729-HSC3-WWALL-4'-1400 L1384909-07 Solid

Collected by  
Chance Holder

Collected date/time  
07/29/21 14:00

Received date/time  
07/30/21 09:15

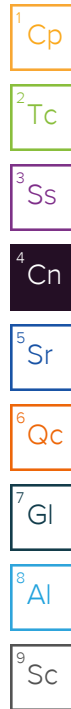
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1715989	1	08/05/21 12:26	08/05/21 12:26	KMG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG1718007	1	08/05/21 10:53	08/05/21 19:05	GB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG1717514	1	08/05/21 15:00	08/05/21 17:00	KAB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG1715779	1	08/05/21 12:58	08/05/21 17:17	AMH	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1715063	1	08/04/21 15:11	08/05/21 03:29	CCE	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG1715986	1	08/04/21 12:55	08/05/21 20:13	KMG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1715064	5	08/04/21 15:37	08/05/21 14:42	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1716499	1	08/03/21 11:17	08/04/21 10:05	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1716763	1	08/03/21 11:17	08/03/21 23:35	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1718172	1	08/06/21 01:28	08/08/21 02:28	CAG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1718163	1	08/05/21 15:33	08/06/21 00:53	AAT	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.



Chris Ward  
Project Manager



## Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.156		1	08/05/2021 17:10	WG1716307

## Wet Chemistry by Method 9045D

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
pH	8.19	<a href="#">T8</a>	1	08/04/2021 16:00	<a href="#">WG1716561</a>

## Sample Narrative:

L1384909-01 WG1716561: 8.19 at 22.8C

## Wet Chemistry by Method 9050AMod

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	297		10.0	1	08/05/2021 17:17	<a href="#">WG1715779</a>

## Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Arsenic	4.30		1.04	4.00	2	08/05/2021 02:51	<a href="#">WG1717144</a>

<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

## Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.119		1	08/05/2021 17:12	WG1716307

## Wet Chemistry by Method 9045D

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
pH	8.22	<a href="#">T8</a>	1	08/05/2021 17:00	<a href="#">WG1717514</a>

## Sample Narrative:

L1384909-02 WG1717514: 8.22 at 23.2C

## Wet Chemistry by Method 9050AMod

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	212		umhos/cm	1	08/05/2021 17:17	<a href="#">WG1715779</a>

## Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Arsenic	3.02		mg/kg	mg/kg	1	08/05/2021 02:53	<a href="#">WG1717144</a>

<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

## Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	14.7		1	08/05/2021 12:52	WG1715989

## Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	U		0.255	1.00	1	08/05/2021 17:51	<a href="#">WG1718007</a>

## Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.09	<a href="#">T8</a>	1	08/05/2021 17:00	<a href="#">WG1717514</a>

## Sample Narrative:

L1384909-03 WG1717514: 8.09 at 23.6C

## Wet Chemistry by Method 9050AMod

Analyte	Result umhos/cm	Qualifier	RDL umhos/cm	Dilution	Analysis date / time	Batch
Specific Conductance	9590		10.0	1	08/05/2021 17:17	<a href="#">WG1715779</a>

## Metals (ICP) by Method 6010B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Barium	152		0.0852	0.500	1	08/05/2021 03:17	<a href="#">WG1715063</a>
Cadmium	0.0916	<a href="#">J</a>	0.0471	0.500	1	08/05/2021 03:17	<a href="#">WG1715063</a>
Copper	5.17		0.400	2.00	1	08/05/2021 03:17	<a href="#">WG1715063</a>
Lead	8.36		0.208	0.500	1	08/05/2021 03:17	<a href="#">WG1715063</a>
Nickel	7.92		0.132	2.00	1	08/05/2021 03:17	<a href="#">WG1715063</a>
Selenium	1.13	<a href="#">J</a>	0.764	2.00	1	08/05/2021 03:17	<a href="#">WG1715063</a>
Silver	U		0.127	1.00	1	08/05/2021 03:17	<a href="#">WG1715063</a>
Zinc	35.1		0.832	5.00	1	08/05/2021 03:17	<a href="#">WG1715063</a>

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.920		0.0167	0.200	1	08/05/2021 19:55	<a href="#">WG1715986</a>

## Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.86		0.100	1.00	5	08/05/2021 14:28	<a href="#">WG1715064</a>

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	232		4.34	20.0	200	08/04/2021 12:36	<a href="#">WG1716499</a>
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		08/04/2021 12:36	<a href="#">WG1716499</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	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.0123		0.000934	0.00200	2	08/09/2021 14:55	<a href="#">WG1719613</a>
Toluene	0.761		0.00260	0.0100	2	08/09/2021 14:55	<a href="#">WG1719613</a>
Ethylbenzene	0.373		0.00147	0.00500	2	08/09/2021 14:55	<a href="#">WG1719613</a>
Xylenes, Total	6.67		0.00176	0.0130	2	08/09/2021 14:55	<a href="#">WG1719613</a>
Naphthalene	1.49		0.00976	0.0250	2	08/09/2021 14:55	<a href="#">WG1719613</a>
1,2,4-Trimethylbenzene	8.67		0.0632	0.200	40	08/10/2021 04:19	<a href="#">WG1720185</a>
1,3,5-Trimethylbenzene	4.04		0.00400	0.0100	2	08/09/2021 14:55	<a href="#">WG1719613</a>
(S) Toluene-d8	96.1			75.0-131		08/09/2021 14:55	<a href="#">WG1719613</a>
(S) Toluene-d8	102			75.0-131		08/10/2021 04:19	<a href="#">WG1720185</a>
(S) 4-Bromofluorobenzene	114			67.0-138		08/09/2021 14:55	<a href="#">WG1719613</a>
(S) 4-Bromofluorobenzene	98.4			67.0-138		08/10/2021 04:19	<a href="#">WG1720185</a>
(S) 1,2-Dichloroethane-d4	74.7			70.0-130		08/09/2021 14:55	<a href="#">WG1719613</a>
(S) 1,2-Dichloroethane-d4	103			70.0-130		08/10/2021 04:19	<a href="#">WG1720185</a>

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	62.6		1.61	4.00	1	08/08/2021 03:21	<a href="#">WG1718172</a>
C28-C36 Motor Oil Range	44.5		0.274	4.00	1	08/08/2021 03:21	<a href="#">WG1718172</a>
(S) o-Terphenyl	59.9			18.0-148		08/08/2021 03:21	<a href="#">WG1718172</a>

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00230	0.00600	1	08/06/2021 01:53	<a href="#">WG1718163</a>
Acenaphthene	U		0.00209	0.00600	1	08/06/2021 01:53	<a href="#">WG1718163</a>
Acenaphthylene	U		0.00216	0.00600	1	08/06/2021 01:53	<a href="#">WG1718163</a>
Benzo(a)anthracene	U		0.00173	0.00600	1	08/06/2021 01:53	<a href="#">WG1718163</a>
Benzo(a)pyrene	U		0.00179	0.00600	1	08/06/2021 01:53	<a href="#">WG1718163</a>
Benzo(b)fluoranthene	U		0.00153	0.00600	1	08/06/2021 01:53	<a href="#">WG1718163</a>
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	08/06/2021 01:53	<a href="#">WG1718163</a>
Benzo(k)fluoranthene	U		0.00215	0.00600	1	08/06/2021 01:53	<a href="#">WG1718163</a>
Chrysene	U		0.00232	0.00600	1	08/06/2021 01:53	<a href="#">WG1718163</a>
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	08/06/2021 01:53	<a href="#">WG1718163</a>
Fluoranthene	U		0.00227	0.00600	1	08/06/2021 01:53	<a href="#">WG1718163</a>
Fluorene	U		0.00205	0.00600	1	08/06/2021 01:53	<a href="#">WG1718163</a>
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	08/06/2021 01:53	<a href="#">WG1718163</a>
Naphthalene	U		0.00408	0.0200	1	08/06/2021 01:53	<a href="#">WG1718163</a>
Phenanthrene	U		0.00231	0.00600	1	08/06/2021 01:53	<a href="#">WG1718163</a>
Pyrene	U		0.00200	0.00600	1	08/06/2021 01:53	<a href="#">WG1718163</a>
1-Methylnaphthalene	U		0.00449	0.0200	1	08/06/2021 01:53	<a href="#">WG1718163</a>
2-Methylnaphthalene	U		0.00427	0.0200	1	08/06/2021 01:53	<a href="#">WG1718163</a>
2-Chloronaphthalene	U		0.00466	0.0200	1	08/06/2021 01:53	<a href="#">WG1718163</a>
(S) p-Terphenyl-d14	69.2			23.0-120		08/06/2021 01:53	<a href="#">WG1718163</a>
(S) Nitrobenzene-d5	50.8			14.0-149		08/06/2021 01:53	<a href="#">WG1718163</a>
(S) 2-Fluorobiphenyl	57.3			34.0-125		08/06/2021 01:53	<a href="#">WG1718163</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	25.6		1	08/05/2021 12:55	WG1715989

## Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	U		0.255	1.00	1	08/05/2021 18:05	<a href="#">WG1718007</a>

## Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.22	<a href="#">T8</a>	1	08/05/2021 17:00	<a href="#">WG1717514</a>

## Sample Narrative:

L1384909-04 WG1717514: 8.22 at 23.2C

## Wet Chemistry by Method 9050AMod

Analyte	Result umhos/cm	Qualifier	RDL umhos/cm	Dilution	Analysis date / time	Batch
Specific Conductance	9400		10.0	1	08/05/2021 17:17	<a href="#">WG1715779</a>

## Metals (ICP) by Method 6010B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Barium	83.2		0.0852	0.500	1	08/05/2021 03:20	<a href="#">WG1715063</a>
Cadmium	0.0774	<a href="#">J</a>	0.0471	0.500	1	08/05/2021 03:20	<a href="#">WG1715063</a>
Copper	3.25		0.400	2.00	1	08/05/2021 03:20	<a href="#">WG1715063</a>
Lead	5.96		0.208	0.500	1	08/05/2021 03:20	<a href="#">WG1715063</a>
Nickel	2.99		0.132	2.00	1	08/05/2021 03:20	<a href="#">WG1715063</a>
Selenium	U		0.764	2.00	1	08/05/2021 03:20	<a href="#">WG1715063</a>
Silver	U		0.127	1.00	1	08/05/2021 03:20	<a href="#">WG1715063</a>
Zinc	11.6	<a href="#">B</a>	0.832	5.00	1	08/05/2021 03:20	<a href="#">WG1715063</a>

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.547		0.0167	0.200	1	08/05/2021 20:04	<a href="#">WG1715986</a>

## Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.48		0.100	1.00	5	08/05/2021 14:32	<a href="#">WG1715064</a>

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0624	<a href="#">J</a>	0.0217	0.100	1	08/04/2021 09:22	<a href="#">WG1716499</a>
(S) a,a,a-Trifluorotoluene(FID)	107			77.0-120		08/04/2021 09:22	<a href="#">WG1716499</a>



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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000467	0.00100	1	08/03/2021 22:55	<a href="#">WG1716763</a>
Toluene	U		0.00130	0.00500	1	08/03/2021 22:55	<a href="#">WG1716763</a>
Ethylbenzene	U		0.000737	0.00250	1	08/03/2021 22:55	<a href="#">WG1716763</a>
Xylenes, Total	0.00168	U	0.000880	0.00650	1	08/03/2021 22:55	<a href="#">WG1716763</a>
Naphthalene	0.0244		0.00488	0.0125	1	08/03/2021 22:55	<a href="#">WG1716763</a>
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	08/03/2021 22:55	<a href="#">WG1716763</a>
1,3,5-Trimethylbenzene	0.00593		0.00200	0.00500	1	08/03/2021 22:55	<a href="#">WG1716763</a>
(S) Toluene-d8	102			75.0-131		08/03/2021 22:55	<a href="#">WG1716763</a>
(S) 4-Bromofluorobenzene	91.1			67.0-138		08/03/2021 22:55	<a href="#">WG1716763</a>
(S) 1,2-Dichloroethane-d4	99.9			70.0-130		08/03/2021 22:55	<a href="#">WG1716763</a>

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	4.02		1.61	4.00	1	08/08/2021 01:49	<a href="#">WG1718172</a>
C28-C36 Motor Oil Range	0.314	U	0.274	4.00	1	08/08/2021 01:49	<a href="#">WG1718172</a>
(S) o-Terphenyl	52.6			18.0-148		08/08/2021 01:49	<a href="#">WG1718172</a>

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00230	0.00600	1	08/05/2021 23:54	<a href="#">WG1718163</a>
Acenaphthene	U		0.00209	0.00600	1	08/05/2021 23:54	<a href="#">WG1718163</a>
Acenaphthylene	U		0.00216	0.00600	1	08/05/2021 23:54	<a href="#">WG1718163</a>
Benzo(a)anthracene	U		0.00173	0.00600	1	08/05/2021 23:54	<a href="#">WG1718163</a>
Benzo(a)pyrene	U		0.00179	0.00600	1	08/05/2021 23:54	<a href="#">WG1718163</a>
Benzo(b)fluoranthene	U		0.00153	0.00600	1	08/05/2021 23:54	<a href="#">WG1718163</a>
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	08/05/2021 23:54	<a href="#">WG1718163</a>
Benzo(k)fluoranthene	U		0.00215	0.00600	1	08/05/2021 23:54	<a href="#">WG1718163</a>
Chrysene	U		0.00232	0.00600	1	08/05/2021 23:54	<a href="#">WG1718163</a>
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	08/05/2021 23:54	<a href="#">WG1718163</a>
Fluoranthene	U		0.00227	0.00600	1	08/05/2021 23:54	<a href="#">WG1718163</a>
Fluorene	0.00448	U	0.00205	0.00600	1	08/05/2021 23:54	<a href="#">WG1718163</a>
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	08/05/2021 23:54	<a href="#">WG1718163</a>
Naphthalene	0.0185	U	0.00408	0.0200	1	08/05/2021 23:54	<a href="#">WG1718163</a>
Phenanthrene	0.00398	U	0.00231	0.00600	1	08/05/2021 23:54	<a href="#">WG1718163</a>
Pyrene	U		0.00200	0.00600	1	08/05/2021 23:54	<a href="#">WG1718163</a>
1-Methylnaphthalene	0.0303		0.00449	0.0200	1	08/05/2021 23:54	<a href="#">WG1718163</a>
2-Methylnaphthalene	0.0426		0.00427	0.0200	1	08/05/2021 23:54	<a href="#">WG1718163</a>
2-Chloronaphthalene	U		0.00466	0.0200	1	08/05/2021 23:54	<a href="#">WG1718163</a>
(S) p-Terphenyl-d14	94.9			23.0-120		08/05/2021 23:54	<a href="#">WG1718163</a>
(S) Nitrobenzene-d5	58.9			14.0-149		08/05/2021 23:54	<a href="#">WG1718163</a>
(S) 2-Fluorobiphenyl	66.4			34.0-125		08/05/2021 23:54	<a href="#">WG1718163</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	37.3		1	08/05/2021 12:58	WG1715989

## Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	U		0.255	1.00	1	08/05/2021 18:51	<a href="#">WG1718007</a>

## Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.86	<a href="#">T8</a>	1	08/05/2021 17:00	<a href="#">WG1717514</a>

## Sample Narrative:

L1384909-05 WG1717514: 8.86 at 23.4C

## Wet Chemistry by Method 9050AMod

Analyte	Result umhos/cm	Qualifier	RDL umhos/cm	Dilution	Analysis date / time	Batch
Specific Conductance	610		10.0	1	08/05/2021 17:17	<a href="#">WG1715779</a>

## Metals (ICP) by Method 6010B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Barium	210		0.0852	0.500	1	08/05/2021 03:23	<a href="#">WG1715063</a>
Cadmium	0.116	<a href="#">J</a>	0.0471	0.500	1	08/05/2021 03:23	<a href="#">WG1715063</a>
Copper	6.02		0.400	2.00	1	08/05/2021 03:23	<a href="#">WG1715063</a>
Lead	9.45		0.208	0.500	1	08/05/2021 03:23	<a href="#">WG1715063</a>
Nickel	8.97		0.132	2.00	1	08/05/2021 03:23	<a href="#">WG1715063</a>
Selenium	0.978	<a href="#">J</a>	0.764	2.00	1	08/05/2021 03:23	<a href="#">WG1715063</a>
Silver	U		0.127	1.00	1	08/05/2021 03:23	<a href="#">WG1715063</a>
Zinc	35.8		0.832	5.00	1	08/05/2021 03:23	<a href="#">WG1715063</a>

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.500		0.0167	0.200	1	08/05/2021 20:07	<a href="#">WG1715986</a>

## Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.84		0.100	1.00	5	08/05/2021 14:36	<a href="#">WG1715064</a>

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	1.93		0.0217	0.100	1	08/04/2021 09:44	<a href="#">WG1716499</a>
(S) a,a,a-Trifluorotoluene(FID)	101			77.0-120		08/04/2021 09:44	<a href="#">WG1716499</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	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000467	0.00100	1	08/03/2021 23:14	<a href="#">WG1716763</a>
Toluene	0.00188	<u>J</u>	0.00130	0.00500	1	08/03/2021 23:14	<a href="#">WG1716763</a>
Ethylbenzene	U		0.000737	0.00250	1	08/03/2021 23:14	<a href="#">WG1716763</a>
Xylenes, Total	0.0405		0.000880	0.00650	1	08/03/2021 23:14	<a href="#">WG1716763</a>
Naphthalene	0.0407		0.00488	0.0125	1	08/03/2021 23:14	<a href="#">WG1716763</a>
1,2,4-Trimethylbenzene	0.0881		0.00158	0.00500	1	08/03/2021 23:14	<a href="#">WG1716763</a>
1,3,5-Trimethylbenzene	0.0627		0.00200	0.00500	1	08/03/2021 23:14	<a href="#">WG1716763</a>
(S) Toluene-d8	105			75.0-131		08/03/2021 23:14	<a href="#">WG1716763</a>
(S) 4-Bromofluorobenzene	92.7			67.0-138		08/03/2021 23:14	<a href="#">WG1716763</a>
(S) 1,2-Dichloroethane-d4	91.7			70.0-130		08/03/2021 23:14	<a href="#">WG1716763</a>

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	17.0		1.61	4.00	1	08/08/2021 02:15	<a href="#">WG1718172</a>
C28-C36 Motor Oil Range	10.5		0.274	4.00	1	08/08/2021 02:15	<a href="#">WG1718172</a>
(S) o-Terphenyl	60.7			18.0-148		08/08/2021 02:15	<a href="#">WG1718172</a>

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00230	0.00600	1	08/06/2021 00:13	<a href="#">WG1718163</a>
Acenaphthene	U		0.00209	0.00600	1	08/06/2021 00:13	<a href="#">WG1718163</a>
Acenaphthylene	U		0.00216	0.00600	1	08/06/2021 00:13	<a href="#">WG1718163</a>
Benzo(a)anthracene	U		0.00173	0.00600	1	08/06/2021 00:13	<a href="#">WG1718163</a>
Benzo(a)pyrene	U		0.00179	0.00600	1	08/06/2021 00:13	<a href="#">WG1718163</a>
Benzo(b)fluoranthene	U		0.00153	0.00600	1	08/06/2021 00:13	<a href="#">WG1718163</a>
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	08/06/2021 00:13	<a href="#">WG1718163</a>
Benzo(k)fluoranthene	U		0.00215	0.00600	1	08/06/2021 00:13	<a href="#">WG1718163</a>
Chrysene	U		0.00232	0.00600	1	08/06/2021 00:13	<a href="#">WG1718163</a>
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	08/06/2021 00:13	<a href="#">WG1718163</a>
Fluoranthene	U		0.00227	0.00600	1	08/06/2021 00:13	<a href="#">WG1718163</a>
Fluorene	U		0.00205	0.00600	1	08/06/2021 00:13	<a href="#">WG1718163</a>
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	08/06/2021 00:13	<a href="#">WG1718163</a>
Naphthalene	0.0558		0.00408	0.0200	1	08/06/2021 00:13	<a href="#">WG1718163</a>
Phenanthrene	U		0.00231	0.00600	1	08/06/2021 00:13	<a href="#">WG1718163</a>
Pyrene	U		0.00200	0.00600	1	08/06/2021 00:13	<a href="#">WG1718163</a>
1-Methylnaphthalene	0.0237		0.00449	0.0200	1	08/06/2021 00:13	<a href="#">WG1718163</a>
2-Methylnaphthalene	0.0350		0.00427	0.0200	1	08/06/2021 00:13	<a href="#">WG1718163</a>
2-Chloronaphthalene	U		0.00466	0.0200	1	08/06/2021 00:13	<a href="#">WG1718163</a>
(S) p-Terphenyl-d14	82.8			23.0-120		08/06/2021 00:13	<a href="#">WG1718163</a>
(S) Nitrobenzene-d5	65.8			14.0-149		08/06/2021 00:13	<a href="#">WG1718163</a>
(S) 2-Fluorobiphenyl	60.5			34.0-125		08/06/2021 00:13	<a href="#">WG1718163</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	15.7		1	08/05/2021 13:01	WG1715989

## Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	U		0.255	1.00	1	08/05/2021 18:58	<a href="#">WG1718007</a>

## Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.57	<a href="#">T8</a>	1	08/05/2021 17:00	<a href="#">WG1717514</a>

## Sample Narrative:

L1384909-06 WG1717514: 8.57 at 23.6C

## Wet Chemistry by Method 9050AMod

Analyte	Result umhos/cm	Qualifier	RDL umhos/cm	Dilution	Analysis date / time	Batch
Specific Conductance	3430		10.0	1	08/05/2021 17:17	<a href="#">WG1715779</a>

## Metals (ICP) by Method 6010B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Barium	221		0.0852	0.500	1	08/05/2021 03:26	<a href="#">WG1715063</a>
Cadmium	0.194	<a href="#">J</a>	0.0471	0.500	1	08/05/2021 03:26	<a href="#">WG1715063</a>
Copper	8.16		0.400	2.00	1	08/05/2021 03:26	<a href="#">WG1715063</a>
Lead	9.18		0.208	0.500	1	08/05/2021 03:26	<a href="#">WG1715063</a>
Nickel	12.5		0.132	2.00	1	08/05/2021 03:26	<a href="#">WG1715063</a>
Selenium	U		0.764	2.00	1	08/05/2021 03:26	<a href="#">WG1715063</a>
Silver	U		0.127	1.00	1	08/05/2021 03:26	<a href="#">WG1715063</a>
Zinc	34.0		0.832	5.00	1	08/05/2021 03:26	<a href="#">WG1715063</a>

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.980		0.0167	0.200	1	08/05/2021 20:10	<a href="#">WG1715986</a>

## Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.68		0.100	1.00	5	08/05/2021 14:39	<a href="#">WG1715064</a>

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	2.35	<a href="#">J</a>	0.543	2.50	25	08/05/2021 23:19	<a href="#">WG1718274</a>
(S) a,a,a-Trifluorotoluene(FID)	113			77.0-120		08/05/2021 23:19	<a href="#">WG1718274</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	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000925	UL	0.000467	0.00100	1	08/09/2021 15:14	<a href="#">WG1719613</a>
Toluene	0.00360	UL	0.00130	0.00500	1	08/09/2021 15:14	<a href="#">WG1719613</a>
Ethylbenzene	0.00175	UL	0.000737	0.00250	1	08/09/2021 15:14	<a href="#">WG1719613</a>
Xylenes, Total	0.0273		0.000880	0.00650	1	08/09/2021 15:14	<a href="#">WG1719613</a>
Naphthalene	0.0405		0.00488	0.0125	1	08/09/2021 15:14	<a href="#">WG1719613</a>
1,2,4-Trimethylbenzene	0.0515		0.00158	0.00500	1	08/10/2021 03:39	<a href="#">WG1720185</a>
1,3,5-Trimethylbenzene	0.0439		0.00200	0.00500	1	08/09/2021 15:14	<a href="#">WG1719613</a>
(S) Toluene-d8	105			75.0-131		08/09/2021 15:14	<a href="#">WG1719613</a>
(S) Toluene-d8	105			75.0-131		08/10/2021 03:39	<a href="#">WG1720185</a>
(S) 4-Bromofluorobenzene	102			67.0-138		08/09/2021 15:14	<a href="#">WG1719613</a>
(S) 4-Bromofluorobenzene	93.8			67.0-138		08/10/2021 03:39	<a href="#">WG1720185</a>
(S) 1,2-Dichloroethane-d4	70.5			70.0-130		08/09/2021 15:14	<a href="#">WG1719613</a>
(S) 1,2-Dichloroethane-d4	93.1			70.0-130		08/10/2021 03:39	<a href="#">WG1720185</a>

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	2.83	UL	1.61	4.00	1	08/08/2021 02:02	<a href="#">WG1718172</a>
C28-C36 Motor Oil Range	0.294	UL	0.274	4.00	1	08/08/2021 02:02	<a href="#">WG1718172</a>
(S) o-Terphenyl	59.8			18.0-148		08/08/2021 02:02	<a href="#">WG1718172</a>

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00230	0.00600	1	08/06/2021 00:33	<a href="#">WG1718163</a>
Acenaphthene	U		0.00209	0.00600	1	08/06/2021 00:33	<a href="#">WG1718163</a>
Acenaphthylene	U		0.00216	0.00600	1	08/06/2021 00:33	<a href="#">WG1718163</a>
Benzo(a)anthracene	U		0.00173	0.00600	1	08/06/2021 00:33	<a href="#">WG1718163</a>
Benzo(a)pyrene	U		0.00179	0.00600	1	08/06/2021 00:33	<a href="#">WG1718163</a>
Benzo(b)fluoranthene	U		0.00153	0.00600	1	08/06/2021 00:33	<a href="#">WG1718163</a>
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	08/06/2021 00:33	<a href="#">WG1718163</a>
Benzo(k)fluoranthene	U		0.00215	0.00600	1	08/06/2021 00:33	<a href="#">WG1718163</a>
Chrysene	U		0.00232	0.00600	1	08/06/2021 00:33	<a href="#">WG1718163</a>
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	08/06/2021 00:33	<a href="#">WG1718163</a>
Fluoranthene	U		0.00227	0.00600	1	08/06/2021 00:33	<a href="#">WG1718163</a>
Fluorene	U		0.00205	0.00600	1	08/06/2021 00:33	<a href="#">WG1718163</a>
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	08/06/2021 00:33	<a href="#">WG1718163</a>
Naphthalene	0.0122	UL	0.00408	0.0200	1	08/06/2021 00:33	<a href="#">WG1718163</a>
Phenanthrene	U		0.00231	0.00600	1	08/06/2021 00:33	<a href="#">WG1718163</a>
Pyrene	U		0.00200	0.00600	1	08/06/2021 00:33	<a href="#">WG1718163</a>
1-Methylnaphthalene	0.0171	UL	0.00449	0.0200	1	08/06/2021 00:33	<a href="#">WG1718163</a>
2-Methylnaphthalene	0.0237		0.00427	0.0200	1	08/06/2021 00:33	<a href="#">WG1718163</a>
2-Chloronaphthalene	U		0.00466	0.0200	1	08/06/2021 00:33	<a href="#">WG1718163</a>
(S) p-Terphenyl-d14	90.2			23.0-120		08/06/2021 00:33	<a href="#">WG1718163</a>
(S) Nitrobenzene-d5	55.5			14.0-149		08/06/2021 00:33	<a href="#">WG1718163</a>
(S) 2-Fluorobiphenyl	63.1			34.0-125		08/06/2021 00:33	<a href="#">WG1718163</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	5.85		1	08/05/2021 12:26	WG1715989

## Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	U		0.255	1.00	1	08/05/2021 19:05	<a href="#">WG1718007</a>

## Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.35	<a href="#">T8</a>	1	08/05/2021 17:00	<a href="#">WG1717514</a>

## Sample Narrative:

L1384909-07 WG1717514: 8.35 at 23C

## Wet Chemistry by Method 9050AMod

Analyte	Result umhos/cm	Qualifier	RDL umhos/cm	Dilution	Analysis date / time	Batch
Specific Conductance	1620		10.0	1	08/05/2021 17:17	<a href="#">WG1715779</a>

## Metals (ICP) by Method 6010B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Barium	247		0.0852	0.500	1	08/05/2021 03:29	<a href="#">WG1715063</a>
Cadmium	0.0664	<a href="#">J</a>	0.0471	0.500	1	08/05/2021 03:29	<a href="#">WG1715063</a>
Copper	6.47		0.400	2.00	1	08/05/2021 03:29	<a href="#">WG1715063</a>
Lead	9.95		0.208	0.500	1	08/05/2021 03:29	<a href="#">WG1715063</a>
Nickel	9.77		0.132	2.00	1	08/05/2021 03:29	<a href="#">WG1715063</a>
Selenium	U		0.764	2.00	1	08/05/2021 03:29	<a href="#">WG1715063</a>
Silver	U		0.127	1.00	1	08/05/2021 03:29	<a href="#">WG1715063</a>
Zinc	31.0		0.832	5.00	1	08/05/2021 03:29	<a href="#">WG1715063</a>

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

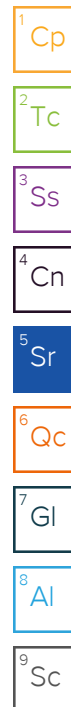
Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.566		0.0167	0.200	1	08/05/2021 20:13	<a href="#">WG1715986</a>

## Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.27		0.100	1.00	5	08/05/2021 14:42	<a href="#">WG1715064</a>

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.501		0.0217	0.100	1	08/04/2021 10:05	<a href="#">WG1716499</a>
(S) a,a,a-Trifluorotoluene(FID)	102			77.0-120		08/04/2021 10:05	<a href="#">WG1716499</a>





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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000467	0.00100	1	08/03/2021 23:35	<a href="#">WG1716763</a>
Toluene	0.00197	U	0.00130	0.00500	1	08/03/2021 23:35	<a href="#">WG1716763</a>
Ethylbenzene	U		0.000737	0.00250	1	08/03/2021 23:35	<a href="#">WG1716763</a>
Xylenes, Total	0.0200		0.000880	0.00650	1	08/03/2021 23:35	<a href="#">WG1716763</a>
Naphthalene	0.00715	U	0.00488	0.0125	1	08/03/2021 23:35	<a href="#">WG1716763</a>
1,2,4-Trimethylbenzene	0.0157		0.00158	0.00500	1	08/03/2021 23:35	<a href="#">WG1716763</a>
1,3,5-Trimethylbenzene	0.0523		0.00200	0.00500	1	08/03/2021 23:35	<a href="#">WG1716763</a>
(S) Toluene-d8	107			75.0-131		08/03/2021 23:35	<a href="#">WG1716763</a>
(S) 4-Bromofluorobenzene	96.1			67.0-138		08/03/2021 23:35	<a href="#">WG1716763</a>
(S) 1,2-Dichloroethane-d4	101			70.0-130		08/03/2021 23:35	<a href="#">WG1716763</a>

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	28.7		1.61	4.00	1	08/08/2021 02:28	<a href="#">WG1718172</a>
C28-C36 Motor Oil Range	15.0		0.274	4.00	1	08/08/2021 02:28	<a href="#">WG1718172</a>
(S) o-Terphenyl	61.3			18.0-148		08/08/2021 02:28	<a href="#">WG1718172</a>

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00230	0.00600	1	08/06/2021 00:53	<a href="#">WG1718163</a>
Acenaphthene	U		0.00209	0.00600	1	08/06/2021 00:53	<a href="#">WG1718163</a>
Acenaphthylene	U		0.00216	0.00600	1	08/06/2021 00:53	<a href="#">WG1718163</a>
Benzo(a)anthracene	U		0.00173	0.00600	1	08/06/2021 00:53	<a href="#">WG1718163</a>
Benzo(a)pyrene	U		0.00179	0.00600	1	08/06/2021 00:53	<a href="#">WG1718163</a>
Benzo(b)fluoranthene	U		0.00153	0.00600	1	08/06/2021 00:53	<a href="#">WG1718163</a>
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	08/06/2021 00:53	<a href="#">WG1718163</a>
Benzo(k)fluoranthene	U		0.00215	0.00600	1	08/06/2021 00:53	<a href="#">WG1718163</a>
Chrysene	U		0.00232	0.00600	1	08/06/2021 00:53	<a href="#">WG1718163</a>
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	08/06/2021 00:53	<a href="#">WG1718163</a>
Fluoranthene	U		0.00227	0.00600	1	08/06/2021 00:53	<a href="#">WG1718163</a>
Fluorene	U		0.00205	0.00600	1	08/06/2021 00:53	<a href="#">WG1718163</a>
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	08/06/2021 00:53	<a href="#">WG1718163</a>
Naphthalene	0.0178	U	0.00408	0.0200	1	08/06/2021 00:53	<a href="#">WG1718163</a>
Phenanthrene	U		0.00231	0.00600	1	08/06/2021 00:53	<a href="#">WG1718163</a>
Pyrene	U		0.00200	0.00600	1	08/06/2021 00:53	<a href="#">WG1718163</a>
1-Methylnaphthalene	0.0320		0.00449	0.0200	1	08/06/2021 00:53	<a href="#">WG1718163</a>
2-Methylnaphthalene	0.0497		0.00427	0.0200	1	08/06/2021 00:53	<a href="#">WG1718163</a>
2-Chloronaphthalene	U		0.00466	0.0200	1	08/06/2021 00:53	<a href="#">WG1718163</a>
(S) p-Terphenyl-d14	81.2			23.0-120		08/06/2021 00:53	<a href="#">WG1718163</a>
(S) Nitrobenzene-d5	51.0			14.0-149		08/06/2021 00:53	<a href="#">WG1718163</a>
(S) 2-Fluorobiphenyl	58.5			34.0-125		08/06/2021 00:53	<a href="#">WG1718163</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3688903-1 08/05/21 17:31

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

L1384909-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1384909-03 08/05/21 17:51 • (DUP) R3688903-3 08/05/21 17:58

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

L1386341-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1386341-05 08/05/21 20:25 • (DUP) R3688903-8 08/05/21 20:32

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Hexavalent Chromium	0.280	0.272	1	2.87	⬇	20

Laboratory Control Sample (LCS)

(LCS) R3688903-2 08/05/21 17:38

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
Hexavalent Chromium	10.0	9.25	92.5	80.0-120	

L1384909-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1384909-04 08/05/21 18:05 • (MS) R3688903-4 08/05/21 18:11 • (MSD) R3688903-5 08/05/21 18:18

	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	U	19.2	19.2	95.9	96.0	1	75.0-125			0.128	20

L1384909-04 Original Sample (OS) • Matrix Spike (MS)

(OS) L1384909-04 08/05/21 18:05 • (MS) R3688903-6 08/05/21 18:25

	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	mg/kg	mg/kg	mg/kg	%		%	
Hexavalent Chromium	638	U	659	103	50	75.0-125	



L1384832-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1384832-04 08/04/21 16:00 • (DUP) R3687864-2 08/04/21 16:00

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	su	su		%		%
pH	7.85	7.90	1	0.635		1

Sample Narrative:

OS: 7.85 at 23.1C

DUP: 7.9 at 22.8C

<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

L1384865-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1384865-01 08/04/21 16:00 • (DUP) R3687864-3 08/04/21 16:00

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	su	su		%		%
pH	8.33	8.37	1	0.479		1

Sample Narrative:

OS: 8.33 at 21.8C

DUP: 8.37 at 21.7C

Laboratory Control Sample (LCS)

(LCS) R3687864-1 08/04/21 16:00

	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: 10.02 at 20.7C

L1385770-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1385770-03 08/05/21 17:00 • (DUP) R3688470-3 08/05/21 17:00

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	su	su		%		%
pH	8.09	8.12	1	0.370		1

Sample Narrative:

OS: 8.09 at 22.3C

DUP: 8.12 at 22.6C

Laboratory Control Sample (LCS)

(LCS) R3688470-1 08/05/21 17:00

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

Sample Narrative:

LCS: 10.03 at 21.8C

<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) R3688471-1 08/05/21 17:17

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

L1384909-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1384909-07 08/05/21 17:17 • (DUP) R3688471-3 08/05/21 17:17

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	1620	1500	1	7.55		20

L1385755-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1385755-04 08/05/21 17:17 • (DUP) R3688471-4 08/05/21 17:17

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	212	202	1	4.49		20

Laboratory Control Sample (LCS)

(LCS) R3688471-2 08/05/21 17:17

Analyte	Spike Amount umhos/cm	LCS Result umhos/cm	LCS Rec. %	Rec. Limits %	LCS Qualifier
Specific Conductance	899	908	101	85.0-115	

<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) R3688030-1 08/05/21 02:06

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Barium	U		0.0852	0.500
Cadmium	U		0.0471	0.500
Copper	U		0.400	2.00
Lead	U		0.208	0.500
Nickel	U		0.132	2.00
Selenium	U		0.764	2.00
Silver	U		0.127	1.00
Zinc	1.33	J	0.832	5.00

<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) R3688030-2 08/05/21 02:08

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Barium	100	96.1	96.1	80.0-120	
Cadmium	100	93.6	93.6	80.0-120	
Copper	100	95.4	95.4	80.0-120	
Lead	100	97.9	97.9	80.0-120	
Nickel	100	99.7	99.7	80.0-120	
Selenium	100	95.4	95.4	80.0-120	
Silver	20.0	18.2	91.1	80.0-120	
Zinc	100	98.3	98.3	80.0-120	

L1383262-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1383262-01 08/05/21 02:12 • (MS) R3688030-5 08/05/21 02:20 • (MSD) R3688030-6 08/05/21 02:23

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 %
Barium	99.9	97.5	138	182	40.7	84.5	1	75.0-125	J6	J3	27.3	20
Cadmium	99.9	0.472	94.6	95.0	94.2	94.6	1	75.0-125			0.427	20
Copper	99.9	44.7	110	121	65.5	76.1	1	75.0-125	J6		9.18	20
Lead	99.9	215	114	528	0.000	313	1	75.0-125	J6	J3 J5	129	20
Nickel	99.9	20.8	123	118	102	97.6	1	75.0-125			3.95	20
Selenium	99.9	0.935	96.8	96.7	95.9	95.7	1	75.0-125			0.187	20
Silver	20.0	U	18.5	18.4	92.3	92.2	1	75.0-125			0.111	20
Zinc	99.9	143	144	159	0.371	15.6	1	75.0-125	J6	J6	10.1	20

Method Blank (MB)

(MB) R3688145-1 08/05/21 01:45

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Arsenic	U		0.518	2.00

Laboratory Control Sample (LCS)

(LCS) R3688145-2 08/05/21 01:47

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
Arsenic	100	95.5	95.5	80.0-120	

L1384943-22 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1384943-22 08/05/21 01:50 • (MS) R3688145-5 08/05/21 01:58 • (MSD) R3688145-6 08/05/21 02:00

	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	%	%		%			%	%
Arsenic	100	5.24	90.6	102	85.4	96.3	1	75.0-125			11.4	20

1  
Cp

2  
Tc

3  
Ss

4  
Cn

5  
Sr

6  
Qc

7  
Gl

8  
Al

9  
Sc

Method Blank (MB)

(MB) R3688552-1 08/05/21 19:28

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) R3688552-2 08/05/21 19:31 • (LCSD) R3688552-3 08/05/21 19:33

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	1.01	1.01	101	101	80.0-120			0.718	20

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc



Method Blank (MB)

(MB) R3688248-1 08/05/21 12:06

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Arsenic	U		0.100	1.00

Laboratory Control Sample (LCS)

(LCS) R3688248-2 08/05/21 12:09

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
Arsenic	100	95.0	95.0	80.0-120	

L1383262-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1383262-01 08/05/21 12:12 • (MS) R3688248-5 08/05/21 12:22 • (MSD) R3688248-6 08/05/21 12:26

	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	%	%		%			%	%
Arsenic	99.9	11.9	103	103	91.6	90.9	5	75.0-125			0.655	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3688359-3 08/04/21 04:01

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	110			77.0-120

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

(LCS) R3688359-1 08/04/21 02:57 • (LCSD) R3688359-2 08/04/21 03:18

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 %
TPH (GC/FID) Low Fraction	5.50	5.91	5.97	107	109	72.0-127			1.01	20
(S) a,a,a-Trifluorotoluene(FID)				99.4	99.3	77.0-120				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3690002-3 08/05/21 16:53

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	111			77.0-120

Laboratory Control Sample (LCS)

(LCS) R3690002-2 08/05/21 15:49

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	5.99	109	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			98.8	77.0-120	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3689350-3 08/03/21 22:34

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000467	0.00100
Ethylbenzene	U		0.000737	0.00250
Naphthalene	U		0.00488	0.0125
Toluene	U		0.00130	0.00500
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	106			75.0-131
(S) 4-Bromofluorobenzene	88.8			67.0-138
(S) 1,2-Dichloroethane-d4	94.6			70.0-130

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

(LCS) R3689350-1 08/03/21 21:13 • (LCSD) R3689350-2 08/03/21 21:34

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 %
Benzene	0.125	0.133	0.131	106	105	70.0-123			1.52	20
Ethylbenzene	0.125	0.125	0.117	100	93.6	74.0-126			6.61	20
Naphthalene	0.125	0.113	0.112	90.4	89.6	59.0-130			0.889	20
Toluene	0.125	0.134	0.126	107	101	75.0-121			6.15	20
1,2,4-Trimethylbenzene	0.125	0.122	0.119	97.6	95.2	70.0-126			2.49	20
1,3,5-Trimethylbenzene	0.125	0.122	0.119	97.6	95.2	73.0-127			2.49	20
Xylenes, Total	0.375	0.366	0.353	97.6	94.1	72.0-127			3.62	20
(S) Toluene-d8				102	99.8	75.0-131				
(S) 4-Bromofluorobenzene				95.8	91.8	67.0-138				
(S) 1,2-Dichloroethane-d4				110	105	70.0-130				

L1384909-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1384909-04 08/03/21 22:55 • (MS) R3689350-4 08/04/21 03:38 • (MSD) R3689350-5 08/04/21 03:58

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 %
Benzene	0.125	U	0.173	0.165	138	132	1	10.0-149			4.73	37
Ethylbenzene	0.125	U	0.165	0.153	132	122	1	10.0-160			7.55	38
Naphthalene	0.125	0.0244	0.167	0.188	114	131	1	10.0-160			11.8	36
Toluene	0.125	U	0.175	0.169	140	135	1	10.0-156			3.49	38
1,2,4-Trimethylbenzene	0.125	U	0.158	0.153	126	122	1	10.0-160			3.22	36
1,3,5-Trimethylbenzene	0.125	0.00593	0.169	0.162	130	125	1	10.0-160			4.23	38
Xylenes, Total	0.375	0.00168	0.483	0.463	128	123	1	10.0-160			4.23	38



L1384909-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1384909-04 08/03/21 22:55 • (MS) R3689350-4 08/04/21 03:38 • (MSD) R3689350-5 08/04/21 03:58

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
(S) Toluene-d8					106	105		75.0-131				
(S) 4-Bromofluorobenzene					94.1	92.9		67.0-138				
(S) 1,2-Dichloroethane-d4					98.6	97.9		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) R3689836-3 08/09/21 10:53

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000467	0.00100
Ethylbenzene	U		0.000737	0.00250
Naphthalene	U		0.00488	0.0125
Toluene	U		0.00130	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	105			75.0-131
(S) 4-Bromofluorobenzene	99.3			67.0-138
(S) 1,2-Dichloroethane-d4	73.2			70.0-130

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

(LCS) R3689836-1 08/09/21 09:36 • (LCSD) R3689836-2 08/09/21 09:55

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 %
Benzene	0.125	0.127	0.123	102	98.4	70.0-123			3.20	20
Ethylbenzene	0.125	0.125	0.126	100	101	74.0-126			0.797	20
Naphthalene	0.125	0.0866	0.0826	69.3	66.1	59.0-130			4.73	20
Toluene	0.125	0.122	0.128	97.6	102	75.0-121			4.80	20
1,3,5-Trimethylbenzene	0.125	0.102	0.107	81.6	85.6	73.0-127			4.78	20
Xylenes, Total	0.375	0.369	0.364	98.4	97.1	72.0-127			1.36	20
(S) Toluene-d8				102	105	75.0-131				
(S) 4-Bromofluorobenzene				99.6	98.3	67.0-138				
(S) 1,2-Dichloroethane-d4				79.2	78.1	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3689964-2 08/10/21 02:38

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
1,2,4-Trimethylbenzene	U		0.00158	0.00500
(S) Toluene-d8	104			75.0-131
(S) 4-Bromofluorobenzene	91.7			67.0-138
(S) 1,2-Dichloroethane-d4	97.1			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3689964-1 08/09/21 23:31

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
1,2,4-Trimethylbenzene	0.125	0.124	99.2	70.0-126	
(S) Toluene-d8			103	75.0-131	
(S) 4-Bromofluorobenzene			96.9	67.0-138	
(S) 1,2-Dichloroethane-d4			103	70.0-130	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3689718-1 08/08/21 00:56

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	59.8			18.0-148

Laboratory Control Sample (LCS)

(LCS) R3689718-2 08/08/21 01:09

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	38.3	76.6	50.0-150	
(S) o-Terphenyl			71.3	18.0-148	

<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) R3688680-2 08/05/21 19:35

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) Nitrobenzene-d5	61.4			14.0-149
(S) 2-Fluorobiphenyl	65.3			34.0-125
(S) p-Terphenyl-d14	87.8			23.0-120

<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

Laboratory Control Sample (LCS)

(LCS) R3688680-1 08/05/21 19:15

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0490	61.3	50.0-126	
Acenaphthene	0.0800	0.0543	67.9	50.0-120	
Acenaphthylene	0.0800	0.0585	73.1	50.0-120	
Benzo(a)anthracene	0.0800	0.0500	62.5	45.0-120	
Benzo(a)pyrene	0.0800	0.0502	62.8	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0498	62.3	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0506	63.3	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0489	61.1	49.0-125	
Chrysene	0.0800	0.0523	65.4	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0529	66.1	47.0-125	
Fluoranthene	0.0800	0.0515	64.4	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R3688680-1 08/05/21 19:15

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0530	66.3	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0467	58.4	46.0-125	
Naphthalene	0.0800	0.0550	68.8	50.0-120	
Phenanthrene	0.0800	0.0502	62.8	47.0-120	
Pyrene	0.0800	0.0619	77.4	43.0-123	
1-Methylnaphthalene	0.0800	0.0556	69.5	51.0-121	
2-Methylnaphthalene	0.0800	0.0514	64.3	50.0-120	
2-Chloronaphthalene	0.0800	0.0497	62.1	50.0-120	
(S) Nitrobenzene-d5			69.2	14.0-149	
(S) 2-Fluorobiphenyl			70.0	34.0-125	
(S) p-Terphenyl-d14			86.3	23.0-120	

Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) • (MS) R3688680-3 08/06/21 02:33 • (MSD) R3688680-4 08/06/21 02:53

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	0.0784		0.115	0.0854	30.1	0.000	1	10.0-145		J6	29.5	30
Acenaphthene	0.0784		0.263	0.224	0.000	0.000	1	14.0-127	V	V	16.0	27
Acenaphthylene	0.0784		0.109	0.0983	139	126	1	21.0-124	J5	J5	10.3	25
Benzo(a)anthracene	0.0784		0.160	0.0892	103	13.2	1	10.0-139		J3	56.8	30
Benzo(a)pyrene	0.0784		0.127	0.0711	95.9	24.7	1	10.0-141		J3	56.4	31
Benzo(b)fluoranthene	0.0784		0.128	0.0623	120	36.7	1	10.0-140		J3	69.0	36
Benzo(g,h,i)perylene	0.0784		0.0906	0.0610	73.3	35.8	1	10.0-140		J3	39.1	33
Benzo(k)fluoranthene	0.0784		0.0720	0.0457	85.2	51.9	1	10.0-137		J3	44.7	31
Chrysene	0.0784		0.216	0.131	42.1	0.000	1	10.0-145		J3 J6	49.0	30
Dibenz(a,h)anthracene	0.0784		0.0551	0.0509	58.3	53.2	1	10.0-132			7.92	31
Fluoranthene	0.0784		0.220	0.0916	158	0.000	1	10.0-153	J5	J3 J6	82.4	33
Fluorene	0.0784		0.486	0.397	0.000	0.000	1	11.0-130	V	V	20.2	29
Indeno(1,2,3-cd)pyrene	0.0784		0.0824	0.0512	80.4	40.8	1	10.0-137		J3	46.7	32
Naphthalene	0.0784		0.179	0.159	0.000	0.000	1	10.0-135	J6	J6	11.8	27
Phenanthrene	0.0784		0.830	0.554	0.000	0.000	1	10.0-144	V	J3 V	39.9	31
Pyrene	0.0784		0.440	0.262	0.000	0.000	1	10.0-148	V	J3 V	50.7	35
1-Methylnaphthalene	0.0784		0.652	0.373	0.000	0.000	1	10.0-142	V	J3 V	54.4	28
2-Methylnaphthalene	0.0784		0.0641	0.0587	81.8	75.3	1	10.0-137			8.79	28
2-Chloronaphthalene	0.0784		0.0287	0.0295	36.6	37.8	1	29.0-120			2.75	24
(S) Nitrobenzene-d5					118	115		14.0-149				
(S) 2-Fluorobiphenyl					59.4	62.5		34.0-125				
(S) p-Terphenyl-d14					71.5	71.0		23.0-120				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

# 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.

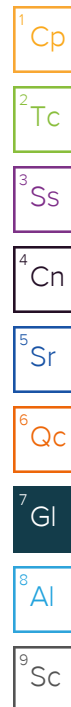
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location.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

B	The same analyte is found in the associated blank.
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.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
T8	Sample(s) received past/too close to holding time expiration.
V	The sample concentration is too high to evaluate accurate spike recoveries.



# 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



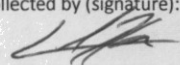
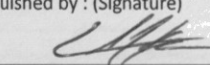
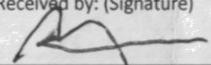
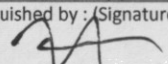
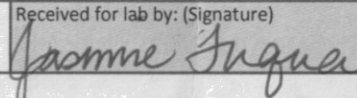
\* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

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







<b>Entrada Consulting Group</b>  240 Mesa Avenue Grand Junction, CO 81501		Billing Information:  Stuart Hall 240 Mesa Ave. Grand Junction, CO 81501		Pres Chk		Analysis / Container / Preservative										Chain of Custody    Page ____ of ____			
Report to: <b>Stuart Hall</b>		Email To: shall@entradainc.com;				Table915 GRO/DRO/ORO 4ozClr-NoPres Table915 Metals 4ozClr-NoPres Table915 PAHs 4ozClr-NoPres Table915 VOCs 4ozClr-NoPres Table915 pH SPCONSAR 4ozClr-NoPres										 National Center for Testing & Innovation			
Project Description: <b>HORSESHOE CANYON3</b>		City/State Collected:		Please Circle: PT MT CT ET												12065 Lebanon Rd Mount Juliet, TN 37122 Phone: 615-758-5858 Phone: 800-767-5859 Fax: 615-758-5859			
Phone: <b>970-640-0568</b>		Client Project # <b>HSC3</b>		Lab Project # <b>ENTCONGJCO-915</b>												SDG # <b>1384909</b>			
Collected by (print): <b>CHANCE HOLDER</b>		Site/Facility ID #		P.O. #												Table #			
Collected by (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												Acctnum: <b>ENTCONGJCO</b> Template: <b>T180603</b> Prelogin: <b>P822819</b> PM: <b>824 - Chris Ward</b> PB:			
Immediately Packed on Ice N ____ Y <u>✓</u>						No. of Cnts		Shipped Via: <b>FedEX Ground</b>											
Sample ID		Comp/Grab	Matrix *	Depth	Date	Time										Remarks	Sample # (lab only)		
20210729-HSC3-BOT-8'-1340		GRAB	SS	8'	7/29/21	1340	3	X	X	X	X	X					-03		
20210729-HSC3-NWALL-4'-1345				4'		1345	3	X	X	X	X	X					-04		
20210729-HSC3-EWALL-4'-1350				4'		1350	3	X	X	X	X	X					-05		
20210729-HSC3-SWALL-4'-1355				4'		1355	3	X	X	X	X	X					-06		
20210729-HSC3-WWALL-4'-1400				4'		1400	2	X	X	X	X	X					-07		
* Matrix:		Remarks:																	
SS - Soil    AIR - Air    F - Filter GW - Groundwater    B - Bioassay WW - WasteWater DW - Drinking Water OT - Other		pH ____ Temp ____ Flow ____ Other ____																	
Samples returned via: __ UPS __ FedEx __ Courier		Tracking #																	
Relinquished by : (Signature) 		Date: 7/29/21	Time: 1800	Received by: (Signature) 		Trip Blank Received: Yes / No HCL / MeOH TBR		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: 7/29/21	Time: 1730	Received by: (Signature)		Temp: ____ °C    Bottles Received: 111=2=0.942 16		If preservation required by Login: Date/Time											
Relinquished by : (Signature)		Date:	Time:	Received for lab by: (Signature) 		Date: 7/30/21    Time: 915		Hold:		Condition: NCF / OK									