

CTEH - ER

Sample Delivery Group: L1857956
Samples Received: 05/13/2025
Project Number: PROJ-054017
Description: Bishop Loss of Containment Incident

Report To: CTEH
5120 North Shore Drive
North Little Rock, AR 72118

Entire Report Reviewed By:



Jared Starkey
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.

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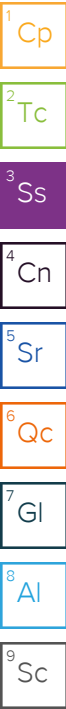


SAMPLE SUMMARY

GACO0512T030S001 L1857956-01

Collected by Komeo Flores Collected date/time 05/12/25 13:40 Received date/time 05/13/25 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2513888	1	05/13/25 15:54	05/15/25 14:57	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2513782	1	05/13/25 13:48	05/13/25 13:57	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2514064	1	05/13/25 22:42	05/14/25 00:47	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2515175	5	05/14/25 23:02	05/15/25 14:57	KMB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2513888	1.03	05/13/25 15:54	05/13/25 17:36	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2514228	5	05/14/25 11:00	05/14/25 18:15	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2513891	1	05/13/25 13:29	05/13/25 15:57	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2513910	1	05/13/25 12:36	05/13/25 14:26	WHS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2513883	1	05/13/25 14:23	05/13/25 21:58	JRM	Mt. Juliet, TN



GACO0512T030S002 L1857956-02

Collected by Komeo Flores Collected date/time 05/12/25 13:55 Received date/time 05/13/25 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2513888	1	05/13/25 15:54	05/15/25 11:11	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2513782	1	05/13/25 13:48	05/13/25 13:57	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2514064	1	05/13/25 22:42	05/14/25 00:48	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2515175	1	05/14/25 23:02	05/15/25 11:11	KMB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2513888	1.05	05/13/25 15:54	05/13/25 17:49	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2514228	5	05/14/25 11:00	05/14/25 18:15	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2513891	1	05/13/25 13:29	05/13/25 15:49	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2513910	1	05/13/25 12:36	05/13/25 14:46	WHS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2513883	1	05/13/25 14:23	05/13/25 22:19	JRM	Mt. Juliet, TN

GACO0512T030S003 L1857956-03

Collected by Komeo Flores Collected date/time 05/12/25 14:35 Received date/time 05/13/25 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2513888	1	05/13/25 15:54	05/15/25 14:58	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2513782	1	05/13/25 13:48	05/13/25 13:57	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2514064	1	05/13/25 22:42	05/14/25 00:50	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2515175	5	05/14/25 23:02	05/15/25 14:58	KMB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2513888	5.25	05/13/25 15:54	05/13/25 18:03	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2514228	5	05/14/25 11:00	05/14/25 18:16	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2513891	1	05/13/25 13:29	05/13/25 15:59	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2513910	1	05/13/25 12:36	05/13/25 15:06	WHS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2513883	1	05/13/25 14:23	05/13/25 22:41	JRM	Mt. Juliet, TN

GACO0512T030S004 L1857956-04

Collected by Komeo Flores Collected date/time 05/12/25 14:55 Received date/time 05/13/25 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2513888	1	05/13/25 15:54	05/15/25 15:00	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2513782	1	05/13/25 13:48	05/13/25 13:57	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2514064	1	05/13/25 22:42	05/14/25 00:51	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2515175	5	05/14/25 23:02	05/15/25 15:00	KMB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2513888	5	05/13/25 15:54	05/13/25 18:16	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2514228	5	05/14/25 11:00	05/14/25 18:16	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2513891	1	05/13/25 13:29	05/13/25 16:01	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2513910	1.01	05/13/25 12:36	05/13/25 15:26	WHS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2513883	1	05/13/25 14:23	05/13/25 23:02	JRM	Mt. Juliet, TN

SAMPLE SUMMARY

GACO0512T030T001 L1857956-05

Collected by: Komeo Flores
 Collected date/time: 05/12/25 07:00
 Received date/time: 05/13/25 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2513854	1	05/13/25 13:36	05/13/25 13:36	NCD	Mt. Juliet, TN

GACO0512T030S005 L1857956-06

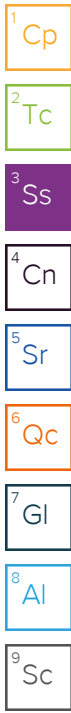
Collected by: Pressley Alaniz
 Collected date/time: 05/12/25 15:30
 Received date/time: 05/13/25 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2513888	1	05/13/25 15:54	05/15/25 15:01	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2513782	1	05/13/25 13:48	05/13/25 13:57	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2514064	1	05/13/25 22:42	05/14/25 00:53	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2515175	5	05/14/25 23:02	05/15/25 15:01	KMB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2513888	1	05/13/25 15:54	05/13/25 18:30	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2514228	4	05/14/25 11:00	05/14/25 18:16	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2513891	1	05/13/25 13:29	05/13/25 16:06	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2513910	1	05/13/25 12:36	05/13/25 15:46	WHS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2513883	1	05/13/25 14:23	05/13/25 23:23	JRM	Mt. Juliet, TN

GACO0512T030T003 L1857956-07

Collected by: Pressley Alaniz
 Collected date/time: 05/12/25 07:00
 Received date/time: 05/13/25 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2513854	1	05/13/25 13:57	05/13/25 13:57	NCD	Mt. Juliet, TN

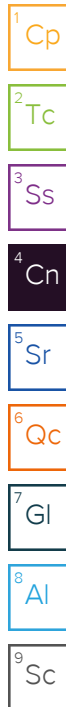


CASE NARRATIVE

Unless qualified or notated within the narrative below, all sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. 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.



Jared Starkey
Project Manager



Wet Chemistry by Method 4500NOrg D-2021

The sample concentration is too high to evaluate accurate spike recoveries.

Batch	Lab Sample ID	Analytes
WG2515175	(MS) R4215315-13, (MSD) R4215315-15	Kjeldahl Nitrogen, TKN

Metals (ICP) by Method 6010D

The sample matrix interfered with the ability to make any accurate determination; spike value is high.

Batch	Lab Sample ID	Analytes
WG2513891	(MS) R4214120-5, (MSD) R4214120-6, L1857956-02	Aluminum, Iron and Manganese

The sample matrix interfered with the ability to make any accurate determination; spike value is low.

Batch	Lab Sample ID	Analytes
WG2513891	(MS) R4214120-5, (MSD) R4214120-6, L1857956-02	Calcium

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2513891	(MSD) R4214120-6, L1857956-02	Manganese and Sodium

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

The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

Batch	Lab Sample ID	Analytes
WG2513854	L1857956-05	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Dichlorodifluoromethane and Naphthalene
WG2513854	L1857956-07	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Dichlorodifluoromethane and Naphthalene
WG2513910	L1857956-01	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Hexachloro-1,3-butadiene
WG2513910	L1857956-02	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Hexachloro-1,3-butadiene
WG2513910	L1857956-03	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Hexachloro-1,3-butadiene
WG2513910	L1857956-04	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Hexachloro-1,3-butadiene
WG2513910	L1857956-06	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Hexachloro-1,3-butadiene

CASE NARRATIVE

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

The associated batch QC was below the established quality control range for accuracy.

Batch	Lab Sample ID	Analytes
WG2513910	(LCS) R4214262-1, L1857956-01, 02, 03, 04, 06	1,2,3-Trichlorobenzene

The associated batch QC was above the established quality control range for accuracy.

Batch	Lab Sample ID	Analytes
WG2513854	(LCS) R4214264-1, (LCSD) R4214264-2, L1857956-05, 07	Bromomethane

The sample matrix interfered with the ability to make any accurate determination; spike value is high.

Batch	Lab Sample ID	Analytes
WG2513854	(MS) R4214264-4, (MSD) R4214264-5	Bromomethane
WG2513910	(MSD) R4214262-5	Acetone, Chloromethane, Dichlorodifluoromethane and Vinyl chloride

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2513910	(MSD) R4214262-5	41 analytes

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

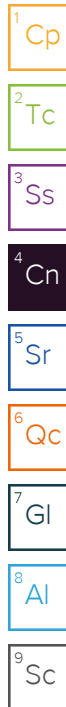
Batch	Lab Sample ID	Analytes
WG2513883	L1857956-01	2,4-Dimethylphenol and Hexachlorocyclopentadiene
WG2513883	L1857956-02	2,4-Dimethylphenol and Hexachlorocyclopentadiene
WG2513883	L1857956-03	2,4-Dimethylphenol and Hexachlorocyclopentadiene
WG2513883	L1857956-04	2,4-Dimethylphenol and Hexachlorocyclopentadiene
WG2513883	L1857956-06	2,4-Dimethylphenol and Hexachlorocyclopentadiene

The initial calibration verification standard (SSCV) associated with this data responded high.

Batch	Lab Sample ID	Analytes
WG2513883	L1857956-01	Hexachlorocyclopentadiene
WG2513883	L1857956-02	Hexachlorocyclopentadiene
WG2513883	L1857956-03	Benzidine
WG2513883	L1857956-04	Benzidine
WG2513883	L1857956-06	Benzidine

The sample matrix interfered with the ability to make any accurate determination; spike value is low.

Batch	Lab Sample ID	Analytes
WG2513883	(MS) R4214274-3, (MSD) R4214274-4	Benzidine and Hexachlorocyclopentadiene



Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	980000		22200	1	05/15/2025 14:57	WG2513888

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Total Solids	92.9			1	05/13/2025 13:57	WG2513782

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		10800	1	05/14/2025 00:47	WG2514064

Wet Chemistry by Method 4500N Org D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	906000		108000	5	05/15/2025 14:57	WG2515175

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	74800		22200	1.03	05/13/2025 17:36	WG2513888

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	12400000		500000	5	05/14/2025 18:15	WG2514228

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	1600000		21500	1	05/13/2025 15:57	WG2513891
Antimony	ND		2150	1	05/13/2025 15:57	WG2513891
Beryllium	242		215	1	05/13/2025 15:57	WG2513891
Calcium	2230000		108000	1	05/13/2025 15:57	WG2513891
Cobalt	1740		1080	1	05/13/2025 15:57	WG2513891
Iron	3930000		10800	1	05/13/2025 15:57	WG2513891
Magnesium	792000		108000	1	05/13/2025 15:57	WG2513891
Manganese	140000		1080	1	05/13/2025 15:57	WG2513891
Potassium	925000		108000	1	05/13/2025 15:57	WG2513891
Sodium	ND		108000	1	05/13/2025 15:57	WG2513891
Thallium	ND		2150	1	05/13/2025 15:57	WG2513891
Vanadium	7230		2150	1	05/13/2025 15:57	WG2513891

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND		57.7	1	05/13/2025 14:26	WG2513910
Acrylonitrile	ND		14.4	1	05/13/2025 14:26	WG2513910
Bromobenzene	ND		14.4	1	05/13/2025 14:26	WG2513910
Bromodichloromethane	ND		2.88	1	05/13/2025 14:26	WG2513910
Bromoform	ND		28.8	1	05/13/2025 14:26	WG2513910
Bromomethane	ND		14.4	1	05/13/2025 14:26	WG2513910

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	ND		14.4	1	05/13/2025 14:26	WG2513910
sec-Butylbenzene	ND		14.4	1	05/13/2025 14:26	WG2513910
tert-Butylbenzene	ND		5.77	1	05/13/2025 14:26	WG2513910
Carbon tetrachloride	ND		5.77	1	05/13/2025 14:26	WG2513910
Chlorobenzene	ND		2.88	1	05/13/2025 14:26	WG2513910
Chlorodibromomethane	ND		2.88	1	05/13/2025 14:26	WG2513910
Chloroethane	ND		5.77	1	05/13/2025 14:26	WG2513910
Chloroform	ND		2.88	1	05/13/2025 14:26	WG2513910
Chloromethane	ND		14.4	1	05/13/2025 14:26	WG2513910
2-Chlorotoluene	ND		2.88	1	05/13/2025 14:26	WG2513910
4-Chlorotoluene	ND		5.77	1	05/13/2025 14:26	WG2513910
1,2-Dibromo-3-Chloropropane	ND	C3	28.8	1	05/13/2025 14:26	WG2513910
1,2-Dibromoethane	ND		2.88	1	05/13/2025 14:26	WG2513910
Dibromomethane	ND		5.77	1	05/13/2025 14:26	WG2513910
1,2-Dichlorobenzene	ND		5.77	1	05/13/2025 14:26	WG2513910
1,3-Dichlorobenzene	ND		5.77	1	05/13/2025 14:26	WG2513910
1,4-Dichlorobenzene	ND		5.77	1	05/13/2025 14:26	WG2513910
Dichlorodifluoromethane	ND		5.77	1	05/13/2025 14:26	WG2513910
1,1-Dichloroethane	ND		2.88	1	05/13/2025 14:26	WG2513910
1,2-Dichloroethane	ND		2.88	1	05/13/2025 14:26	WG2513910
1,1-Dichloroethene	ND		2.88	1	05/13/2025 14:26	WG2513910
cis-1,2-Dichloroethene	ND		2.88	1	05/13/2025 14:26	WG2513910
trans-1,2-Dichloroethene	ND		5.77	1	05/13/2025 14:26	WG2513910
1,2-Dichloropropane	ND		5.77	1	05/13/2025 14:26	WG2513910
1,1-Dichloropropene	ND		2.88	1	05/13/2025 14:26	WG2513910
1,3-Dichloropropane	ND		5.77	1	05/13/2025 14:26	WG2513910
cis-1,3-Dichloropropene	ND		2.88	1	05/13/2025 14:26	WG2513910
trans-1,3-Dichloropropene	ND		5.77	1	05/13/2025 14:26	WG2513910
2,2-Dichloropropane	ND		2.88	1	05/13/2025 14:26	WG2513910
Di-isopropyl ether	ND		1.15	1	05/13/2025 14:26	WG2513910
Hexachloro-1,3-butadiene	ND	C3	28.8	1	05/13/2025 14:26	WG2513910
Isopropylbenzene	ND		2.88	1	05/13/2025 14:26	WG2513910
p-Isopropyltoluene	ND		5.77	1	05/13/2025 14:26	WG2513910
2-Butanone (MEK)	ND		115	1	05/13/2025 14:26	WG2513910
Methylene Chloride	ND		28.8	1	05/13/2025 14:26	WG2513910
4-Methyl-2-pentanone (MIBK)	ND		28.8	1	05/13/2025 14:26	WG2513910
Methyl tert-butyl ether	ND		1.15	1	05/13/2025 14:26	WG2513910
n-Propylbenzene	ND		5.77	1	05/13/2025 14:26	WG2513910
Styrene	ND		14.4	1	05/13/2025 14:26	WG2513910
1,1,1,2-Tetrachloroethane	ND		2.88	1	05/13/2025 14:26	WG2513910
1,1,2,2-Tetrachloroethane	ND		2.88	1	05/13/2025 14:26	WG2513910
1,1,2-Trichlorotrifluoroethane	ND		2.88	1	05/13/2025 14:26	WG2513910
Tetrachloroethene	ND		2.88	1	05/13/2025 14:26	WG2513910
1,2,3-Trichlorobenzene	ND	C3 J4	14.4	1	05/13/2025 14:26	WG2513910
1,2,4-Trichlorobenzene	ND	C3	14.4	1	05/13/2025 14:26	WG2513910
1,1,1-Trichloroethane	ND		2.88	1	05/13/2025 14:26	WG2513910
1,1,2-Trichloroethane	ND		2.88	1	05/13/2025 14:26	WG2513910
Trichloroethene	ND		1.15	1	05/13/2025 14:26	WG2513910
Trichlorofluoromethane	ND		2.88	1	05/13/2025 14:26	WG2513910
1,2,3-Trichloropropane	ND		14.4	1	05/13/2025 14:26	WG2513910
1,2,3-Trimethylbenzene	ND		5.77	1	05/13/2025 14:26	WG2513910
Vinyl chloride	ND		2.88	1	05/13/2025 14:26	WG2513910
(S) Toluene-d8	97.4		75.0-131		05/13/2025 14:26	WG2513910
(S) 4-Bromofluorobenzene	77.3		67.0-138		05/13/2025 14:26	WG2513910
(S) 1,2-Dichloroethane-d4	108		70.0-130		05/13/2025 14:26	WG2513910

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		35.9	1	05/13/2025 21:58	WG2513883
Benzidine	ND		1800	1	05/13/2025 21:58	WG2513883
Benzo(g,h,i)perylene	ND		35.9	1	05/13/2025 21:58	WG2513883
Bis(2-chlorethoxy)methane	ND		359	1	05/13/2025 21:58	WG2513883
Bis(2-chloroethyl)ether	ND		359	1	05/13/2025 21:58	WG2513883
2,2-Oxybis(1-Chloropropane)	ND		359	1	05/13/2025 21:58	WG2513883
4-Bromophenyl-phenylether	ND		359	1	05/13/2025 21:58	WG2513883
2-Chloronaphthalene	ND		35.9	1	05/13/2025 21:58	WG2513883
4-Chlorophenyl-phenylether	ND		359	1	05/13/2025 21:58	WG2513883
1,2-Dichlorobenzene	ND		359	1	05/13/2025 21:58	WG2513883
1,3-Dichlorobenzene	ND		359	1	05/13/2025 21:58	WG2513883
1,4-Dichlorobenzene	ND		359	1	05/13/2025 21:58	WG2513883
3,3-Dichlorobenzidine	ND		359	1	05/13/2025 21:58	WG2513883
2,4-Dinitrotoluene	ND		359	1	05/13/2025 21:58	WG2513883
2,6-Dinitrotoluene	ND		359	1	05/13/2025 21:58	WG2513883
Hexachlorobenzene	ND		359	1	05/13/2025 21:58	WG2513883
Hexachloro-1,3-butadiene	ND		359	1	05/13/2025 21:58	WG2513883
Hexachlorocyclopentadiene	ND	C3 C7	359	1	05/13/2025 21:58	WG2513883
Hexachloroethane	ND		359	1	05/13/2025 21:58	WG2513883
Isophorone	ND		359	1	05/13/2025 21:58	WG2513883
Nitrobenzene	ND		359	1	05/13/2025 21:58	WG2513883
n-Nitrosodimethylamine	ND		359	1	05/13/2025 21:58	WG2513883
n-Nitrosodiphenylamine	ND		359	1	05/13/2025 21:58	WG2513883
n-Nitrosodi-n-propylamine	ND		359	1	05/13/2025 21:58	WG2513883
Phenanthrene	ND		35.9	1	05/13/2025 21:58	WG2513883
Benzylbutyl phtalate	ND		359	1	05/13/2025 21:58	WG2513883
Bis(2-ethylhexyl)phtalate	ND		359	1	05/13/2025 21:58	WG2513883
Di-n-butyl phtalate	ND		359	1	05/13/2025 21:58	WG2513883
Diethyl phtalate	ND		359	1	05/13/2025 21:58	WG2513883
Dimethyl phtalate	ND		359	1	05/13/2025 21:58	WG2513883
Di-n-octyl phtalate	ND		359	1	05/13/2025 21:58	WG2513883
1,2,4-Trichlorobenzene	ND		359	1	05/13/2025 21:58	WG2513883
4-Chloro-3-methylphenol	ND		359	1	05/13/2025 21:58	WG2513883
2-Chlorophenol	ND		359	1	05/13/2025 21:58	WG2513883
2,4-Dichlorophenol	ND		359	1	05/13/2025 21:58	WG2513883
2,4-Dimethylphenol	ND	C3	359	1	05/13/2025 21:58	WG2513883
4,6-Dinitro-2-methylphenol	ND		359	1	05/13/2025 21:58	WG2513883
2,4-Dinitrophenol	ND		359	1	05/13/2025 21:58	WG2513883
2-Nitrophenol	ND		359	1	05/13/2025 21:58	WG2513883
4-Nitrophenol	ND		359	1	05/13/2025 21:58	WG2513883
Pentachlorophenol	ND		359	1	05/13/2025 21:58	WG2513883
Phenol	ND		359	1	05/13/2025 21:58	WG2513883
2,4,6-Trichlorophenol	ND		359	1	05/13/2025 21:58	WG2513883
(S) 2-Fluorophenol	65.3		12.0-120		05/13/2025 21:58	WG2513883
(S) Phenol-d5	59.3		10.0-120		05/13/2025 21:58	WG2513883
(S) Nitrobenzene-d5	52.2		10.0-122		05/13/2025 21:58	WG2513883
(S) 2-Fluorobiphenyl	55.7		15.0-120		05/13/2025 21:58	WG2513883
(S) 2,4,6-Tribromophenol	60.1		10.0-127		05/13/2025 21:58	WG2513883
(S) p-Terphenyl-d14	61.3		10.0-120		05/13/2025 21:58	WG2513883

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	883000		21900	1	05/15/2025 11:11	WG2513888

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	91.5		1	05/13/2025 13:57	WG2513782

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		10900	1	05/14/2025 00:48	WG2514064

Wet Chemistry by Method 4500N Org D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	840000		21900	1	05/15/2025 11:11	WG2515175

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	42600		23000	1.05	05/13/2025 17:49	WG2513888

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	13100000		500000	5	05/14/2025 18:15	WG2514228

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	1970000	J5	21900	1	05/13/2025 15:49	WG2513891
Antimony	ND		2190	1	05/13/2025 15:49	WG2513891
Beryllium	252		219	1	05/13/2025 15:49	WG2513891
Calcium	3350000	J6	109000	1	05/13/2025 15:49	WG2513891
Cobalt	2130		1090	1	05/13/2025 15:49	WG2513891
Iron	4290000	J5	10900	1	05/13/2025 15:49	WG2513891
Magnesium	1000000		109000	1	05/13/2025 15:49	WG2513891
Manganese	121000	J3 J5	1090	1	05/13/2025 15:49	WG2513891
Potassium	1090000		109000	1	05/13/2025 15:49	WG2513891
Sodium	130000	J3	109000	1	05/13/2025 15:49	WG2513891
Thallium	ND		2190	1	05/13/2025 15:49	WG2513891
Vanadium	7680		2190	1	05/13/2025 15:49	WG2513891

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND		59.3	1	05/13/2025 14:46	WG2513910
Acrylonitrile	ND		14.8	1	05/13/2025 14:46	WG2513910
Bromobenzene	ND		14.8	1	05/13/2025 14:46	WG2513910
Bromodichloromethane	ND		2.96	1	05/13/2025 14:46	WG2513910
Bromoform	ND		29.6	1	05/13/2025 14:46	WG2513910
Bromomethane	ND		14.8	1	05/13/2025 14:46	WG2513910

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	ND		14.8	1	05/13/2025 14:46	WG2513910
sec-Butylbenzene	ND		14.8	1	05/13/2025 14:46	WG2513910
tert-Butylbenzene	ND		5.93	1	05/13/2025 14:46	WG2513910
Carbon tetrachloride	ND		5.93	1	05/13/2025 14:46	WG2513910
Chlorobenzene	ND		2.96	1	05/13/2025 14:46	WG2513910
Chlorodibromomethane	ND		2.96	1	05/13/2025 14:46	WG2513910
Chloroethane	ND		5.93	1	05/13/2025 14:46	WG2513910
Chloroform	ND		2.96	1	05/13/2025 14:46	WG2513910
Chloromethane	ND		14.8	1	05/13/2025 14:46	WG2513910
2-Chlorotoluene	ND		2.96	1	05/13/2025 14:46	WG2513910
4-Chlorotoluene	ND		5.93	1	05/13/2025 14:46	WG2513910
1,2-Dibromo-3-Chloropropane	ND	C3	29.6	1	05/13/2025 14:46	WG2513910
1,2-Dibromoethane	ND		2.96	1	05/13/2025 14:46	WG2513910
Dibromomethane	ND		5.93	1	05/13/2025 14:46	WG2513910
1,2-Dichlorobenzene	ND		5.93	1	05/13/2025 14:46	WG2513910
1,3-Dichlorobenzene	ND		5.93	1	05/13/2025 14:46	WG2513910
1,4-Dichlorobenzene	ND		5.93	1	05/13/2025 14:46	WG2513910
Dichlorodifluoromethane	ND		5.93	1	05/13/2025 14:46	WG2513910
1,1-Dichloroethane	ND		2.96	1	05/13/2025 14:46	WG2513910
1,2-Dichloroethane	ND		2.96	1	05/13/2025 14:46	WG2513910
1,1-Dichloroethene	ND		2.96	1	05/13/2025 14:46	WG2513910
cis-1,2-Dichloroethene	ND		2.96	1	05/13/2025 14:46	WG2513910
trans-1,2-Dichloroethene	ND		5.93	1	05/13/2025 14:46	WG2513910
1,2-Dichloropropane	ND		5.93	1	05/13/2025 14:46	WG2513910
1,1-Dichloropropene	ND		2.96	1	05/13/2025 14:46	WG2513910
1,3-Dichloropropane	ND		5.93	1	05/13/2025 14:46	WG2513910
cis-1,3-Dichloropropene	ND		2.96	1	05/13/2025 14:46	WG2513910
trans-1,3-Dichloropropene	ND		5.93	1	05/13/2025 14:46	WG2513910
2,2-Dichloropropane	ND		2.96	1	05/13/2025 14:46	WG2513910
Di-isopropyl ether	ND		1.19	1	05/13/2025 14:46	WG2513910
Hexachloro-1,3-butadiene	ND	C3	29.6	1	05/13/2025 14:46	WG2513910
Isopropylbenzene	ND		2.96	1	05/13/2025 14:46	WG2513910
p-Isopropyltoluene	ND		5.93	1	05/13/2025 14:46	WG2513910
2-Butanone (MEK)	ND		119	1	05/13/2025 14:46	WG2513910
Methylene Chloride	ND		29.6	1	05/13/2025 14:46	WG2513910
4-Methyl-2-pentanone (MIBK)	ND		29.6	1	05/13/2025 14:46	WG2513910
Methyl tert-butyl ether	ND		1.19	1	05/13/2025 14:46	WG2513910
n-Propylbenzene	ND		5.93	1	05/13/2025 14:46	WG2513910
Styrene	ND		14.8	1	05/13/2025 14:46	WG2513910
1,1,1,2-Tetrachloroethane	ND		2.96	1	05/13/2025 14:46	WG2513910
1,1,2,2-Tetrachloroethane	ND		2.96	1	05/13/2025 14:46	WG2513910
1,1,2-Trichlorotrifluoroethane	ND		2.96	1	05/13/2025 14:46	WG2513910
Tetrachloroethene	ND		2.96	1	05/13/2025 14:46	WG2513910
1,2,3-Trichlorobenzene	ND	C3 J4	14.8	1	05/13/2025 14:46	WG2513910
1,2,4-Trichlorobenzene	ND	C3	14.8	1	05/13/2025 14:46	WG2513910
1,1,1-Trichloroethane	ND		2.96	1	05/13/2025 14:46	WG2513910
1,1,2-Trichloroethane	ND		2.96	1	05/13/2025 14:46	WG2513910
Trichloroethene	ND		1.19	1	05/13/2025 14:46	WG2513910
Trichlorofluoromethane	ND		2.96	1	05/13/2025 14:46	WG2513910
1,2,3-Trichloropropane	ND		14.8	1	05/13/2025 14:46	WG2513910
1,2,3-Trimethylbenzene	ND		5.93	1	05/13/2025 14:46	WG2513910
Vinyl chloride	ND		2.96	1	05/13/2025 14:46	WG2513910
(S) Toluene-d8	94.6		75.0-131		05/13/2025 14:46	WG2513910
(S) 4-Bromofluorobenzene	97.6		67.0-138		05/13/2025 14:46	WG2513910
(S) 1,2-Dichloroethane-d4	105		70.0-130		05/13/2025 14:46	WG2513910

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		36.4	1	05/13/2025 22:19	WG2513883
Benzidine	ND		1830	1	05/13/2025 22:19	WG2513883
Benzo(g,h,i)perylene	ND		36.4	1	05/13/2025 22:19	WG2513883
Bis(2-chloroethoxy)methane	ND		364	1	05/13/2025 22:19	WG2513883
Bis(2-chloroethyl)ether	ND		364	1	05/13/2025 22:19	WG2513883
2,2-Oxybis(1-Chloropropane)	ND		364	1	05/13/2025 22:19	WG2513883
4-Bromophenyl-phenylether	ND		364	1	05/13/2025 22:19	WG2513883
2-Chloronaphthalene	ND		36.4	1	05/13/2025 22:19	WG2513883
4-Chlorophenyl-phenylether	ND		364	1	05/13/2025 22:19	WG2513883
1,2-Dichlorobenzene	ND		364	1	05/13/2025 22:19	WG2513883
1,3-Dichlorobenzene	ND		364	1	05/13/2025 22:19	WG2513883
1,4-Dichlorobenzene	ND		364	1	05/13/2025 22:19	WG2513883
3,3-Dichlorobenzidine	ND		364	1	05/13/2025 22:19	WG2513883
2,4-Dinitrotoluene	ND		364	1	05/13/2025 22:19	WG2513883
2,6-Dinitrotoluene	ND		364	1	05/13/2025 22:19	WG2513883
Hexachlorobenzene	ND		364	1	05/13/2025 22:19	WG2513883
Hexachloro-1,3-butadiene	ND		364	1	05/13/2025 22:19	WG2513883
Hexachlorocyclopentadiene	ND	C3 C7	364	1	05/13/2025 22:19	WG2513883
Hexachloroethane	ND		364	1	05/13/2025 22:19	WG2513883
Isophorone	ND		364	1	05/13/2025 22:19	WG2513883
Nitrobenzene	ND		364	1	05/13/2025 22:19	WG2513883
n-Nitrosodimethylamine	ND		364	1	05/13/2025 22:19	WG2513883
n-Nitrosodiphenylamine	ND		364	1	05/13/2025 22:19	WG2513883
n-Nitrosodi-n-propylamine	ND		364	1	05/13/2025 22:19	WG2513883
Phenanthrene	ND		36.4	1	05/13/2025 22:19	WG2513883
Benzylbutyl phthalate	ND		364	1	05/13/2025 22:19	WG2513883
Bis(2-ethylhexyl)phthalate	ND		364	1	05/13/2025 22:19	WG2513883
Di-n-butyl phthalate	ND		364	1	05/13/2025 22:19	WG2513883
Diethyl phthalate	ND		364	1	05/13/2025 22:19	WG2513883
Dimethyl phthalate	ND		364	1	05/13/2025 22:19	WG2513883
Di-n-octyl phthalate	ND		364	1	05/13/2025 22:19	WG2513883
1,2,4-Trichlorobenzene	ND		364	1	05/13/2025 22:19	WG2513883
4-Chloro-3-methylphenol	ND		364	1	05/13/2025 22:19	WG2513883
2-Chlorophenol	ND		364	1	05/13/2025 22:19	WG2513883
2,4-Dichlorophenol	ND		364	1	05/13/2025 22:19	WG2513883
2,4-Dimethylphenol	ND	C3	364	1	05/13/2025 22:19	WG2513883
4,6-Dinitro-2-methylphenol	ND		364	1	05/13/2025 22:19	WG2513883
2,4-Dinitrophenol	ND		364	1	05/13/2025 22:19	WG2513883
2-Nitrophenol	ND		364	1	05/13/2025 22:19	WG2513883
4-Nitrophenol	ND		364	1	05/13/2025 22:19	WG2513883
Pentachlorophenol	ND		364	1	05/13/2025 22:19	WG2513883
Phenol	ND		364	1	05/13/2025 22:19	WG2513883
2,4,6-Trichlorophenol	ND		364	1	05/13/2025 22:19	WG2513883
(S) 2-Fluorophenol	76.1		12.0-120		05/13/2025 22:19	WG2513883
(S) Phenol-d5	69.8		10.0-120		05/13/2025 22:19	WG2513883
(S) Nitrobenzene-d5	62.0		10.0-122		05/13/2025 22:19	WG2513883
(S) 2-Fluorobiphenyl	60.8		15.0-120		05/13/2025 22:19	WG2513883
(S) 2,4,6-Tribromophenol	74.5		10.0-127		05/13/2025 22:19	WG2513883
(S) p-Terphenyl-d14	68.1		10.0-120		05/13/2025 22:19	WG2513883

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1200000		108000	1	05/15/2025 14:58	WG2513888

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	92.5		1	05/13/2025 13:57	WG2513782

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		10800	1	05/14/2025 00:50	WG2514064

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1070000		108000	5	05/15/2025 14:58	WG2515175

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	128000		113000	5.25	05/13/2025 18:03	WG2513888

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	15400000		500000	5	05/14/2025 18:16	WG2514228

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	2460000		21600	1	05/13/2025 15:59	WG2513891
Antimony	ND		2160	1	05/13/2025 15:59	WG2513891
Beryllium	326		216	1	05/13/2025 15:59	WG2513891
Calcium	4910000		108000	1	05/13/2025 15:59	WG2513891
Cobalt	3400		1080	1	05/13/2025 15:59	WG2513891
Iron	4980000		10800	1	05/13/2025 15:59	WG2513891
Magnesium	1300000		108000	1	05/13/2025 15:59	WG2513891
Manganese	189000		1080	1	05/13/2025 15:59	WG2513891
Potassium	1220000		108000	1	05/13/2025 15:59	WG2513891
Sodium	ND		108000	1	05/13/2025 15:59	WG2513891
Thallium	ND		2160	1	05/13/2025 15:59	WG2513891
Vanadium	10300		2160	1	05/13/2025 15:59	WG2513891

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND		58.1	1	05/13/2025 15:06	WG2513910
Acrylonitrile	ND		14.5	1	05/13/2025 15:06	WG2513910
Bromobenzene	ND		14.5	1	05/13/2025 15:06	WG2513910
Bromodichloromethane	ND		2.90	1	05/13/2025 15:06	WG2513910
Bromoform	ND		29.0	1	05/13/2025 15:06	WG2513910
Bromomethane	ND		14.5	1	05/13/2025 15:06	WG2513910



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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	ND		14.5	1	05/13/2025 15:06	WG2513910
sec-Butylbenzene	ND		14.5	1	05/13/2025 15:06	WG2513910
tert-Butylbenzene	ND		5.81	1	05/13/2025 15:06	WG2513910
Carbon tetrachloride	ND		5.81	1	05/13/2025 15:06	WG2513910
Chlorobenzene	ND		2.90	1	05/13/2025 15:06	WG2513910
Chlorodibromomethane	ND		2.90	1	05/13/2025 15:06	WG2513910
Chloroethane	ND		5.81	1	05/13/2025 15:06	WG2513910
Chloroform	ND		2.90	1	05/13/2025 15:06	WG2513910
Chloromethane	ND		14.5	1	05/13/2025 15:06	WG2513910
2-Chlorotoluene	ND		2.90	1	05/13/2025 15:06	WG2513910
4-Chlorotoluene	ND		5.81	1	05/13/2025 15:06	WG2513910
1,2-Dibromo-3-Chloropropane	ND	C3	29.0	1	05/13/2025 15:06	WG2513910
1,2-Dibromoethane	ND		2.90	1	05/13/2025 15:06	WG2513910
Dibromomethane	ND		5.81	1	05/13/2025 15:06	WG2513910
1,2-Dichlorobenzene	ND		5.81	1	05/13/2025 15:06	WG2513910
1,3-Dichlorobenzene	ND		5.81	1	05/13/2025 15:06	WG2513910
1,4-Dichlorobenzene	ND		5.81	1	05/13/2025 15:06	WG2513910
Dichlorodifluoromethane	ND		5.81	1	05/13/2025 15:06	WG2513910
1,1-Dichloroethane	ND		2.90	1	05/13/2025 15:06	WG2513910
1,2-Dichloroethane	ND		2.90	1	05/13/2025 15:06	WG2513910
1,1-Dichloroethene	ND		2.90	1	05/13/2025 15:06	WG2513910
cis-1,2-Dichloroethene	ND		2.90	1	05/13/2025 15:06	WG2513910
trans-1,2-Dichloroethene	ND		5.81	1	05/13/2025 15:06	WG2513910
1,2-Dichloropropane	ND		5.81	1	05/13/2025 15:06	WG2513910
1,1-Dichloropropene	ND		2.90	1	05/13/2025 15:06	WG2513910
1,3-Dichloropropane	ND		5.81	1	05/13/2025 15:06	WG2513910
cis-1,3-Dichloropropene	ND		2.90	1	05/13/2025 15:06	WG2513910
trans-1,3-Dichloropropene	ND		5.81	1	05/13/2025 15:06	WG2513910
2,2-Dichloropropane	ND		2.90	1	05/13/2025 15:06	WG2513910
Di-isopropyl ether	ND		1.16	1	05/13/2025 15:06	WG2513910
Hexachloro-1,3-butadiene	ND	C3	29.0	1	05/13/2025 15:06	WG2513910
Isopropylbenzene	ND		2.90	1	05/13/2025 15:06	WG2513910
p-Isopropyltoluene	ND		5.81	1	05/13/2025 15:06	WG2513910
2-Butanone (MEK)	ND		116	1	05/13/2025 15:06	WG2513910
Methylene Chloride	ND		29.0	1	05/13/2025 15:06	WG2513910
4-Methyl-2-pentanone (MIBK)	ND		29.0	1	05/13/2025 15:06	WG2513910
Methyl tert-butyl ether	ND		1.16	1	05/13/2025 15:06	WG2513910
n-Propylbenzene	ND		5.81	1	05/13/2025 15:06	WG2513910
Styrene	ND		14.5	1	05/13/2025 15:06	WG2513910
1,1,1,2-Tetrachloroethane	ND		2.90	1	05/13/2025 15:06	WG2513910
1,1,2,2-Tetrachloroethane	ND		2.90	1	05/13/2025 15:06	WG2513910
1,1,2-Trichlorotrifluoroethane	ND		2.90	1	05/13/2025 15:06	WG2513910
Tetrachloroethene	ND		2.90	1	05/13/2025 15:06	WG2513910
1,2,3-Trichlorobenzene	ND	C3 J4	14.5	1	05/13/2025 15:06	WG2513910
1,2,4-Trichlorobenzene	ND	C3	14.5	1	05/13/2025 15:06	WG2513910
1,1,1-Trichloroethane	ND		2.90	1	05/13/2025 15:06	WG2513910
1,1,2-Trichloroethane	ND		2.90	1	05/13/2025 15:06	WG2513910
Trichloroethene	ND		1.16	1	05/13/2025 15:06	WG2513910
Trichlorofluoromethane	ND		2.90	1	05/13/2025 15:06	WG2513910
1,2,3-Trichloropropane	ND		14.5	1	05/13/2025 15:06	WG2513910
1,2,3-Trimethylbenzene	ND		5.81	1	05/13/2025 15:06	WG2513910
Vinyl chloride	ND		2.90	1	05/13/2025 15:06	WG2513910
(S) Toluene-d8	94.9		75.0-131		05/13/2025 15:06	WG2513910
(S) 4-Bromofluorobenzene	95.6		67.0-138		05/13/2025 15:06	WG2513910
(S) 1,2-Dichloroethane-d4	107		70.0-130		05/13/2025 15:06	WG2513910

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		36.0	1	05/13/2025 22:41	WG2513883
Benzidine	ND	C7	1810	1	05/13/2025 22:41	WG2513883
Benzo(g,h,i)perylene	ND		36.0	1	05/13/2025 22:41	WG2513883
Bis(2-chloroethoxy)methane	ND		360	1	05/13/2025 22:41	WG2513883
Bis(2-chloroethyl)ether	ND		360	1	05/13/2025 22:41	WG2513883
2,2-Oxybis(1-Chloropropane)	ND		360	1	05/13/2025 22:41	WG2513883
4-Bromophenyl-phenylether	ND		360	1	05/13/2025 22:41	WG2513883
2-Chloronaphthalene	ND		36.0	1	05/13/2025 22:41	WG2513883
4-Chlorophenyl-phenylether	ND		360	1	05/13/2025 22:41	WG2513883
1,2-Dichlorobenzene	ND		360	1	05/13/2025 22:41	WG2513883
1,3-Dichlorobenzene	ND		360	1	05/13/2025 22:41	WG2513883
1,4-Dichlorobenzene	ND		360	1	05/13/2025 22:41	WG2513883
3,3-Dichlorobenzidine	ND		360	1	05/13/2025 22:41	WG2513883
2,4-Dinitrotoluene	ND		360	1	05/13/2025 22:41	WG2513883
2,6-Dinitrotoluene	ND		360	1	05/13/2025 22:41	WG2513883
Hexachlorobenzene	ND		360	1	05/13/2025 22:41	WG2513883
Hexachloro-1,3-butadiene	ND		360	1	05/13/2025 22:41	WG2513883
Hexachlorocyclopentadiene	ND	C3	360	1	05/13/2025 22:41	WG2513883
Hexachloroethane	ND		360	1	05/13/2025 22:41	WG2513883
Isophorone	ND		360	1	05/13/2025 22:41	WG2513883
Nitrobenzene	ND		360	1	05/13/2025 22:41	WG2513883
n-Nitrosodimethylamine	ND		360	1	05/13/2025 22:41	WG2513883
n-Nitrosodiphenylamine	ND		360	1	05/13/2025 22:41	WG2513883
n-Nitrosodi-n-propylamine	ND		360	1	05/13/2025 22:41	WG2513883
Phenanthrene	ND		36.0	1	05/13/2025 22:41	WG2513883
Benzylbutyl phthalate	ND		360	1	05/13/2025 22:41	WG2513883
Bis(2-ethylhexyl)phthalate	ND		360	1	05/13/2025 22:41	WG2513883
Di-n-butyl phthalate	ND		360	1	05/13/2025 22:41	WG2513883
Diethyl phthalate	ND		360	1	05/13/2025 22:41	WG2513883
Dimethyl phthalate	ND		360	1	05/13/2025 22:41	WG2513883
Di-n-octyl phthalate	ND		360	1	05/13/2025 22:41	WG2513883
1,2,4-Trichlorobenzene	ND		360	1	05/13/2025 22:41	WG2513883
4-Chloro-3-methylphenol	ND		360	1	05/13/2025 22:41	WG2513883
2-Chlorophenol	ND		360	1	05/13/2025 22:41	WG2513883
2,4-Dichlorophenol	ND		360	1	05/13/2025 22:41	WG2513883
2,4-Dimethylphenol	ND	C3	360	1	05/13/2025 22:41	WG2513883
4,6-Dinitro-2-methylphenol	ND		360	1	05/13/2025 22:41	WG2513883
2,4-Dinitrophenol	ND		360	1	05/13/2025 22:41	WG2513883
2-Nitrophenol	ND		360	1	05/13/2025 22:41	WG2513883
4-Nitrophenol	ND		360	1	05/13/2025 22:41	WG2513883
Pentachlorophenol	ND		360	1	05/13/2025 22:41	WG2513883
Phenol	ND		360	1	05/13/2025 22:41	WG2513883
2,4,6-Trichlorophenol	ND		360	1	05/13/2025 22:41	WG2513883
(S) 2-Fluorophenol	60.8		12.0-120		05/13/2025 22:41	WG2513883
(S) Phenol-d5	56.0		10.0-120		05/13/2025 22:41	WG2513883
(S) Nitrobenzene-d5	48.8		10.0-122		05/13/2025 22:41	WG2513883
(S) 2-Fluorobiphenyl	50.9		15.0-120		05/13/2025 22:41	WG2513883
(S) 2,4,6-Tribromophenol	61.9		10.0-127		05/13/2025 22:41	WG2513883
(S) p-Terphenyl-d14	62.0		10.0-120		05/13/2025 22:41	WG2513883

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1880000		110000	1	05/15/2025 15:00	WG2513888

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	91.2		1	05/13/2025 13:57	WG2513782

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		11000	1	05/14/2025 00:51	WG2514064

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1510000		110000	5	05/15/2025 15:00	WG2515175

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	370000		110000	5	05/13/2025 18:16	WG2513888

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	18800000		500000	5	05/14/2025 18:16	WG2514228

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	3310000		21900	1	05/13/2025 16:01	WG2513891
Antimony	ND		2190	1	05/13/2025 16:01	WG2513891
Beryllium	506		219	1	05/13/2025 16:01	WG2513891
Calcium	16000000		110000	1	05/13/2025 16:01	WG2513891
Cobalt	3900		1100	1	05/13/2025 16:01	WG2513891
Iron	6000000		11000	1	05/13/2025 16:01	WG2513891
Magnesium	2540000		110000	1	05/13/2025 16:01	WG2513891
Manganese	195000		1100	1	05/13/2025 16:01	WG2513891
Potassium	1570000		110000	1	05/13/2025 16:01	WG2513891
Sodium	193000		110000	1	05/13/2025 16:01	WG2513891
Thallium	ND		2190	1	05/13/2025 16:01	WG2513891
Vanadium	12700		2190	1	05/13/2025 16:01	WG2513891

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND		60.2	1.01	05/13/2025 15:26	WG2513910
Acrylonitrile	ND		15.0	1.01	05/13/2025 15:26	WG2513910
Bromobenzene	ND		15.0	1.01	05/13/2025 15:26	WG2513910
Bromodichloromethane	ND		3.02	1.01	05/13/2025 15:26	WG2513910
Bromoform	ND		30.2	1.01	05/13/2025 15:26	WG2513910
Bromomethane	ND		15.0	1.01	05/13/2025 15:26	WG2513910

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	ND		15.0	1.01	05/13/2025 15:26	WG2513910
sec-Butylbenzene	ND		15.0	1.01	05/13/2025 15:26	WG2513910
tert-Butylbenzene	ND		6.02	1.01	05/13/2025 15:26	WG2513910
Carbon tetrachloride	ND		6.02	1.01	05/13/2025 15:26	WG2513910
Chlorobenzene	ND		3.02	1.01	05/13/2025 15:26	WG2513910
Chlorodibromomethane	ND		3.02	1.01	05/13/2025 15:26	WG2513910
Chloroethane	ND		6.02	1.01	05/13/2025 15:26	WG2513910
Chloroform	ND		3.02	1.01	05/13/2025 15:26	WG2513910
Chloromethane	ND		15.0	1.01	05/13/2025 15:26	WG2513910
2-Chlorotoluene	ND		3.02	1.01	05/13/2025 15:26	WG2513910
4-Chlorotoluene	ND		6.02	1.01	05/13/2025 15:26	WG2513910
1,2-Dibromo-3-Chloropropane	ND	C3	30.2	1.01	05/13/2025 15:26	WG2513910
1,2-Dibromoethane	ND		3.02	1.01	05/13/2025 15:26	WG2513910
Dibromomethane	ND		6.02	1.01	05/13/2025 15:26	WG2513910
1,2-Dichlorobenzene	ND		6.02	1.01	05/13/2025 15:26	WG2513910
1,3-Dichlorobenzene	ND		6.02	1.01	05/13/2025 15:26	WG2513910
1,4-Dichlorobenzene	ND		6.02	1.01	05/13/2025 15:26	WG2513910
Dichlorodifluoromethane	ND		6.02	1.01	05/13/2025 15:26	WG2513910
1,1-Dichloroethane	ND		3.02	1.01	05/13/2025 15:26	WG2513910
1,2-Dichloroethane	ND		3.02	1.01	05/13/2025 15:26	WG2513910
1,1-Dichloroethene	ND		3.02	1.01	05/13/2025 15:26	WG2513910
cis-1,2-Dichloroethene	ND		3.02	1.01	05/13/2025 15:26	WG2513910
trans-1,2-Dichloroethene	ND		6.02	1.01	05/13/2025 15:26	WG2513910
1,2-Dichloropropane	ND		6.02	1.01	05/13/2025 15:26	WG2513910
1,1-Dichloropropene	ND		3.02	1.01	05/13/2025 15:26	WG2513910
1,3-Dichloropropane	ND		6.02	1.01	05/13/2025 15:26	WG2513910
cis-1,3-Dichloropropene	ND		3.02	1.01	05/13/2025 15:26	WG2513910
trans-1,3-Dichloropropene	ND		6.02	1.01	05/13/2025 15:26	WG2513910
2,2-Dichloropropane	ND		3.02	1.01	05/13/2025 15:26	WG2513910
Di-isopropyl ether	ND		1.20	1.01	05/13/2025 15:26	WG2513910
Hexachloro-1,3-butadiene	ND	C3	30.2	1.01	05/13/2025 15:26	WG2513910
Isopropylbenzene	ND		3.02	1.01	05/13/2025 15:26	WG2513910
p-Isopropyltoluene	ND		6.02	1.01	05/13/2025 15:26	WG2513910
2-Butanone (MEK)	ND		120	1.01	05/13/2025 15:26	WG2513910
Methylene Chloride	ND		30.2	1.01	05/13/2025 15:26	WG2513910
4-Methyl-2-pentanone (MIBK)	ND		30.2	1.01	05/13/2025 15:26	WG2513910
Methyl tert-butyl ether	ND		1.20	1.01	05/13/2025 15:26	WG2513910
n-Propylbenzene	ND		6.02	1.01	05/13/2025 15:26	WG2513910
Styrene	ND		15.0	1.01	05/13/2025 15:26	WG2513910
1,1,1,2-Tetrachloroethane	ND		3.02	1.01	05/13/2025 15:26	WG2513910
1,1,2,2-Tetrachloroethane	ND		3.02	1.01	05/13/2025 15:26	WG2513910
1,1,2-Trichlorotrifluoroethane	ND		3.02	1.01	05/13/2025 15:26	WG2513910
Tetrachloroethene	ND		3.02	1.01	05/13/2025 15:26	WG2513910
1,2,3-Trichlorobenzene	ND	C3 J4	15.0	1.01	05/13/2025 15:26	WG2513910
1,2,4-Trichlorobenzene	ND	C3	15.0	1.01	05/13/2025 15:26	WG2513910
1,1,1-Trichloroethane	ND		3.02	1.01	05/13/2025 15:26	WG2513910
1,1,2-Trichloroethane	ND		3.02	1.01	05/13/2025 15:26	WG2513910
Trichloroethene	ND		1.20	1.01	05/13/2025 15:26	WG2513910
Trichlorofluoromethane	ND		3.02	1.01	05/13/2025 15:26	WG2513910
1,2,3-Trichloropropane	ND		15.0	1.01	05/13/2025 15:26	WG2513910
1,2,3-Trimethylbenzene	ND		6.02	1.01	05/13/2025 15:26	WG2513910
Vinyl chloride	ND		3.02	1.01	05/13/2025 15:26	WG2513910
(S) Toluene-d8	97.9		75.0-131		05/13/2025 15:26	WG2513910
(S) 4-Bromofluorobenzene	80.5		67.0-138		05/13/2025 15:26	WG2513910
(S) 1,2-Dichloroethane-d4	105		70.0-130		05/13/2025 15:26	WG2513910

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		36.5	1	05/13/2025 23:02	WG2513883
Benzdine	ND	C7	1830	1	05/13/2025 23:02	WG2513883
Benzo(g,h,i)perylene	ND		36.5	1	05/13/2025 23:02	WG2513883
Bis(2-chloroethoxy)methane	ND		365	1	05/13/2025 23:02	WG2513883
Bis(2-chloroethyl)ether	ND		365	1	05/13/2025 23:02	WG2513883
2,2-Oxybis(1-Chloropropane)	ND		365	1	05/13/2025 23:02	WG2513883
4-Bromophenyl-phenylether	ND		365	1	05/13/2025 23:02	WG2513883
2-Chloronaphthalene	ND		36.5	1	05/13/2025 23:02	WG2513883
4-Chlorophenyl-phenylether	ND		365	1	05/13/2025 23:02	WG2513883
1,2-Dichlorobenzene	ND		365	1	05/13/2025 23:02	WG2513883
1,3-Dichlorobenzene	ND		365	1	05/13/2025 23:02	WG2513883
1,4-Dichlorobenzene	ND		365	1	05/13/2025 23:02	WG2513883
3,3-Dichlorobenzidine	ND		365	1	05/13/2025 23:02	WG2513883
2,4-Dinitrotoluene	ND		365	1	05/13/2025 23:02	WG2513883
2,6-Dinitrotoluene	ND		365	1	05/13/2025 23:02	WG2513883
Hexachlorobenzene	ND		365	1	05/13/2025 23:02	WG2513883
Hexachloro-1,3-butadiene	ND		365	1	05/13/2025 23:02	WG2513883
Hexachlorocyclopentadiene	ND	C3	365	1	05/13/2025 23:02	WG2513883
Hexachloroethane	ND		365	1	05/13/2025 23:02	WG2513883
Isophorone	ND		365	1	05/13/2025 23:02	WG2513883
Nitrobenzene	ND		365	1	05/13/2025 23:02	WG2513883
n-Nitrosodimethylamine	ND		365	1	05/13/2025 23:02	WG2513883
n-Nitrosodiphenylamine	ND		365	1	05/13/2025 23:02	WG2513883
n-Nitrosodi-n-propylamine	ND		365	1	05/13/2025 23:02	WG2513883
Phenanthrene	ND		36.5	1	05/13/2025 23:02	WG2513883
Benzylbutyl phtalate	ND		365	1	05/13/2025 23:02	WG2513883
Bis(2-ethylhexyl)phtalate	ND		365	1	05/13/2025 23:02	WG2513883
Di-n-butyl phtalate	ND		365	1	05/13/2025 23:02	WG2513883
Diethyl phtalate	ND		365	1	05/13/2025 23:02	WG2513883
Dimethyl phtalate	ND		365	1	05/13/2025 23:02	WG2513883
Di-n-octyl phtalate	ND		365	1	05/13/2025 23:02	WG2513883
1,2,4-Trichlorobenzene	ND		365	1	05/13/2025 23:02	WG2513883
4-Chloro-3-methylphenol	ND		365	1	05/13/2025 23:02	WG2513883
2-Chlorophenol	ND		365	1	05/13/2025 23:02	WG2513883
2,4-Dichlorophenol	ND		365	1	05/13/2025 23:02	WG2513883
2,4-Dimethylphenol	ND	C3	365	1	05/13/2025 23:02	WG2513883
4,6-Dinitro-2-methylphenol	ND		365	1	05/13/2025 23:02	WG2513883
2,4-Dinitrophenol	ND		365	1	05/13/2025 23:02	WG2513883
2-Nitrophenol	ND		365	1	05/13/2025 23:02	WG2513883
4-Nitrophenol	ND		365	1	05/13/2025 23:02	WG2513883
Pentachlorophenol	ND		365	1	05/13/2025 23:02	WG2513883
Phenol	ND		365	1	05/13/2025 23:02	WG2513883
2,4,6-Trichlorophenol	ND		365	1	05/13/2025 23:02	WG2513883
(S) 2-Fluorophenol	62.3		12.0-120		05/13/2025 23:02	WG2513883
(S) Phenol-d5	56.1		10.0-120		05/13/2025 23:02	WG2513883
(S) Nitrobenzene-d5	50.8		10.0-122		05/13/2025 23:02	WG2513883
(S) 2-Fluorobiphenyl	52.0		15.0-120		05/13/2025 23:02	WG2513883
(S) 2,4,6-Tribromophenol	62.3		10.0-127		05/13/2025 23:02	WG2513883
(S) p-Terphenyl-d14	63.2		10.0-120		05/13/2025 23:02	WG2513883

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND		50.0	1	05/13/2025 13:36	WG2513854
Acrolein	ND		50.0	1	05/13/2025 13:36	WG2513854
Acrylonitrile	ND		10.0	1	05/13/2025 13:36	WG2513854
Benzene	ND		1.00	1	05/13/2025 13:36	WG2513854
Bromobenzene	ND		1.00	1	05/13/2025 13:36	WG2513854
Bromodichloromethane	ND		1.00	1	05/13/2025 13:36	WG2513854
Bromoform	ND		1.00	1	05/13/2025 13:36	WG2513854
Bromomethane	ND	J4	5.00	1	05/13/2025 13:36	WG2513854
n-Butylbenzene	ND		1.00	1	05/13/2025 13:36	WG2513854
sec-Butylbenzene	ND		1.00	1	05/13/2025 13:36	WG2513854
tert-Butylbenzene	ND		1.00	1	05/13/2025 13:36	WG2513854
Carbon tetrachloride	ND		1.00	1	05/13/2025 13:36	WG2513854
Chlorobenzene	ND		1.00	1	05/13/2025 13:36	WG2513854
Chlorodibromomethane	ND		1.00	1	05/13/2025 13:36	WG2513854
Chloroethane	ND		5.00	1	05/13/2025 13:36	WG2513854
Chloroform	ND		5.00	1	05/13/2025 13:36	WG2513854
Chloromethane	ND		2.50	1	05/13/2025 13:36	WG2513854
2-Chlorotoluene	ND		1.00	1	05/13/2025 13:36	WG2513854
4-Chlorotoluene	ND		1.00	1	05/13/2025 13:36	WG2513854
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/13/2025 13:36	WG2513854
1,2-Dibromoethane	ND		1.00	1	05/13/2025 13:36	WG2513854
Dibromomethane	ND		1.00	1	05/13/2025 13:36	WG2513854
1,2-Dichlorobenzene	ND		1.00	1	05/13/2025 13:36	WG2513854
1,3-Dichlorobenzene	ND		1.00	1	05/13/2025 13:36	WG2513854
1,4-Dichlorobenzene	ND		1.00	1	05/13/2025 13:36	WG2513854
Dichlorodifluoromethane	ND	C3	5.00	1	05/13/2025 13:36	WG2513854
1,1-Dichloroethane	ND		1.00	1	05/13/2025 13:36	WG2513854
1,2-Dichloroethane	ND		1.00	1	05/13/2025 13:36	WG2513854
1,1-Dichloroethene	ND		1.00	1	05/13/2025 13:36	WG2513854
cis-1,2-Dichloroethene	ND		1.00	1	05/13/2025 13:36	WG2513854
trans-1,2-Dichloroethene	ND		1.00	1	05/13/2025 13:36	WG2513854
1,2-Dichloropropane	ND		1.00	1	05/13/2025 13:36	WG2513854
1,1-Dichloropropene	ND		1.00	1	05/13/2025 13:36	WG2513854
1,3-Dichloropropane	ND		1.00	1	05/13/2025 13:36	WG2513854
cis-1,3-Dichloropropene	ND		1.00	1	05/13/2025 13:36	WG2513854
trans-1,3-Dichloropropene	ND		1.00	1	05/13/2025 13:36	WG2513854
2,2-Dichloropropane	ND		1.00	1	05/13/2025 13:36	WG2513854
Di-isopropyl ether	ND		1.00	1	05/13/2025 13:36	WG2513854
Ethylbenzene	ND		1.00	1	05/13/2025 13:36	WG2513854
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2025 13:36	WG2513854
Isopropylbenzene	ND		1.00	1	05/13/2025 13:36	WG2513854
p-Isopropyltoluene	ND		1.00	1	05/13/2025 13:36	WG2513854
2-Butanone (MEK)	ND		10.0	1	05/13/2025 13:36	WG2513854
Methylene Chloride	ND		5.00	1	05/13/2025 13:36	WG2513854
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/13/2025 13:36	WG2513854
Methyl tert-butyl ether	ND		1.00	1	05/13/2025 13:36	WG2513854
Naphthalene	ND	C3	5.00	1	05/13/2025 13:36	WG2513854
n-Propylbenzene	ND		1.00	1	05/13/2025 13:36	WG2513854
Styrene	ND		1.00	1	05/13/2025 13:36	WG2513854
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/13/2025 13:36	WG2513854
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/13/2025 13:36	WG2513854
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/13/2025 13:36	WG2513854
Tetrachloroethene	ND		1.00	1	05/13/2025 13:36	WG2513854
Toluene	ND		1.00	1	05/13/2025 13:36	WG2513854
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/13/2025 13:36	WG2513854
1,2,4-Trichlorobenzene	ND	C3	1.00	1	05/13/2025 13:36	WG2513854

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	05/13/2025 13:36	WG2513854
1,1,2-Trichloroethane	ND		1.00	1	05/13/2025 13:36	WG2513854
Trichloroethene	ND		1.00	1	05/13/2025 13:36	WG2513854
Trichlorofluoromethane	ND		5.00	1	05/13/2025 13:36	WG2513854
1,2,3-Trichloropropane	ND		2.50	1	05/13/2025 13:36	WG2513854
1,2,4-Trimethylbenzene	ND		1.00	1	05/13/2025 13:36	WG2513854
1,2,3-Trimethylbenzene	ND		1.00	1	05/13/2025 13:36	WG2513854
1,3,5-Trimethylbenzene	ND		1.00	1	05/13/2025 13:36	WG2513854
Vinyl chloride	ND		1.00	1	05/13/2025 13:36	WG2513854
Xylenes, Total	ND		3.00	1	05/13/2025 13:36	WG2513854
(S) Toluene-d8	108		80.0-120		05/13/2025 13:36	WG2513854
(S) 4-Bromofluorobenzene	97.7		77.0-126		05/13/2025 13:36	WG2513854
(S) 1,2-Dichloroethane-d4	103		70.0-130		05/13/2025 13:36	WG2513854

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

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1720000		34300	1	05/15/2025 15:01	WG2513888

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Total Solids	58.2			1	05/13/2025 13:57	WG2513782

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		17200	1	05/14/2025 00:53	WG2514064

Wet Chemistry by Method 4500N Org D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1720000		172000	5	05/15/2025 15:01	WG2515175

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		34300	1	05/13/2025 18:30	WG2513888

Wet Chemistry by Method WALKLEY-BLACK

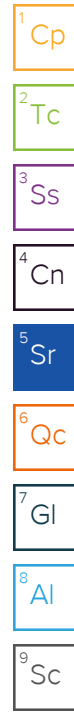
Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	16500000		400000	4	05/14/2025 18:16	WG2514228

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	8260000		34300	1	05/13/2025 16:06	WG2513891
Antimony	ND		3430	1	05/13/2025 16:06	WG2513891
Beryllium	981		343	1	05/13/2025 16:06	WG2513891
Calcium	22300000		172000	1	05/13/2025 16:06	WG2513891
Cobalt	8530		1720	1	05/13/2025 16:06	WG2513891
Iron	13500000		17200	1	05/13/2025 16:06	WG2513891
Magnesium	4020000		172000	1	05/13/2025 16:06	WG2513891
Manganese	404000		1720	1	05/13/2025 16:06	WG2513891
Potassium	2560000		172000	1	05/13/2025 16:06	WG2513891
Sodium	ND		172000	1	05/13/2025 16:06	WG2513891
Thallium	ND		3430	1	05/13/2025 16:06	WG2513891
Vanadium	25700		3430	1	05/13/2025 16:06	WG2513891

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND		122	1	05/13/2025 15:46	WG2513910
Acrylonitrile	ND		30.4	1	05/13/2025 15:46	WG2513910
Bromobenzene	ND		30.4	1	05/13/2025 15:46	WG2513910
Bromodichloromethane	ND		6.09	1	05/13/2025 15:46	WG2513910
Bromoform	ND		60.9	1	05/13/2025 15:46	WG2513910
Bromomethane	ND		30.4	1	05/13/2025 15:46	WG2513910



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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	ND		30.4	1	05/13/2025 15:46	WG2513910
sec-Butylbenzene	ND		30.4	1	05/13/2025 15:46	WG2513910
tert-Butylbenzene	ND		12.2	1	05/13/2025 15:46	WG2513910
Carbon tetrachloride	ND		12.2	1	05/13/2025 15:46	WG2513910
Chlorobenzene	ND		6.09	1	05/13/2025 15:46	WG2513910
Chlorodibromomethane	ND		6.09	1	05/13/2025 15:46	WG2513910
Chloroethane	ND		12.2	1	05/13/2025 15:46	WG2513910
Chloroform	ND		6.09	1	05/13/2025 15:46	WG2513910
Chloromethane	ND		30.4	1	05/13/2025 15:46	WG2513910
2-Chlorotoluene	ND		6.09	1	05/13/2025 15:46	WG2513910
4-Chlorotoluene	ND		12.2	1	05/13/2025 15:46	WG2513910
1,2-Dibromo-3-Chloropropane	ND	C3	60.9	1	05/13/2025 15:46	WG2513910
1,2-Dibromoethane	ND		6.09	1	05/13/2025 15:46	WG2513910
Dibromomethane	ND		12.2	1	05/13/2025 15:46	WG2513910
1,2-Dichlorobenzene	ND		12.2	1	05/13/2025 15:46	WG2513910
1,3-Dichlorobenzene	ND		12.2	1	05/13/2025 15:46	WG2513910
1,4-Dichlorobenzene	ND		12.2	1	05/13/2025 15:46	WG2513910
Dichlorodifluoromethane	ND		12.2	1	05/13/2025 15:46	WG2513910
1,1-Dichloroethane	ND		6.09	1	05/13/2025 15:46	WG2513910
1,2-Dichloroethane	ND		6.09	1	05/13/2025 15:46	WG2513910
1,1-Dichloroethene	ND		6.09	1	05/13/2025 15:46	WG2513910
cis-1,2-Dichloroethene	ND		6.09	1	05/13/2025 15:46	WG2513910
trans-1,2-Dichloroethene	ND		12.2	1	05/13/2025 15:46	WG2513910
1,2-Dichloropropane	ND		12.2	1	05/13/2025 15:46	WG2513910
1,1-Dichloropropene	ND		6.09	1	05/13/2025 15:46	WG2513910
1,3-Dichloropropane	ND		12.2	1	05/13/2025 15:46	WG2513910
cis-1,3-Dichloropropene	ND		6.09	1	05/13/2025 15:46	WG2513910
trans-1,3-Dichloropropene	ND		12.2	1	05/13/2025 15:46	WG2513910
2,2-Dichloropropane	ND		6.09	1	05/13/2025 15:46	WG2513910
Di-isopropyl ether	ND		2.43	1	05/13/2025 15:46	WG2513910
Hexachloro-1,3-butadiene	ND	C3	60.9	1	05/13/2025 15:46	WG2513910
Isopropylbenzene	ND		6.09	1	05/13/2025 15:46	WG2513910
p-Isopropyltoluene	ND		12.2	1	05/13/2025 15:46	WG2513910
2-Butanone (MEK)	ND		243	1	05/13/2025 15:46	WG2513910
Methylene Chloride	ND		60.9	1	05/13/2025 15:46	WG2513910
4-Methyl-2-pentanone (MIBK)	ND		60.9	1	05/13/2025 15:46	WG2513910
Methyl tert-butyl ether	ND		2.43	1	05/13/2025 15:46	WG2513910
n-Propylbenzene	ND		12.2	1	05/13/2025 15:46	WG2513910
Styrene	ND		30.4	1	05/13/2025 15:46	WG2513910
1,1,1,2-Tetrachloroethane	ND		6.09	1	05/13/2025 15:46	WG2513910
1,1,2,2-Tetrachloroethane	ND		6.09	1	05/13/2025 15:46	WG2513910
1,1,2-Trichlorotrifluoroethane	ND		6.09	1	05/13/2025 15:46	WG2513910
Tetrachloroethene	ND		6.09	1	05/13/2025 15:46	WG2513910
1,2,3-Trichlorobenzene	ND	C3 J4	30.4	1	05/13/2025 15:46	WG2513910
1,2,4-Trichlorobenzene	ND	C3	30.4	1	05/13/2025 15:46	WG2513910
1,1,1-Trichloroethane	ND		6.09	1	05/13/2025 15:46	WG2513910
1,1,2-Trichloroethane	ND		6.09	1	05/13/2025 15:46	WG2513910
Trichloroethene	ND		2.43	1	05/13/2025 15:46	WG2513910
Trichlorofluoromethane	ND		6.09	1	05/13/2025 15:46	WG2513910
1,2,3-Trichloropropane	ND		30.4	1	05/13/2025 15:46	WG2513910
1,2,3-Trimethylbenzene	ND		12.2	1	05/13/2025 15:46	WG2513910
Vinyl chloride	ND		6.09	1	05/13/2025 15:46	WG2513910
(S) Toluene-d8	100		75.0-131		05/13/2025 15:46	WG2513910
(S) 4-Bromofluorobenzene	98.0		67.0-138		05/13/2025 15:46	WG2513910
(S) 1,2-Dichloroethane-d4	106		70.0-130		05/13/2025 15:46	WG2513910

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		57.2	1	05/13/2025 23:23	WG2513883
Benzidine	ND	C7	2870	1	05/13/2025 23:23	WG2513883
Benzo(g,h,i)perylene	ND		57.2	1	05/13/2025 23:23	WG2513883
Bis(2-chloroethoxy)methane	ND		572	1	05/13/2025 23:23	WG2513883
Bis(2-chloroethyl)ether	ND		572	1	05/13/2025 23:23	WG2513883
2,2-Oxybis(1-Chloropropane)	ND		572	1	05/13/2025 23:23	WG2513883
4-Bromophenyl-phenylether	ND		572	1	05/13/2025 23:23	WG2513883
2-Chloronaphthalene	ND		57.2	1	05/13/2025 23:23	WG2513883
4-Chlorophenyl-phenylether	ND		572	1	05/13/2025 23:23	WG2513883
1,2-Dichlorobenzene	ND		572	1	05/13/2025 23:23	WG2513883
1,3-Dichlorobenzene	ND		572	1	05/13/2025 23:23	WG2513883
1,4-Dichlorobenzene	ND		572	1	05/13/2025 23:23	WG2513883
3,3-Dichlorobenzidine	ND		572	1	05/13/2025 23:23	WG2513883
2,4-Dinitrotoluene	ND		572	1	05/13/2025 23:23	WG2513883
2,6-Dinitrotoluene	ND		572	1	05/13/2025 23:23	WG2513883
Hexachlorobenzene	ND		572	1	05/13/2025 23:23	WG2513883
Hexachloro-1,3-butadiene	ND		572	1	05/13/2025 23:23	WG2513883
Hexachlorocyclopentadiene	ND	C3	572	1	05/13/2025 23:23	WG2513883
Hexachloroethane	ND		572	1	05/13/2025 23:23	WG2513883
Isophorone	ND		572	1	05/13/2025 23:23	WG2513883
Nitrobenzene	ND		572	1	05/13/2025 23:23	WG2513883
n-Nitrosodimethylamine	ND		572	1	05/13/2025 23:23	WG2513883
n-Nitrosodiphenylamine	ND		572	1	05/13/2025 23:23	WG2513883
n-Nitrosodi-n-propylamine	ND		572	1	05/13/2025 23:23	WG2513883
Phenanthrene	ND		57.2	1	05/13/2025 23:23	WG2513883
Benzylbutyl phthalate	ND		572	1	05/13/2025 23:23	WG2513883
Bis(2-ethylhexyl)phthalate	ND		572	1	05/13/2025 23:23	WG2513883
Di-n-butyl phthalate	ND		572	1	05/13/2025 23:23	WG2513883
Diethyl phthalate	ND		572	1	05/13/2025 23:23	WG2513883
Dimethyl phthalate	ND		572	1	05/13/2025 23:23	WG2513883
Di-n-octyl phthalate	ND		572	1	05/13/2025 23:23	WG2513883
1,2,4-Trichlorobenzene	ND		572	1	05/13/2025 23:23	WG2513883
4-Chloro-3-methylphenol	ND		572	1	05/13/2025 23:23	WG2513883
2-Chlorophenol	ND		572	1	05/13/2025 23:23	WG2513883
2,4-Dichlorophenol	ND		572	1	05/13/2025 23:23	WG2513883
2,4-Dimethylphenol	ND	C3	572	1	05/13/2025 23:23	WG2513883
4,6-Dinitro-2-methylphenol	ND		572	1	05/13/2025 23:23	WG2513883
2,4-Dinitrophenol	ND		572	1	05/13/2025 23:23	WG2513883
2-Nitrophenol	ND		572	1	05/13/2025 23:23	WG2513883
4-Nitrophenol	ND		572	1	05/13/2025 23:23	WG2513883
Pentachlorophenol	ND		572	1	05/13/2025 23:23	WG2513883
Phenol	ND		572	1	05/13/2025 23:23	WG2513883
2,4,6-Trichlorophenol	ND		572	1	05/13/2025 23:23	WG2513883
(S) 2-Fluorophenol	68.8		12.0-120		05/13/2025 23:23	WG2513883
(S) Phenol-d5	62.3		10.0-120		05/13/2025 23:23	WG2513883
(S) Nitrobenzene-d5	54.6		10.0-122		05/13/2025 23:23	WG2513883
(S) 2-Fluorobiphenyl	57.7		15.0-120		05/13/2025 23:23	WG2513883
(S) 2,4,6-Tribromophenol	58.0		10.0-127		05/13/2025 23:23	WG2513883
(S) p-Terphenyl-d14	61.1		10.0-120		05/13/2025 23:23	WG2513883

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND		50.0	1	05/13/2025 13:57	WG2513854
Acrolein	ND		50.0	1	05/13/2025 13:57	WG2513854
Acrylonitrile	ND		10.0	1	05/13/2025 13:57	WG2513854
Benzene	ND		1.00	1	05/13/2025 13:57	WG2513854
Bromobenzene	ND		1.00	1	05/13/2025 13:57	WG2513854
Bromodichloromethane	ND		1.00	1	05/13/2025 13:57	WG2513854
Bromoform	ND		1.00	1	05/13/2025 13:57	WG2513854
Bromomethane	ND	J4	5.00	1	05/13/2025 13:57	WG2513854
n-Butylbenzene	ND		1.00	1	05/13/2025 13:57	WG2513854
sec-Butylbenzene	ND		1.00	1	05/13/2025 13:57	WG2513854
tert-Butylbenzene	ND		1.00	1	05/13/2025 13:57	WG2513854
Carbon tetrachloride	ND		1.00	1	05/13/2025 13:57	WG2513854
Chlorobenzene	ND		1.00	1	05/13/2025 13:57	WG2513854
Chlorodibromomethane	ND		1.00	1	05/13/2025 13:57	WG2513854
Chloroethane	ND		5.00	1	05/13/2025 13:57	WG2513854
Chloroform	ND		5.00	1	05/13/2025 13:57	WG2513854
Chloromethane	ND		2.50	1	05/13/2025 13:57	WG2513854
2-Chlorotoluene	ND		1.00	1	05/13/2025 13:57	WG2513854
4-Chlorotoluene	ND		1.00	1	05/13/2025 13:57	WG2513854
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/13/2025 13:57	WG2513854
1,2-Dibromoethane	ND		1.00	1	05/13/2025 13:57	WG2513854
Dibromomethane	ND		1.00	1	05/13/2025 13:57	WG2513854
1,2-Dichlorobenzene	ND		1.00	1	05/13/2025 13:57	WG2513854
1,3-Dichlorobenzene	ND		1.00	1	05/13/2025 13:57	WG2513854
1,4-Dichlorobenzene	ND		1.00	1	05/13/2025 13:57	WG2513854
Dichlorodifluoromethane	ND	C3	5.00	1	05/13/2025 13:57	WG2513854
1,1-Dichloroethane	ND		1.00	1	05/13/2025 13:57	WG2513854
1,2-Dichloroethane	ND		1.00	1	05/13/2025 13:57	WG2513854
1,1-Dichloroethene	ND		1.00	1	05/13/2025 13:57	WG2513854
cis-1,2-Dichloroethene	ND		1.00	1	05/13/2025 13:57	WG2513854
trans-1,2-Dichloroethene	ND		1.00	1	05/13/2025 13:57	WG2513854
1,2-Dichloropropane	ND		1.00	1	05/13/2025 13:57	WG2513854
1,1-Dichloropropene	ND		1.00	1	05/13/2025 13:57	WG2513854
1,3-Dichloropropane	ND		1.00	1	05/13/2025 13:57	WG2513854
cis-1,3-Dichloropropene	ND		1.00	1	05/13/2025 13:57	WG2513854
trans-1,3-Dichloropropene	ND		1.00	1	05/13/2025 13:57	WG2513854
2,2-Dichloropropane	ND		1.00	1	05/13/2025 13:57	WG2513854
Di-isopropyl ether	ND		1.00	1	05/13/2025 13:57	WG2513854
Ethylbenzene	ND		1.00	1	05/13/2025 13:57	WG2513854
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2025 13:57	WG2513854
Isopropylbenzene	ND		1.00	1	05/13/2025 13:57	WG2513854
p-Isopropyltoluene	ND		1.00	1	05/13/2025 13:57	WG2513854
2-Butanone (MEK)	ND		10.0	1	05/13/2025 13:57	WG2513854
Methylene Chloride	ND		5.00	1	05/13/2025 13:57	WG2513854
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/13/2025 13:57	WG2513854
Methyl tert-butyl ether	ND		1.00	1	05/13/2025 13:57	WG2513854
Naphthalene	ND	C3	5.00	1	05/13/2025 13:57	WG2513854
n-Propylbenzene	ND		1.00	1	05/13/2025 13:57	WG2513854
Styrene	ND		1.00	1	05/13/2025 13:57	WG2513854
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/13/2025 13:57	WG2513854
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/13/2025 13:57	WG2513854
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/13/2025 13:57	WG2513854
Tetrachloroethene	ND		1.00	1	05/13/2025 13:57	WG2513854
Toluene	ND		1.00	1	05/13/2025 13:57	WG2513854
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/13/2025 13:57	WG2513854
1,2,4-Trichlorobenzene	ND	C3	1.00	1	05/13/2025 13:57	WG2513854

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	05/13/2025 13:57	WG2513854
1,1,2-Trichloroethane	ND		1.00	1	05/13/2025 13:57	WG2513854
Trichloroethene	ND		1.00	1	05/13/2025 13:57	WG2513854
Trichlorofluoromethane	ND		5.00	1	05/13/2025 13:57	WG2513854
1,2,3-Trichloropropane	ND		2.50	1	05/13/2025 13:57	WG2513854
1,2,4-Trimethylbenzene	ND		1.00	1	05/13/2025 13:57	WG2513854
1,2,3-Trimethylbenzene	ND		1.00	1	05/13/2025 13:57	WG2513854
1,3,5-Trimethylbenzene	ND		1.00	1	05/13/2025 13:57	WG2513854
Vinyl chloride	ND		1.00	1	05/13/2025 13:57	WG2513854
Xylenes, Total	ND		3.00	1	05/13/2025 13:57	WG2513854
(S) Toluene-d8	109		80.0-120		05/13/2025 13:57	WG2513854
(S) 4-Bromofluorobenzene	96.8		77.0-126		05/13/2025 13:57	WG2513854
(S) 1,2-Dichloroethane-d4	102		70.0-130		05/13/2025 13:57	WG2513854

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4214335-1 05/13/25 13:57

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

1 Cp

2 Tc

3 Ss

L1857956-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1857956-02 05/13/25 13:57 • (DUP) R4214335-3 05/13/25 13:57

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits
Total Solids	91.5	91.3	1	0.184		10

4 Cn

5 Sr

Laboratory Control Sample (LCS)

(LCS) R4214335-2 05/13/25 13:57

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

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4214305-1 05/14/25 00:44

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Ammonia Nitrogen	U		7190	10000

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1857982-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1857982-01 05/14/25 00:56 • (DUP) R4214305-3 05/14/25 00:57

Analyte	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Ammonia Nitrogen	ND	ND	1	0.000		20

L1857999-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1857999-01 05/14/25 01:03 • (DUP) R4214305-4 05/14/25 01:05

Analyte	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Ammonia Nitrogen	ND	ND	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R4214305-2 05/14/25 00:45

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Ammonia Nitrogen	250000	252000	101	90.0-110	

L1857999-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857999-06 05/14/25 01:11 • (MS) R4214305-5 05/14/25 01:12 • (MSD) R4214305-6 05/14/25 01:14

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Ammonia Nitrogen	333000	ND	353000	346000	106	104	1	90.0-110			2.10	20

Method Blank (MB)

(MB) R4215315-1 05/15/25 11:05

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Kjeldahl Nitrogen, TKN	U		15200	20000

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1857956-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1857956-01 05/15/25 14:57 • (DUP) R4215315-11 05/15/25 14:58

Analyte	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Kjeldahl Nitrogen, TKN	906000	926000	5	2.23		20

Laboratory Control Sample (LCS)

(LCS) R4215315-3 05/15/25 11:06

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Kjeldahl Nitrogen, TKN	480000	442000	92.0	81.7-124	

L1857502-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1857502-01 05/15/25 11:07 • (MS) R4215315-5 05/15/25 11:07

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Kjeldahl Nitrogen, TKN	400000	149000	546000	99.2	1	81.7-124	

L1857999-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857999-06 05/15/25 15:10 • (MS) R4215315-13 05/15/25 15:11 • (MSD) R4215315-15 05/15/25 15:11

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Kjeldahl Nitrogen, TKN	533000	2240000	2970000	3210000	137	181	5	81.7-124	V	V	7.64	20

Method Blank (MB)

(MB) R4214337-1 05/13/25 17:09

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Nitrate-Nitrite	608	⬇	606	20000

1 Cp

2 Tc

3 Ss

Laboratory Control Sample (LCS)

(LCS) R4214337-2 05/13/25 17:22

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Nitrate-Nitrite	40000	36100	90.2	80.0-120	

4 Cn

5 Sr

L1857999-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857999-19 05/13/25 20:58 • (MS) R4214337-3 05/13/25 21:12 • (MSD) R4214337-4 05/13/25 21:25

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Nitrate-Nitrite	43200	ND	63100	61700	101	98.3	1	80.0-120			2.20	15

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4214809-1 05/14/25 18:14

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
TOC By Walkley Black	U		25500	100000

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1857956-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1857956-01 05/14/25 18:15 • (DUP) R4214809-3 05/14/25 18:15

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
TOC By Walkley Black	12400000	12300000	5	1.19		20

L1857999-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1857999-10 05/14/25 18:23 • (DUP) R4214809-6 05/14/25 18:23

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
TOC By Walkley Black	25000000	25200000	5	0.690		20

Laboratory Control Sample (LCS)

(LCS) R4214809-2 05/14/25 18:15

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
TOC By Walkley Black	3230000	4210000	130	75.0-144	

L1857999-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857999-06 05/14/25 18:20 • (MS) R4214809-4 05/14/25 18:20 • (MSD) R4214809-5 05/14/25 18:21

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
TOC By Walkley Black	20000000	23700000	42100000	40900000	91.8	85.9	5	80.0-120			2.86	20

Method Blank (MB)

(MB) R4214120-1 05/13/25 15:45

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/kg		ug/kg	ug/kg
Aluminum	U		6080	20000
Antimony	U		691	2000
Beryllium	U		47.7	200
Calcium	U		19000	100000
Cobalt	U		177	1000
Iron	2780	J	2240	10000
Magnesium	U		19900	100000
Manganese	U		173	1000
Potassium	U		20900	100000
Sodium	U		41200	100000
Thallium	U		518	2000
Vanadium	U		383	2000

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Laboratory Control Sample (LCS)

(LCS) R4214120-2 05/13/25 15:47

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/kg	ug/kg	%	%	
Aluminum	1000000	1020000	102	80.0-120	
Antimony	100000	107000	107	80.0-120	
Beryllium	100000	106000	106	80.0-120	
Calcium	1000000	1040000	104	80.0-120	
Cobalt	100000	99600	99.6	80.0-120	
Iron	1000000	1030000	103	80.0-120	
Magnesium	1000000	1010000	101	80.0-120	
Manganese	100000	105000	105	80.0-120	
Potassium	1000000	1040000	104	80.0-120	
Sodium	1000000	1050000	105	80.0-120	
Thallium	100000	108000	108	80.0-120	
Vanadium	100000	101000	101	80.0-120	

L1857956-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857956-02 05/13/25 15:49 • (MS) R4214120-5 05/13/25 15:54 • (MSD) R4214120-6 05/13/25 15:56

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/kg	ug/kg	ug/kg	ug/kg	%	%		%			%	%
Aluminum	1090000	1970000	3710000	3320000	159	124	1	75.0-125	J5		11.0	20
Antimony	109000	ND	110000	108000	101	98.8	1	75.0-125			2.29	20

L1857956-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857956-02 05/13/25 15:49 • (MS) R4214120-5 05/13/25 15:54 • (MSD) R4214120-6 05/13/25 15:56

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Beryllium	109000	252	121000	116000	111	106	1	75.0-125			4.51	20
Calcium	1090000	3350000	3860000	3630000	46.8	26.0	1	75.0-125	J6	J6	6.05	20
Cobalt	109000	2130	121000	115000	109	103	1	75.0-125			5.46	20
Iron	1090000	4290000	6080000	6190000	164	174	1	75.0-125	J5	J5	1.79	20
Magnesium	1090000	1000000	2210000	2020000	110	93.3	1	75.0-125			8.86	20
Manganese	109000	121000	275000	350000	141	210	1	75.0-125	J5	J3 J5	24.2	20
Potassium	1090000	1090000	2210000	2110000	103	93.6	1	75.0-125			4.77	20
Sodium	1090000	130000	1490000	1200000	124	97.5	1	75.0-125		J3	21.6	20
Thallium	109000	ND	123000	116000	113	107	1	75.0-125			5.48	20
Vanadium	109000	7680	124000	120000	106	103	1	75.0-125			3.40	20

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

Method Blank (MB)

(MB) R4214264-3 05/13/25 12:21

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

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4214264-3 05/13/25 12:21

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	108			80.0-120
(S) 4-Bromofluorobenzene	95.9			77.0-126
(S) 1,2-Dichloroethane-d4	102			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R4214264-1 05/13/25 10:18 • (LCSD) R4214264-2 05/13/25 10:38

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Acetone	25.0	35.9	34.4	144	138	19.0-160			4.27	27
Acrolein	25.0	29.6	27.8	118	111	10.0-160			6.27	26
Acrylonitrile	25.0	25.4	25.8	102	103	55.0-149			1.56	20
Benzene	5.00	4.64	4.80	92.8	96.0	70.0-123			3.39	20

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

(LCS) R4214264-1 05/13/25 10:18 • (LCSD) R4214264-2 05/13/25 10:38

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Bromobenzene	5.00	4.88	5.00	97.6	100	73.0-121			2.43	20
Bromodichloromethane	5.00	4.54	4.73	90.8	94.6	75.0-120			4.10	20
Bromoform	5.00	4.87	5.05	97.4	101	68.0-132			3.63	20
Bromomethane	5.00	9.14	9.47	183	189	10.0-160	J4	J4	3.55	25
n-Butylbenzene	5.00	5.26	5.37	105	107	73.0-125			2.07	20
sec-Butylbenzene	5.00	4.97	5.04	99.4	101	75.0-125			1.40	20
tert-Butylbenzene	5.00	5.05	5.23	101	105	76.0-124			3.50	20
Carbon tetrachloride	5.00	4.67	4.90	93.4	98.0	68.0-126			4.81	20
Chlorobenzene	5.00	5.15	5.19	103	104	80.0-121			0.774	20
Chlorodibromomethane	5.00	4.99	5.21	99.8	104	77.0-125			4.31	20
Chloroethane	5.00	5.16	5.31	103	106	47.0-150			2.87	20
Chloroform	5.00	4.60	4.72	92.0	94.4	73.0-120			2.58	20
Chloromethane	5.00	4.86	5.14	97.2	103	41.0-142			5.60	20
2-Chlorotoluene	5.00	5.44	5.58	109	112	76.0-123			2.54	20
4-Chlorotoluene	5.00	5.29	5.34	106	107	75.0-122			0.941	20
1,2-Dibromo-3-Chloropropane	5.00	4.26	4.54	85.2	90.8	58.0-134			6.36	20
1,2-Dibromoethane	5.00	5.19	5.22	104	104	80.0-122			0.576	20
Dibromomethane	5.00	5.15	5.27	103	105	80.0-120			2.30	20
1,2-Dichlorobenzene	5.00	5.23	5.20	105	104	79.0-121			0.575	20
1,3-Dichlorobenzene	5.00	5.11	5.21	102	104	79.0-120			1.94	20
1,4-Dichlorobenzene	5.00	4.97	5.03	99.4	101	79.0-120			1.20	20
Dichlorodifluoromethane	5.00	3.55	3.71	71.0	74.2	51.0-149			4.41	20
1,1-Dichloroethane	5.00	4.77	4.99	95.4	99.8	70.0-126			4.51	20
1,2-Dichloroethane	5.00	5.03	5.10	101	102	70.0-128			1.38	20
1,1-Dichloroethene	5.00	4.23	4.50	84.6	90.0	71.0-124			6.19	20
cis-1,2-Dichloroethene	5.00	4.51	4.66	90.2	93.2	73.0-120			3.27	20
trans-1,2-Dichloroethene	5.00	4.53	4.58	90.6	91.6	73.0-120			1.10	20
1,2-Dichloropropane	5.00	4.98	5.23	99.6	105	77.0-125			4.90	20
1,1-Dichloropropene	5.00	4.59	4.69	91.8	93.8	74.0-126			2.16	20
1,3-Dichloropropane	5.00	5.38	5.54	108	111	80.0-120			2.93	20
cis-1,3-Dichloropropene	5.00	4.61	4.81	92.2	96.2	80.0-123			4.25	20
trans-1,3-Dichloropropene	5.00	5.13	5.38	103	108	78.0-124			4.76	20
2,2-Dichloropropane	5.00	4.20	4.27	84.0	85.4	58.0-130			1.65	20
Di-isopropyl ether	5.00	4.92	5.06	98.4	101	58.0-138			2.81	20
Ethylbenzene	5.00	4.89	5.04	97.8	101	79.0-123			3.02	20
Hexachloro-1,3-butadiene	5.00	4.92	4.93	98.4	98.6	54.0-138			0.203	20
Isopropylbenzene	5.00	4.83	5.04	96.6	101	76.0-127			4.26	20
p-Isopropyltoluene	5.00	5.16	5.23	103	105	76.0-125			1.35	20
2-Butanone (MEK)	25.0	31.2	31.1	125	124	44.0-160			0.321	20
Methylene Chloride	5.00	4.52	4.56	90.4	91.2	67.0-120			0.881	20

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

(LCS) R4214264-1 05/13/25 10:18 • (LCSD) R4214264-2 05/13/25 10:38

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
4-Methyl-2-pentanone (MIBK)	25.0	30.0	30.6	120	122	68.0-142			1.98	20
Methyl tert-butyl ether	5.00	4.66	4.70	93.2	94.0	68.0-125			0.855	20
Naphthalene	5.00	3.51	3.68	70.2	73.6	54.0-135			4.73	20
n-Propylbenzene	5.00	5.23	5.38	105	108	77.0-124			2.83	20
Styrene	5.00	4.77	4.95	95.4	99.0	73.0-130			3.70	20
1,1,1,2-Tetrachloroethane	5.00	5.15	5.33	103	107	75.0-125			3.44	20
1,1,2,2-Tetrachloroethane	5.00	5.08	5.28	102	106	65.0-130			3.86	20
1,1,2-Trichlorotrifluoroethane	5.00	4.57	4.72	91.4	94.4	69.0-132			3.23	20
Tetrachloroethene	5.00	4.74	5.09	94.8	102	72.0-132			7.12	20
Toluene	5.00	4.95	5.12	99.0	102	79.0-120			3.38	20
1,2,3-Trichlorobenzene	5.00	3.46	3.78	69.2	75.6	50.0-138			8.84	20
1,2,4-Trichlorobenzene	5.00	3.71	3.92	74.2	78.4	57.0-137			5.50	20
1,1,1-Trichloroethane	5.00	4.61	4.77	92.2	95.4	73.0-124			3.41	20
1,1,2-Trichloroethane	5.00	5.09	5.10	102	102	80.0-120			0.196	20
Trichloroethene	5.00	4.67	4.85	93.4	97.0	78.0-124			3.78	20
Trichlorofluoromethane	5.00	4.56	4.74	91.2	94.8	59.0-147			3.87	20
1,2,3-Trichloropropane	5.00	5.59	5.83	112	117	73.0-130			4.20	20
1,2,4-Trimethylbenzene	5.00	4.81	4.97	96.2	99.4	76.0-121			3.27	20
1,2,3-Trimethylbenzene	5.00	4.99	5.03	99.8	101	77.0-120			0.798	20
1,3,5-Trimethylbenzene	5.00	5.09	5.20	102	104	76.0-122			2.14	20
Vinyl chloride	5.00	4.62	4.98	92.4	99.6	67.0-131			7.50	20
Xylenes, Total	15.0	15.1	15.5	101	103	79.0-123			2.61	20
<i>(S) Toluene-d8</i>				107	108	80.0-120				
<i>(S) 4-Bromofluorobenzene</i>				98.2	99.0	77.0-126				
<i>(S) 1,2-Dichloroethane-d4</i>				101	101	70.0-130				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1858014-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1858014-01 05/13/25 18:43 • (MS) R4214264-4 05/13/25 20:25 • (MSD) R4214264-5 05/13/25 20:45

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Acetone	25.0	ND	ND	ND	91.6	90.8	1	10.0-160			0.877	35
Acrolein	25.0	ND	ND	ND	112	112	1	10.0-160			0.714	39
Acrylonitrile	25.0	ND	25.2	24.8	101	99.2	1	21.0-160			1.60	32
Benzene	5.00	ND	4.91	4.78	98.2	95.6	1	17.0-158			2.68	27
Bromobenzene	5.00	ND	4.95	5.01	99.0	100	1	30.0-149			1.20	28
Bromodichloromethane	5.00	ND	4.80	4.65	96.0	93.0	1	31.0-150			3.17	27
Bromoform	5.00	ND	4.99	4.92	99.8	98.4	1	29.0-150			1.41	29
Bromomethane	5.00	ND	8.45	8.73	169	175	1	10.0-160	<u>J5</u>	<u>J5</u>	3.26	38

L1858014-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1858014-01 05/13/25 18:43 • (MS) R4214264-4 05/13/25 20:25 • (MSD) R4214264-5 05/13/25 20:45

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
n-Butylbenzene	5.00	ND	5.36	5.57	107	111	1	31.0-150			3.84	30
sec-Butylbenzene	5.00	ND	5.18	5.29	104	106	1	33.0-155			2.10	29
tert-Butylbenzene	5.00	ND	5.34	5.16	107	103	1	34.0-153			3.43	28
Carbon tetrachloride	5.00	ND	5.19	5.10	104	102	1	23.0-159			1.75	28
Chlorobenzene	5.00	ND	5.39	5.22	108	104	1	33.0-152			3.20	27
Chlorodibromomethane	5.00	ND	5.07	5.21	101	104	1	37.0-149			2.72	27
Chloroethane	5.00	ND	5.38	ND	108	99.6	1	10.0-160			7.72	30
Chloroform	5.00	ND	ND	ND	96.8	95.8	1	29.0-154			1.04	28
Chloromethane	5.00	ND	5.24	5.31	105	106	1	10.0-160			1.33	29
2-Chlorotoluene	5.00	ND	5.57	5.53	111	111	1	32.0-153			0.721	28
4-Chlorotoluene	5.00	ND	5.28	5.28	106	106	1	32.0-150			0.000	28
1,2-Dibromo-3-Chloropropane	5.00	ND	ND	ND	84.4	86.2	1	22.0-151			2.11	34
1,2-Dibromoethane	5.00	ND	5.06	4.98	101	99.6	1	34.0-147			1.59	27
Dibromomethane	5.00	ND	5.09	5.04	102	101	1	30.0-151			0.987	27
1,2-Dichlorobenzene	5.00	ND	5.17	5.07	103	101	1	34.0-149			1.95	28
1,3-Dichlorobenzene	5.00	ND	5.15	5.07	103	101	1	36.0-146			1.57	27
1,4-Dichlorobenzene	5.00	ND	4.95	4.96	99.0	99.2	1	35.0-142			0.202	27
Dichlorodifluoromethane	5.00	ND	ND	ND	80.6	78.8	1	10.0-160			2.26	29
1,1-Dichloroethane	5.00	ND	5.07	4.93	101	98.6	1	25.0-158			2.80	27
1,2-Dichloroethane	5.00	ND	5.01	4.95	100	99.0	1	29.0-151			1.20	27
1,1-Dichloroethene	5.00	ND	4.91	4.59	98.2	91.8	1	11.0-160			6.74	29
cis-1,2-Dichloroethene	5.00	ND	4.88	4.58	97.6	91.6	1	10.0-160			6.34	27
trans-1,2-Dichloroethene	5.00	ND	4.91	4.66	98.2	93.2	1	17.0-153			5.22	27
1,2-Dichloropropane	5.00	ND	5.29	5.14	106	103	1	30.0-156			2.88	27
1,1-Dichloropropene	5.00	ND	4.94	4.83	98.8	96.6	1	25.0-158			2.25	27
1,3-Dichloropropane	5.00	ND	5.52	5.40	110	108	1	38.0-147			2.20	27
cis-1,3-Dichloropropene	5.00	ND	4.47	4.37	89.4	87.4	1	34.0-149			2.26	28
trans-1,3-Dichloropropene	5.00	ND	5.25	5.15	105	103	1	32.0-149			1.92	28
2,2-Dichloropropane	5.00	ND	4.87	4.62	97.4	92.4	1	24.0-152			5.27	29
Di-isopropyl ether	5.00	ND	5.09	4.96	102	99.2	1	21.0-160			2.59	28
Ethylbenzene	5.00	ND	5.17	4.98	103	99.6	1	30.0-155			3.74	27
Hexachloro-1,3-butadiene	5.00	ND	4.91	5.16	98.2	103	1	20.0-154			4.97	34
Isopropylbenzene	5.00	ND	5.16	4.96	103	99.2	1	28.0-157			3.95	27
p-Isopropyltoluene	5.00	ND	5.34	5.36	107	107	1	30.0-154			0.374	29
2-Butanone (MEK)	25.0	ND	25.1	24.9	100	99.6	1	10.0-160			0.800	32
Methylene Chloride	5.00	ND	ND	ND	93.4	89.0	1	23.0-144			4.82	28
4-Methyl-2-pentanone (MIBK)	25.0	ND	29.7	29.3	119	117	1	29.0-160			1.36	29
Methyl tert-butyl ether	5.00	ND	4.54	4.39	90.8	87.8	1	28.0-150			3.36	29
Naphthalene	5.00	ND	ND	ND	66.6	69.0	1	12.0-156			3.54	35
n-Propylbenzene	5.00	ND	5.47	5.50	109	110	1	31.0-154			0.547	28

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1858014-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1858014-01 05/13/25 18:43 • (MS) R4214264-4 05/13/25 20:25 • (MSD) R4214264-5 05/13/25 20:45

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Styrene	5.00	ND	4.78	4.71	95.6	94.2	1	33.0-155			1.48	28
1,1,1,2-Tetrachloroethane	5.00	ND	5.35	5.29	107	106	1	36.0-151			1.13	29
1,1,2,2-Tetrachloroethane	5.00	ND	5.41	5.47	108	109	1	33.0-150			1.10	28
1,1,2-Trichlorotrifluoroethane	5.00	ND	5.24	5.28	105	106	1	23.0-160			0.760	30
Tetrachloroethene	5.00	ND	5.10	5.02	102	100	1	10.0-160			1.58	27
Toluene	5.00	ND	5.28	5.15	106	103	1	26.0-154			2.49	28
1,2,3-Trichlorobenzene	5.00	ND	3.42	3.63	68.4	72.6	1	17.0-150			5.96	36
1,2,4-Trichlorobenzene	5.00	ND	3.42	3.66	68.4	73.2	1	24.0-150			6.78	33
1,1,1-Trichloroethane	5.00	ND	4.94	4.86	98.8	97.2	1	23.0-160			1.63	28
1,1,2-Trichloroethane	5.00	ND	5.03	5.04	101	101	1	35.0-147			0.199	27
Trichloroethene	5.00	ND	4.72	4.74	94.4	94.8	1	10.0-160			0.423	25
Trichlorofluoromethane	5.00	ND	5.23	5.14	105	103	1	17.0-160			1.74	31
1,2,3-Trichloropropane	5.00	ND	5.52	5.41	110	108	1	34.0-151			2.01	29
1,2,4-Trimethylbenzene	5.00	ND	4.87	4.98	97.4	99.6	1	26.0-154			2.23	27
1,2,3-Trimethylbenzene	5.00	ND	5.07	4.93	101	98.6	1	32.0-149			2.80	28
1,3,5-Trimethylbenzene	5.00	ND	5.12	5.13	102	103	1	28.0-153			0.195	27
Vinyl chloride	5.00	ND	5.38	5.13	108	103	1	10.0-160			4.76	27
Xylenes, Total	15.0	ND	15.7	15.2	105	101	1	29.0-154			3.24	28
(S) Toluene-d8					105	107		80.0-120				
(S) 4-Bromofluorobenzene					97.6	97.8		77.0-126				
(S) 1,2-Dichloroethane-d4					98.4	97.6		70.0-130				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4214262-3 05/13/25 12:01

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/kg		ug/kg	ug/kg
Acetone	U		36.5	50.0
Acrylonitrile	U		3.61	12.5
Bromobenzene	U		0.900	12.5
Bromodichloromethane	U		0.725	2.50
Bromoform	U		1.17	25.0
Bromomethane	U		1.97	12.5
n-Butylbenzene	U		5.25	12.5
sec-Butylbenzene	U		2.88	12.5
tert-Butylbenzene	U		1.95	5.00
Carbon tetrachloride	U		0.898	5.00
Chlorobenzene	U		0.210	2.50
Chlorodibromomethane	U		0.612	2.50
Chloroethane	U		1.70	5.00
Chloroform	1.24	U	1.03	2.50
Chloromethane	U		4.35	12.5
2-Chlorotoluene	U		0.865	2.50
4-Chlorotoluene	U		0.450	5.00
1,2-Dibromo-3-Chloropropane	U		3.90	25.0
1,2-Dibromoethane	U		0.648	2.50
Dibromomethane	U		0.750	5.00
1,2-Dichlorobenzene	0.447	U	0.425	5.00
1,3-Dichlorobenzene	U		0.600	5.00
1,4-Dichlorobenzene	U		0.700	5.00
Dichlorodifluoromethane	U		1.61	5.00
1,1-Dichloroethane	U		0.491	2.50
1,2-Dichloroethane	U		0.649	2.50
1,1-Dichloroethene	U		0.606	2.50
cis-1,2-Dichloroethene	U		0.734	2.50
trans-1,2-Dichloroethene	U		1.04	5.00
1,2-Dichloropropane	U		1.42	5.00
1,1-Dichloropropene	U		0.809	2.50
1,3-Dichloropropane	U		0.501	5.00
cis-1,3-Dichloropropene	U		0.757	2.50
trans-1,3-Dichloropropene	U		1.14	5.00
2,2-Dichloropropane	U		1.38	2.50
Di-isopropyl ether	U		0.410	1.00
Hexachloro-1,3-butadiene	U		6.00	25.0
Isopropylbenzene	U		0.425	2.50
p-Isopropyltoluene	U		2.55	5.00
2-Butanone (MEK)	U		63.5	100

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4214262-3 05/13/25 12:01

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/kg		ug/kg	ug/kg
Methylene Chloride	U		6.64	25.0
4-Methyl-2-pentanone (MIBK)	U		2.28	25.0
Methyl tert-butyl ether	U		0.350	1.00
n-Propylbenzene	U		0.950	5.00
Styrene	U		0.229	12.5
1,1,1,2-Tetrachloroethane	U		0.948	2.50
1,1,2,2-Tetrachloroethane	U		0.695	2.50
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50
Tetrachloroethene	U		0.896	2.50
1,2,3-Trichlorobenzene	U		7.33	12.5
1,2,4-Trichlorobenzene	U		4.40	12.5
1,1,1-Trichloroethane	U		0.923	2.50
1,1,2-Trichloroethane	U		0.597	2.50
Trichloroethene	U		0.584	1.00
Trichlorofluoromethane	U		0.827	2.50
1,2,3-Trichloropropane	U		1.62	12.5
1,2,3-Trimethylbenzene	U		1.58	5.00
Vinyl chloride	U		1.16	2.50
(S) Toluene-d8	97.8			75.0-131
(S) 4-Bromofluorobenzene	92.8			67.0-138
(S) 1,2-Dichloroethane-d4	106			70.0-130

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

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

(LCS) R4214262-1 05/13/25 10:22 • (LCSD) R4214262-2 05/13/25 10:42

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/kg	ug/kg	ug/kg	%	%	%			%	%
Acetone	625	953	949	152	152	10.0-160			0.421	31
Acrylonitrile	625	695	723	111	116	45.0-153			3.95	22
Bromobenzene	125	134	136	107	109	73.0-121			1.48	20
Bromodichloromethane	125	126	135	101	108	73.0-121			6.90	20
Bromoform	125	106	105	84.8	84.0	64.0-132			0.948	20
Bromomethane	125	158	168	126	134	56.0-147			6.13	20
n-Butylbenzene	125	121	126	96.8	101	68.0-135			4.05	20
sec-Butylbenzene	125	125	129	100	103	74.0-130			3.15	20
tert-Butylbenzene	125	122	126	97.6	101	75.0-127			3.23	20
Carbon tetrachloride	125	129	138	103	110	66.0-128			6.74	20
Chlorobenzene	125	131	134	105	107	76.0-128			2.26	20
Chlorodibromomethane	125	117	122	93.6	97.6	74.0-127			4.18	20

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

(LCS) R4214262-1 05/13/25 10:22 • (LCSD) R4214262-2 05/13/25 10:42

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Chloroethane	125	151	163	121	130	61.0-134			7.64	20
Chloroform	125	136	141	109	113	72.0-123			3.61	20
Chloromethane	125	148	153	118	122	51.0-138			3.32	20
2-Chlorotoluene	125	137	139	110	111	75.0-124			1.45	20
4-Chlorotoluene	125	133	135	106	108	75.0-124			1.49	20
1,2-Dibromo-3-Chloropropane	125	84.0	84.0	67.2	67.2	59.0-130			0.000	20
1,2-Dibromoethane	125	114	118	91.2	94.4	74.0-128			3.45	20
Dibromomethane	125	130	130	104	104	75.0-122			0.000	20
1,2-Dichlorobenzene	125	126	129	101	103	76.0-124			2.35	20
1,3-Dichlorobenzene	125	131	133	105	106	76.0-125			1.52	20
1,4-Dichlorobenzene	125	132	131	106	105	77.0-121			0.760	20
Dichlorodifluoromethane	125	170	171	136	137	43.0-156			0.587	20
1,1-Dichloroethane	125	141	146	113	117	70.0-127			3.48	20
1,2-Dichloroethane	125	137	144	110	115	65.0-131			4.98	20
1,1-Dichloroethene	125	130	136	104	109	65.0-131			4.51	20
cis-1,2-Dichloroethene	125	126	132	101	106	73.0-125			4.65	20
trans-1,2-Dichloroethene	125	135	139	108	111	71.0-125			2.92	20
1,2-Dichloropropane	125	133	145	106	116	74.0-125			8.63	20
1,1-Dichloropropene	125	127	135	102	108	73.0-125			6.11	20
1,3-Dichloropropane	125	127	127	102	102	80.0-125			0.000	20
cis-1,3-Dichloropropene	125	128	131	102	105	76.0-127			2.32	20
trans-1,3-Dichloropropene	125	126	128	101	102	73.0-127			1.57	20
2,2-Dichloropropane	125	141	148	113	118	59.0-135			4.84	20
Di-isopropyl ether	125	146	153	117	122	60.0-136			4.68	20
Hexachloro-1,3-butadiene	125	77.9	85.8	62.3	68.6	57.0-150			9.65	20
Isopropylbenzene	125	121	127	96.8	102	72.0-127			4.84	20
p-Isopropyltoluene	125	121	124	96.8	99.2	72.0-133			2.45	20
2-Butanone (MEK)	625	801	812	128	130	30.0-160			1.36	24
Methylene Chloride	125	138	140	110	112	68.0-123			1.44	20
4-Methyl-2-pentanone (MIBK)	625	668	683	107	109	56.0-143			2.22	20
Methyl tert-butyl ether	125	127	135	102	108	66.0-132			6.11	20
n-Propylbenzene	125	136	139	109	111	74.0-126			2.18	20
Styrene	125	118	122	94.4	97.6	72.0-127			3.33	20
1,1,1,2-Tetrachloroethane	125	121	125	96.8	100	74.0-129			3.25	20
1,1,2,2-Tetrachloroethane	125	122	124	97.6	99.2	68.0-128			1.63	20
1,1,2-Trichlorotrifluoroethane	125	142	151	114	121	61.0-139			6.14	20
Tetrachloroethene	125	124	124	99.2	99.2	70.0-136			0.000	20
1,2,3-Trichlorobenzene	125	69.8	81.7	55.8	65.4	59.0-139	J4		15.7	20
1,2,4-Trichlorobenzene	125	86.8	91.7	69.4	73.4	62.0-137			5.49	20
1,1,1-Trichloroethane	125	134	139	107	111	69.0-126			3.66	20

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

(LCS) R4214262-1 05/13/25 10:22 • (LCSD) R4214262-2 05/13/25 10:42

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
1,1,2-Trichloroethane	125	123	122	98.4	97.6	78.0-123			0.816	20
Trichloroethene	125	125	131	100	105	76.0-126			4.69	20
Trichlorofluoromethane	125	155	164	124	131	61.0-142			5.64	20
1,2,3-Trichloropropane	125	126	127	101	102	67.0-129			0.791	20
1,2,3-Trimethylbenzene	125	122	126	97.6	101	74.0-124			3.23	20
Vinyl chloride	125	155	162	124	130	63.0-134			4.42	20
(S) Toluene-d8				98.9	97.3	75.0-131				
(S) 4-Bromofluorobenzene				90.9	90.8	67.0-138				
(S) 1,2-Dichloroethane-d4				109	109	70.0-130				

L1857999-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857999-06 05/13/25 18:04 • (MS) R4214262-4 05/13/25 21:02 • (MSD) R4214262-5 05/13/25 21:22

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Acetone	1040	ND	1640	1720	158	165	1	10.0-160		J5	4.47	40
Acrylonitrile	1040	ND	1230	1270	118	122	1	10.0-160			3.21	40
Bromobenzene	208	ND	141	232	67.6	111	1	10.0-156		J3	48.8	38
Bromodichloromethane	208	ND	145	238	69.5	114	1	10.0-143		J3	48.8	37
Bromoform	208	ND	142	170	68.1	81.6	1	10.0-146			18.1	36
Bromomethane	208	ND	173	282	83.2	135	1	10.0-149		J3	47.6	38
n-Butylbenzene	208	ND	95.3	228	45.8	110	1	10.0-160		J3	82.2	40
sec-Butylbenzene	208	ND	94.0	233	45.1	112	1	10.0-159		J3	85.1	39
tert-Butylbenzene	208	ND	96.1	227	46.2	109	1	10.0-156		J3	80.8	39
Carbon tetrachloride	208	ND	83.0	247	39.8	118	1	10.0-145		J3	99.3	37
Chlorobenzene	208	ND	131	238	62.8	114	1	10.0-152		J3	58.2	39
Chlorodibromomethane	208	ND	147	195	70.6	93.6	1	10.0-146			28.0	37
Chloroethane	208	ND	40.3	104	19.4	49.9	1	10.0-146		J3	88.2	40
Chloroform	208	ND	126	250	60.6	120	1	10.0-146		J3	65.7	37
Chloromethane	208	ND	132	342	63.4	164	1	10.0-159		J3 J5	88.4	37
2-Chlorotoluene	208	ND	123	247	59.1	118	1	10.0-159		J3	66.8	38
4-Chlorotoluene	208	ND	127	238	61.2	114	1	10.0-155		J3	60.6	39
1,2-Dibromo-3-Chloropropane	208	ND	120	132	57.5	63.6	1	10.0-151			10.0	39
1,2-Dibromoethane	208	ND	161	202	77.1	96.8	1	10.0-148			22.6	34
Dibromomethane	208	ND	178	232	85.6	111	1	10.0-147			26.0	35
1,2-Dichlorobenzene	208	ND	150	225	72.0	108	1	10.0-155		J3	40.0	37
1,3-Dichlorobenzene	208	ND	140	240	67.2	115	1	10.0-153		J3	52.6	38
1,4-Dichlorobenzene	208	ND	147	238	70.6	114	1	10.0-151		J3	47.3	38
Dichlorodifluoromethane	208	ND	130	441	62.6	212	1	10.0-160		J3 J5	109	35

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1857999-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857999-06 05/13/25 18:04 • (MS) R4214262-4 05/13/25 21:02 • (MSD) R4214262-5 05/13/25 21:22

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,1-Dichloroethane	208	ND	117	258	56.0	124	1	10.0-147		J3	75.6	37
1,2-Dichloroethane	208	ND	173	245	83.2	118	1	10.0-148			34.3	35
1,1-Dichloroethene	208	ND	77.6	240	37.3	115	1	10.0-155		J3	102	37
cis-1,2-Dichloroethene	208	ND	124	237	59.4	114	1	10.0-149		J3	62.6	37
trans-1,2-Dichloroethene	208	ND	101	243	48.4	117	1	10.0-150		J3	82.8	37
1,2-Dichloropropane	208	ND	145	252	69.8	121	1	10.0-148		J3	53.5	37
1,1-Dichloropropene	208	ND	88.0	258	42.2	124	1	10.0-153		J3	98.4	35
1,3-Dichloropropane	208	ND	170	220	81.6	106	1	10.0-154			25.6	35
cis-1,3-Dichloropropene	208	ND	149	235	71.6	113	1	10.0-151		J3	44.7	37
trans-1,3-Dichloropropene	208	ND	160	217	76.6	104	1	10.0-148			30.3	37
2,2-Dichloropropane	208	ND	99.3	258	47.7	124	1	10.0-138		J3	88.9	36
Di-isopropyl ether	208	ND	167	262	80.0	126	1	10.0-147		J3	44.4	36
Hexachloro-1,3-butadiene	208	ND	66.3	149	31.8	71.4	1	10.0-160		J3	76.6	40
Isopropylbenzene	208	ND	97.6	233	46.9	112	1	10.0-155		J3	82.0	38
p-Isopropyltoluene	208	ND	94.0	223	45.1	107	1	10.0-160		J3	81.5	40
2-Butanone (MEK)	1040	ND	1370	1410	132	136	1	10.0-160			2.63	40
Methylene Chloride	208	ND	142	247	68.1	118	1	10.0-141		J3	54.0	37
4-Methyl-2-pentanone (MIBK)	1040	ND	1080	1140	103	110	1	10.0-160			5.86	35
Methyl tert-butyl ether	208	ND	170	217	81.6	104	1	11.0-147			24.1	35
n-Propylbenzene	208	ND	103	243	49.4	117	1	10.0-158		J3	81.0	38
Styrene	208	ND	122	213	58.8	102	1	10.0-160		J3	54.1	40
1,1,1,2-Tetrachloroethane	208	ND	129	212	61.8	102	1	10.0-149		J3	48.7	39
1,1,2,2-Tetrachloroethane	208	ND	170	192	81.6	92.0	1	10.0-160			12.0	35
1,1,2-Trichlorotrifluoroethane	208	ND	77.0	260	37.0	125	1	10.0-160		J3	109	36
Tetrachloroethene	208	ND	87.1	235	41.8	113	1	10.0-156		J3	91.8	39
1,2,3-Trichlorobenzene	208	ND	80.8	126	38.8	60.6	1	10.0-160		J3	43.9	40
1,2,4-Trichlorobenzene	208	ND	101	152	48.6	73.0	1	10.0-160			40.0	40
1,1,1-Trichloroethane	208	ND	94.3	258	45.3	124	1	10.0-144		J3	93.0	35
1,1,2-Trichloroethane	208	ND	161	210	77.2	101	1	10.0-160			26.5	35
Trichloroethene	208	ND	101	250	48.5	120	1	10.0-156		J3	84.9	38
Trichlorofluoromethane	208	ND	36.6	117	17.6	56.2	1	10.0-160		J3	105	40
1,2,3-Trichloropropane	208	ND	192	205	92.0	98.4	1	10.0-156			6.72	35
1,2,3-Trimethylbenzene	208	ND	129	218	62.1	105	1	10.0-160		J3	51.2	36
Vinyl chloride	208	ND	113	366	54.5	176	1	10.0-160		J3 J5	105	37
(S) Toluene-d8					96.4	95.5		75.0-131				
(S) 4-Bromofluorobenzene					88.9	88.1		67.0-138				
(S) 1,2-Dichloroethane-d4					107	107		70.0-130				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4214274-2 05/13/25 21:37

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Acenaphthylene	U		4.69	33.3
Benzidine	U		62.6	1670
Benzo(g,h,i)perylene	U		6.09	33.3
Bis(2-chlorethoxy)methane	U		10.0	333
Bis(2-chloroethyl)ether	U		11.0	333
2,2-Oxybis(1-Chloropropane)	U		14.4	333
4-Bromophenyl-phenylether	U		11.7	333
2-Chloronaphthalene	U		5.85	33.3
4-Chlorophenyl-phenylether	U		11.6	333
1,2-Dichlorobenzene	U		9.87	333
1,3-Dichlorobenzene	U		10.1	333
1,4-Dichlorobenzene	U		9.91	333
3,3-Dichlorobenzidine	U		12.3	333
2,4-Dinitrotoluene	U		9.55	333
2,6-Dinitrotoluene	U		10.9	333
Hexachlorobenzene	U		11.8	333
Hexachloro-1,3-butadiene	U		11.2	333
Hexachlorocyclopentadiene	U		17.5	333
Hexachloroethane	U		13.1	333
Isophorone	U		10.2	333
Nitrobenzene	U		11.6	333
n-Nitrosodimethylamine	U		49.4	333
n-Nitrosodiphenylamine	U		25.2	333
n-Nitrosodi-n-propylamine	U		11.1	333
Phenanthrene	U		6.61	33.3
Benzylbutyl phthalate	U		10.4	333
Bis(2-ethylhexyl)phthalate	U		42.2	333
Di-n-butyl phthalate	U		11.4	333
Diethyl phthalate	U		11.0	333
Dimethyl phthalate	U		70.6	333
Di-n-octyl phthalate	U		22.5	333
1,2,4-Trichlorobenzene	U		10.4	333
4-Chloro-3-methylphenol	U		10.8	333
2-Chlorophenol	U		11.0	333
2,4-Dichlorophenol	U		9.70	333
2,4-Dimethylphenol	U		8.70	333
4,6-Dinitro-2-methylphenol	U		75.5	333
2,4-Dinitrophenol	U		77.9	333
2-Nitrophenol	U		11.9	333
4-Nitrophenol	U		10.4	333

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4214274-2 05/13/25 21:37

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/kg		ug/kg	ug/kg
Pentachlorophenol	U		8.96	333
Phenol	U		13.4	333
2,4,6-Trichlorophenol	U		10.7	333
(S) 2-Fluorophenol	60.1			12.0-120
(S) Phenol-d5	51.7			10.0-120
(S) Nitrobenzene-d5	45.6			10.0-122
(S) 2-Fluorobiphenyl	47.4			15.0-120
(S) 2,4,6-Tribromophenol	48.5			10.0-127
(S) p-Terphenyl-d14	61.0			10.0-120

Laboratory Control Sample (LCS)

(LCS) R4214274-1 05/13/25 21:16

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/kg	ug/kg	%	%	
Acenaphthylene	666	399	59.9	40.0-120	
Benzidine	1330	731	55.0	10.0-120	
Benzo(g,h,i)perylene	666	477	71.6	43.0-120	
Bis(2-chlorethoxy)methane	666	303	45.5	20.0-120	
Bis(2-chloroethyl)ether	666	368	55.3	16.0-120	
2,2-Oxybis(1-Chloropropane)	666	522	78.4	23.0-120	
4-Bromophenyl-phenylether	666	454	68.2	40.0-120	
2-Chloronaphthalene	666	367	55.1	35.0-120	
4-Chlorophenyl-phenylether	666	436	65.5	40.0-120	
1,2-Dichlorobenzene	666	313	47.0	32.0-120	
1,3-Dichlorobenzene	666	315	47.3	30.0-120	
1,4-Dichlorobenzene	666	324	48.6	31.0-120	
3,3-Dichlorobenzidine	1330	1110	83.5	28.0-120	
2,4-Dinitrotoluene	666	498	74.8	45.0-120	
2,6-Dinitrotoluene	666	496	74.5	42.0-120	
Hexachlorobenzene	666	441	66.2	39.0-120	
Hexachloro-1,3-butadiene	666	335	50.3	15.0-120	
Hexachlorocyclopentadiene	666	157	23.6	15.0-120	
Hexachloroethane	666	308	46.2	17.0-120	
Isophorone	666	338	50.8	23.0-120	
Nitrobenzene	666	313	47.0	17.0-120	
n-Nitrosodimethylamine	666	517	77.6	10.0-125	
n-Nitrosodiphenylamine	666	426	64.0	40.0-120	
n-Nitrosodi-n-propylamine	666	324	48.6	26.0-120	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS)

(LCS) R4214274-1 05/13/25 21:16

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Phenanthrene	666	426	64.0	42.0-120	
Benzylbutyl phthalate	666	576	86.5	40.0-120	
Bis(2-ethylhexyl)phthalate	666	535	80.3	41.0-120	
Di-n-butyl phthalate	666	479	71.9	43.0-120	
Diethyl phthalate	666	498	74.8	43.0-120	
Dimethyl phthalate	666	468	70.3	43.0-120	
Di-n-octyl phthalate	666	616	92.5	40.0-120	
1,2,4-Trichlorobenzene	666	315	47.3	17.0-120	
4-Chloro-3-methylphenol	666	390	58.6	28.0-120	
2-Chlorophenol	666	328	49.2	28.0-120	
2,4-Dichlorophenol	666	369	55.4	25.0-120	
2,4-Dimethylphenol	666	325	48.8	15.0-120	
4,6-Dinitro-2-methylphenol	666	673	101	16.0-120	
2,4-Dinitrophenol	666	634	95.2	10.0-120	
2-Nitrophenol	666	364	54.7	20.0-120	
4-Nitrophenol	666	453	68.0	27.0-120	
Pentachlorophenol	666	379	56.9	29.0-120	
Phenol	666	351	52.7	28.0-120	
2,4,6-Trichlorophenol	666	444	66.7	37.0-120	
(S) 2-Fluorophenol			64.0	12.0-120	
(S) Phenol-d5			57.1	10.0-120	
(S) Nitrobenzene-d5			41.4	10.0-122	
(S) 2-Fluorobiphenyl			52.9	15.0-120	
(S) 2,4,6-Tribromophenol			77.9	10.0-127	
(S) p-Terphenyl-d14			64.0	10.0-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1857999-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857999-06 05/14/25 01:29 • (MS) R4214274-3 05/14/25 01:50 • (MSD) R4214274-4 05/14/25 02:11

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Acenaphthylene	866	ND	465	445	53.7	52.0	1	25.0-120			4.39	32
Benzidine	1730	ND	ND	ND	0.000	0.000	1	10.0-120	J6	J6	0.000	40
Benzo(g,h,i)perylene	866	ND	408	371	47.1	43.3	1	10.0-120			9.59	33
Bis(2-chlorethoxy)methane	866	ND	ND	ND	43.4	41.7	1	10.0-120			5.09	34
Bis(2-chloroethyl)ether	866	ND	465	445	53.7	52.0	1	10.0-120			4.39	40
2,2-Oxybis(1-Chloropropane)	866	ND	617	604	71.2	70.6	1	10.0-120			2.18	40
4-Bromophenyl-phenylether	866	ND	539	513	62.2	60.0	1	27.0-120			4.82	30
2-Chloronaphthalene	866	ND	441	412	50.9	48.1	1	20.0-120			6.88	32

L1857999-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857999-06 05/14/25 01:29 • (MS) R4214274-3 05/14/25 01:50 • (MSD) R4214274-4 05/14/25 02:11

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
4-Chlorophenyl-phenylether	866	ND	535	513	61.7	60.0	1	24.0-120			4.07	29
1,2-Dichlorobenzene	866	ND	ND	ND	44.5	43.3	1	10.0-120			3.88	38
1,3-Dichlorobenzene	866	ND	ND	ND	42.8	43.9	1	10.0-120			1.43	40
1,4-Dichlorobenzene	866	ND	ND	ND	46.5	47.8	1	10.0-120			1.64	39
3,3-Dichlorobenzidine	1730	ND	692	761	39.9	44.6	1	10.0-120			9.54	34
2,4-Dinitrotoluene	866	ND	520	524	60.0	61.2	1	30.0-120			0.766	31
2,6-Dinitrotoluene	866	ND	524	491	60.5	57.3	1	25.0-120			6.57	31
Hexachlorobenzene	866	ND	468	447	54.0	52.2	1	27.0-120			4.66	28
Hexachloro-1,3-butadiene	866	ND	449	ND	51.8	49.2	1	10.0-120			6.43	38
Hexachlorocyclopentadiene	866	ND	ND	ND	2.85	2.35	1	10.0-120	J6	J6	20.2	40
Hexachloroethane	866	ND	ND	ND	28.5	27.9	1	10.0-120			3.30	40
Isophorone	866	ND	ND	ND	45.8	44.4	1	13.0-120			4.46	34
Nitrobenzene	866	ND	ND	ND	43.2	41.0	1	10.0-120			6.62	36
n-Nitrosodimethylamine	866	ND	459	504	52.9	58.9	1	10.0-127			9.42	40
n-Nitrosodiphenylamine	866	ND	485	451	56.0	52.6	1	17.0-120			7.41	29
n-Nitrosodi-n-propylamine	866	ND	ND	ND	44.8	43.9	1	10.0-120			3.14	37
Phenanthrene	866	ND	512	467	59.1	54.5	1	17.0-120			9.26	31
Benzylbutyl phthalate	866	ND	672	650	77.5	76.0	1	23.0-120			3.23	30
Bis(2-ethylhexyl)phthalate	866	ND	601	582	69.4	68.1	1	17.0-126			3.15	30
Di-n-butyl phthalate	866	ND	536	504	61.8	58.9	1	30.0-120			6.15	29
Diethyl phthalate	866	ND	537	523	62.0	61.1	1	26.0-120			2.77	28
Dimethyl phthalate	866	ND	509	488	58.8	57.0	1	25.0-120			4.28	29
Di-n-octyl phthalate	866	ND	712	697	82.2	81.5	1	21.0-123			2.08	29
1,2,4-Trichlorobenzene	866	ND	ND	ND	50.2	47.7	1	12.0-120			6.33	37
4-Chloro-3-methylphenol	866	ND	479	460	55.2	53.7	1	15.0-120			3.98	30
2-Chlorophenol	866	ND	ND	ND	48.6	47.4	1	15.0-120			3.87	37
2,4-Dichlorophenol	866	ND	483	465	55.7	54.4	1	20.0-120			3.66	31
2,4-Dimethylphenol	866	ND	ND	ND	44.9	43.5	1	10.0-120			4.55	33
4,6-Dinitro-2-methylphenol	866	ND	ND	ND	44.0	44.7	1	10.0-120			0.349	39
2,4-Dinitrophenol	866	ND	ND	ND	38.5	38.8	1	10.0-121			0.401	40
2-Nitrophenol	866	ND	ND	456	50.8	53.3	1	12.0-120			3.57	39
4-Nitrophenol	866	ND	555	512	64.0	59.8	1	10.0-137			8.00	32
Pentachlorophenol	866	ND	ND	ND	49.8	40.5	1	10.0-160			21.9	31
Phenol	866	ND	ND	ND	47.4	47.7	1	12.0-120			0.651	38
2,4,6-Trichlorophenol	866	ND	564	536	65.1	62.6	1	19.0-120			5.09	32
(S) 2-Fluorophenol					57.2	55.0		12.0-120				
(S) Phenol-d5					51.4	52.8		10.0-120				
(S) Nitrobenzene-d5					39.4	37.1		10.0-122				
(S) 2-Fluorobiphenyl					49.2	47.4		15.0-120				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1857999-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857999-06 05/14/25 01:29 • (MS) R4214274-3 05/14/25 01:50 • (MSD) R4214274-4 05/14/25 02:11

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) 2,4,6-Tribromophenol					62.8	56.1		10.0-127				
(S) p-Terphenyl-d14					58.2	57.6		10.0-120				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

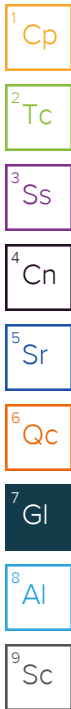
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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

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

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C7	The initial calibration verification standard (SSCV) associated with this data responded high.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
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.
V	The sample concentration is too high to evaluate accurate spike recoveries.



ACCREDITATIONS & LOCATIONS

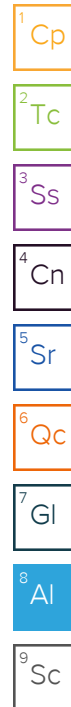
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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 ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

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

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

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





Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Pace National, 12065 Lebanon Road, Mt. Juliet, TN 37122

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY - Affix Workorder/Login Label Here



E057

Scan QR Code for instructions

LI 6579150

Company Name: CTEH, LLC
Street Address:
5120 North Shore Drive, North Little Rock, AR 72118

Contact/Report To: Chevron-Bishop, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman
Phone #:
E-Mail: chevron_bishop@cteh.com, kylelawrence@cteh.com, tmcnullin@cteh.com, ahenault@cteh.com
E-Mail: ecatlin@cteh.com; mlinkerman@cteh.com

Customer Project #: PROJ-054017
Project Name:
Bishop LOC

Invoice to: CTEH
Invoice E-mail:
ctehap@montrose-env.com

Site Collection Info/Facility ID (as applicable):
Galeton, CO

Purchase Order # (if applicable):
Quote #:

Time Zone Collected: [] AK [] PT [X] MT [] CT [] ET

County / State origin of sample(s): CO

Data Deliverables:
[X] Level II [] Level III [] Level IV
[] EQUIS
[] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [] Yes [] No
Rush (Pre-approval required):
[] Same Day [] 1 Day [] 2 Day [] 3 Day Other **ASAP**
Date Results Requested:
DW PWSID # or WW Permit # as applicable:
Field Filtered (if applicable): [] Yes [] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **						** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other											
8oz	8oz	8oz	8oz	6													
Identify Container Preservative Type***												*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other					
1	1	1	1	1	4												

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine		VOCs 8260D	SVOCs 8270E: Metals 6010D	Total N/TKN/N+NH3 EPA 351.2/9056A	TOC Walkley Black	VOCs 8260D	Sample Comment	Lab Use Only Proj. Mgr: 546-Jared Starkey AcctNum / Client ID: CTEHER Table #: Profile / Template: T271979 Prelog / Bottle Ord. ID:	Preservation non-conformance identified for sample.
			Date	Time	Date	Time		Result	Units								
GAC00512T030S001	SS	G	-	-	5/12/2025	1340	3	-	-	X	X	X	X	-	61		
GAC00512T030S002	SS	G	-	-	5/12/2025	1355	3	-	-	X	X	X	X	-	62		
GAC00512T030S003	SS	G	-	-	5/12/2025	1435	3	-	-	X	X	X	X	-	63		
GAC00512T030S004	SS	G	-	-	5/12/2025	1455	3	-	-	X	X	X	X	-	64		
GAC00512T030T001	OT	-	-	-	5/12/2025	0700	2	-	-	-	-	-	-	X	65		

Sample Receipt Checklist

COC Seal Present/Intact: Y N NP If Applicable

COC Signed/Accurate: Y N VOA Zero Headspace: Y N

Bottles arrive intact: Y N Pres. Correct/Check: Y N

Correct bottles used: Y N

Sufficient volume sent: Y N Condition: NCF OK

RA Screen <0.5 mR/hr: Y N TLA9 3.7 +0.4=4.1

Additional Instructions from Pace®:
VOCs - full list minus BTEX, 1,2,4-TMB, 1,3,5-TMB; SVOCs - full list minus PAHs, 1-methylnaphthalene, 2-methylnaphthalene; Metals - TAL minus RCRA, Cu, Ni, Zn

Collected By:
Printed Name: *Komeo Flores*
Signature: *[Signature]*

Customer Remarks / Special Conditions / Possible Hazards:
Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [] On Ice

Relinquished by/Company: (Signature) *[Signature] / CTEH*
Date/Time: 05-12-25 18:00

Received by/Company: (Signature) *[Signature]*
Date/Time: 5-13-25 1130

Tracking Number: N/A
Delivered by: [] In-Person [] Courier
[] FedEx [] UPS [] Other
Page: 1 of 2



Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

LAB USE ONLY- Affix Workorder/Login Label Here

Pace National, 12065 Lebanon Road, Mt. Juliet, TN 37122

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields



Scan QR Code for instructions

U1857956

Company Name: CTEH, LLC
 Street Address:
 5120 North Shore Drive, North Little Rock, AR 72118

Contact/Report To: Chevron-Bishop, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klunkerman
 Phone #:
 E-Mail: chevron_bishop@cteh.com; kyrielawrence@cteh.com; tmcnullin@cteh.com; ahenault@cteh.com
 Cc E-Mail: ecatlin@cteh.com; mklinkerman@cteh.com

Customer Project #: PROJ-054017
 Project Name:
 Bishop LOC
 Site Collection Info/Facility ID (as applicable):
 Galeton, CO

Invoice to: CTEH
 Invoice E-mail:
 ctehap@montrose-env.com
 Purchase Order # (if applicable):
 Quote #:

Time Zone Collected: [] AK [] PT [X] MT [] CT [] ET

County / State origin of sample(s): CO

Data Deliverables:
 Level II [] Level III [] Level IV
 EQUIS
 Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [] Yes [] No
 Rush (Pre-approval required):
 Same Day [] 1 Day [] 2 Day [] 3 Day Other ASAP
 Date Results Requested:
 DW PWSID # or WW Permit # as applicable:
 Field Filtered (if applicable): [] Yes [] No
 Analysis:

Specify Container Size **					
8oz	8oz	8oz	8oz	6	
1	1	1	1	4	
Identify Container Preservative Type***					
Analysis Requested					

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other
 *** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OI), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LI), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine		VOCs 8260D	SVOCs 8270E; Metals 6010D	Total NITRIN+NH3 EPA 351.2/6056A	TOC Walkley Black	VOCs 8260D
			Date	Time	Date	Time		Result	Units					
GAC00512T030S005	SS	G	-	-	5/12/2025	1530	3	-	-	X	X	X	X	-
GAC00512T030T003	OT	-	-	-	5/12/2025	0700	2	-	-	-	-	-	-	X
PA														

Lab Use Only	Proj. Mgr: 546-Jared Starkey
	AcctNum / Client ID: CTEHER
	Table #:
	Profile / Template: T271979
Prelog / Bottle Ord. ID:	
Sample Comment	
06 07	

Preservation non-conformance identified for sample.

Additional Instructions from Pace*:
 VOCs - full list minus BTEX, 1,2,4-TMB, 1,3,5-TMB; SVOCs - full list minus PAHs, 1-methylnaphthalene, 2-methylnaphthalene; Metals - TAL minus RCRA, Cu, Ni, Zn

Collected By:
 Printed Name: Prattley Alaniz
 Signature: [Signature]

Customer Remarks / Special Conditions / Possible Hazards:
 # Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [] On Ice

Relinquished by/Company: (Signature)
[Signature] CTEH
 Date/Time: 05/12/25 1800
 Relinquished by/Company: (Signature)
 Date/Time:
 Relinquished by/Company: (Signature)
 Date/Time:
 Relinquished by/Company: (Signature)
 Date/Time:

Received by/Company: (Signature)
[Signature] PACE
 Date/Time: 5-13-25 / 1130
 Received by/Company: (Signature)
 Date/Time:
 Received by/Company: (Signature)
 Date/Time:

Tracking Number: N1A
 Delivered by: [] In-Person [] Courier
 FedEx UPS Other
 Page: 2 of 2