ANALYTICAL REPORT

May 01, 2025

Pace Analytical Services, LLC
2025.05.01 22:38:47 -05'00'
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CTEH - ER

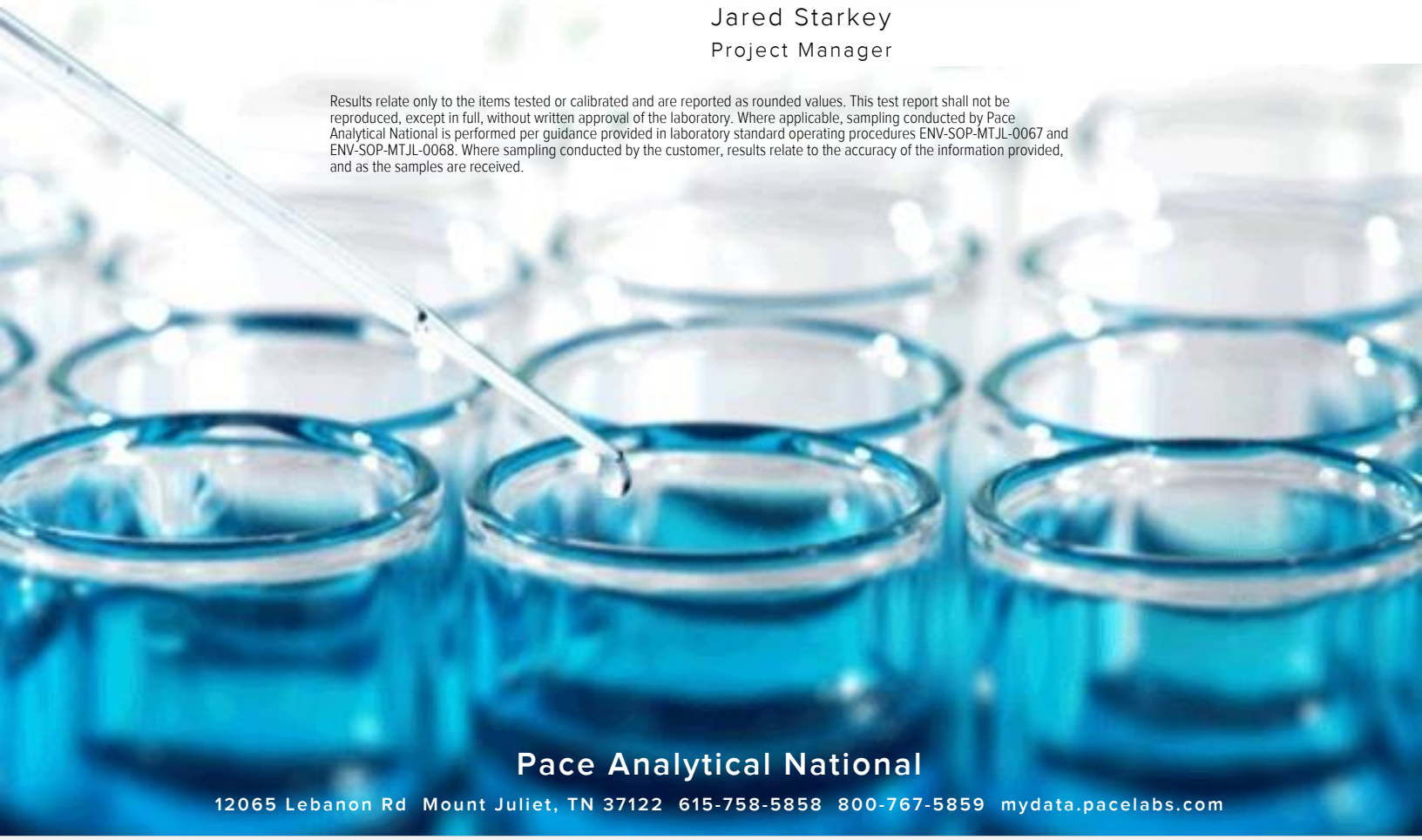
Sample Delivery Group:	L1852766
Samples Received:	04/29/2025
Project Number:	PROJ-054017
Description:	Bishop Loss of Containment Incident

Report To:

CTEH
5120 North Shore Drive
North Little Rock, AR 72118

Entire Report Reviewed By:

Jared Starkey
Project Manager



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

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SAMPLE SUMMARY

GACO0428T156-1S001 L1852766-01 Solid

Collected by: Matthew Bech
Collected date/time: 04/28/25 09:45
Received date/time: 04/29/25 11:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2502659	1	04/29/25 13:39	04/30/25 13:51	JDW	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2502552	1	04/29/25 12:39	04/29/25 12:48	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2502670	1	04/29/25 23:54	04/30/25 01:22	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2502686	10	04/29/25 23:50	04/30/25 13:51	JDW	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2502659	1	04/29/25 13:39	04/29/25 16:32	MDM	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2502853	10	04/29/25 14:00	04/30/25 14:32	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2502675	1	04/29/25 13:49	04/29/25 17:17	RLS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2502728	1	04/29/25 12:34	04/29/25 14:50	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2502661	1	04/29/25 13:29	04/29/25 18:16	NJK	Mt. Juliet, TN

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
WG2502686	(MS) R4207844-13, (MSD) R4207844-15	Kjeldahl Nitrogen, TKN

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

Batch	Lab Sample ID	Analytes
WG2502686	(MS) R4207844-19, (MSD) R4207844-21	Kjeldahl Nitrogen, TKN

Wet Chemistry by Method WALKLEY-BLACK

The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).

Batch	Lab Sample ID	Analytes
WG2502853	(MS) R4207666-5	TOC By Walkley Black
WG2502853	(MSD) R4207666-6	TOC By Walkley Black

Metals (ICP) by Method 6010D

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

Batch	Lab Sample ID	Analytes
WG2502675	(MS) R4207323-5, (MSD) R4207323-6	Aluminum, Calcium, Iron and Magnesium

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

Batch	Lab Sample ID	Analytes
WG2502675	(MS) R4207323-5, (MSD) R4207323-6	Antimony, Manganese, Potassium, Sodium, Thallium and Vanadium

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
WG2502728	L1852766-01	1,1,2,2-Tetrachloroethane, 1,2,3-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, 4-Methyl-2-pentanone (MIBK), Acrylonitrile and Chloromethane

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

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG2502728	Bromomethane	L1852766-01

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

Batch	Lab Sample ID	Analytes
WG2502728	(LCS) R4207146-1, L1852766-01	Chloroform

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

Batch	Lab Sample ID	Analytes
WG2502728	(LCSD) R4207146-2, L1852766-01	1,1,2-Trichlorotrifluoroethane, 2-Butanone (MEK), Di-isopropyl ether, Isopropylbenzene and Styrene

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

Batch	Lab Sample ID	Analytes
WG2502728	(MSD) R4207146-5	2-Butanone (MEK) and Chloroethane

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
WG2502661	L1852766-01	Bis(2-chloroethyl)ether and Pentachlorophenol

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

Batch	Lab Sample ID	Analytes
WG2502661	L1852766-01	Hexachlorocyclopentadiene

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

Batch	Lab Sample ID	Analytes
WG2502661	(MS) R4207245-3, (MSD) R4207245-4	3,3-Dichlorobenzidine, Benzidine and Hexachlorocyclopentadiene

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1320000		719	23700	1	04/30/2025 13:51	WG2502659

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	84.3		1	04/29/2025 12:48	WG2502552

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	105000		8530	11900	1	04/30/2025 01:22	WG2502670

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1300000		180000	237000	10	04/30/2025 13:51	WG2502686

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	18800	J	719	23700	1	04/29/2025 16:32	WG2502659

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	MDL ug/kg	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	21200000		255000	1000000	10	04/30/2025 14:32	WG2502853

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	2430000		7210	23700	1	04/29/2025 17:17	WG2502675
Antimony	U		819	2370	1	04/29/2025 17:17	WG2502675
Beryllium	243		56.6	237	1	04/29/2025 17:17	WG2502675
Calcium	1430000		22500	119000	1	04/29/2025 17:17	WG2502675
Cobalt	1840		210	1190	1	04/29/2025 17:17	WG2502675
Iron	4010000		2660	11900	1	04/29/2025 17:17	WG2502675
Magnesium	716000		23600	119000	1	04/29/2025 17:17	WG2502675
Manganese	104000		205	1190	1	04/29/2025 17:17	WG2502675
Potassium	927000		24800	119000	1	04/29/2025 17:17	WG2502675
Sodium	100000	J	48900	119000	1	04/29/2025 17:17	WG2502675
Thallium	U		614	2370	1	04/29/2025 17:17	WG2502675
Vanadium	6440		454	2370	1	04/29/2025 17:17	WG2502675

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	U		50.1	68.6	1	04/29/2025 14:50	WG2502728
Acrylonitrile	U	C3	4.95	17.2	1	04/29/2025 14:50	WG2502728
Bromobenzene	U		1.23	17.2	1	04/29/2025 14:50	WG2502728
Bromodichloromethane	U		0.995	3.43	1	04/29/2025 14:50	WG2502728
Bromoform	U		1.61	34.3	1	04/29/2025 14:50	WG2502728
Bromomethane	4.46	B J	2.70	17.2	1	04/29/2025 14:50	WG2502728

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		7.20	17.2	1	04/29/2025 14:50	WG2502728
sec-Butylbenzene	U		3.95	17.2	1	04/29/2025 14:50	WG2502728
tert-Butylbenzene	U		2.68	6.86	1	04/29/2025 14:50	WG2502728
Carbon tetrachloride	U		1.23	6.86	1	04/29/2025 14:50	WG2502728
Chlorobenzene	U		0.288	3.43	1	04/29/2025 14:50	WG2502728
Chlorodibromomethane	U		0.840	3.43	1	04/29/2025 14:50	WG2502728
Chloroethane	U		2.33	6.86	1	04/29/2025 14:50	WG2502728
Chloroform	U	J4	1.41	3.43	1	04/29/2025 14:50	WG2502728
Chloromethane	U	C3	5.97	17.2	1	04/29/2025 14:50	WG2502728
2-Chlorotoluene	U		1.19	3.43	1	04/29/2025 14:50	WG2502728
4-Chlorotoluene	U		0.617	6.86	1	04/29/2025 14:50	WG2502728
1,2-Dibromo-3-Chloropropane	U	C3	5.35	34.3	1	04/29/2025 14:50	WG2502728
1,2-Dibromoethane	U		0.889	3.43	1	04/29/2025 14:50	WG2502728
Dibromomethane	U		1.03	6.86	1	04/29/2025 14:50	WG2502728
1,2-Dichlorobenzene	U		0.583	6.86	1	04/29/2025 14:50	WG2502728
1,3-Dichlorobenzene	U		0.823	6.86	1	04/29/2025 14:50	WG2502728
1,4-Dichlorobenzene	U		0.960	6.86	1	04/29/2025 14:50	WG2502728
Dichlorodifluoromethane	U		2.21	6.86	1	04/29/2025 14:50	WG2502728
1,1-Dichloroethane	U		0.674	3.43	1	04/29/2025 14:50	WG2502728
1,2-Dichloroethane	U		0.890	3.43	1	04/29/2025 14:50	WG2502728
1,1-Dichloroethene	U		0.831	3.43	1	04/29/2025 14:50	WG2502728
cis-1,2-Dichloroethene	U		1.01	3.43	1	04/29/2025 14:50	WG2502728
trans-1,2-Dichloroethene	U		1.43	6.86	1	04/29/2025 14:50	WG2502728
1,2-Dichloropropane	U		1.95	6.86	1	04/29/2025 14:50	WG2502728
1,1-Dichloropropene	U		1.11	3.43	1	04/29/2025 14:50	WG2502728
1,3-Dichloropropane	U		0.687	6.86	1	04/29/2025 14:50	WG2502728
cis-1,3-Dichloropropene	U		1.04	3.43	1	04/29/2025 14:50	WG2502728
trans-1,3-Dichloropropene	U		1.56	6.86	1	04/29/2025 14:50	WG2502728
2,2-Dichloropropane	U		1.89	3.43	1	04/29/2025 14:50	WG2502728
Di-isopropyl ether	U	J3	0.563	1.37	1	04/29/2025 14:50	WG2502728
Hexachloro-1,3-butadiene	U		8.23	34.3	1	04/29/2025 14:50	WG2502728
Isopropylbenzene	U	J3	0.583	3.43	1	04/29/2025 14:50	WG2502728
p-Isopropyltoluene	U		3.50	6.86	1	04/29/2025 14:50	WG2502728
2-Butanone (MEK)	U	J3	87.1	137	1	04/29/2025 14:50	WG2502728
Methylene Chloride	U		9.11	34.3	1	04/29/2025 14:50	WG2502728
4-Methyl-2-pentanone (MIBK)	U	C3	3.13	34.3	1	04/29/2025 14:50	WG2502728
Methyl tert-butyl ether	U		0.480	1.37	1	04/29/2025 14:50	WG2502728
n-Propylbenzene	U		1.30	6.86	1	04/29/2025 14:50	WG2502728
Styrene	U	J3	0.314	17.2	1	04/29/2025 14:50	WG2502728
1,1,1,2-Tetrachloroethane	U		1.30	3.43	1	04/29/2025 14:50	WG2502728
1,1,2,2-Tetrachloroethane	U	C3	0.954	3.43	1	04/29/2025 14:50	WG2502728
1,1,2-Trichlorotrifluoroethane	U	J3	1.03	3.43	1	04/29/2025 14:50	WG2502728
Tetrachloroethene	U		1.23	3.43	1	04/29/2025 14:50	WG2502728
1,2,3-Trichlorobenzene	U	C3	10.1	17.2	1	04/29/2025 14:50	WG2502728
1,2,4-Trichlorobenzene	U		6.04	17.2	1	04/29/2025 14:50	WG2502728
1,1,1-Trichloroethane	U		1.27	3.43	1	04/29/2025 14:50	WG2502728
1,1,2-Trichloroethane	U		0.819	3.43	1	04/29/2025 14:50	WG2502728
Trichloroethene	U		0.801	1.37	1	04/29/2025 14:50	WG2502728
Trichlorofluoromethane	U		1.13	3.43	1	04/29/2025 14:50	WG2502728
1,2,3-Trichloropropane	U		2.22	17.2	1	04/29/2025 14:50	WG2502728
1,2,3-Trimethylbenzene	U		2.17	6.86	1	04/29/2025 14:50	WG2502728
Vinyl chloride	U		1.59	3.43	1	04/29/2025 14:50	WG2502728
(S) Toluene-d8	*104*			*75.0-131*		*04/29/2025 14:50*	WG2502728
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*04/29/2025 14:50*	WG2502728
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*04/29/2025 14:50*	WG2502728

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	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	U		5.56	39.5	1	04/29/2025 18:16	WG2502661
Benzidine	U		74.2	1980	1	04/29/2025 18:16	WG2502661
Benzo(g,h,i)perylene	U		7.22	39.5	1	04/29/2025 18:16	WG2502661
Bis(2-chlorethoxy)methane	U		11.9	395	1	04/29/2025 18:16	WG2502661
Bis(2-chloroethyl)ether	U	C3	13.0	395	1	04/29/2025 18:16	WG2502661
2,2-Oxybis(1-Chloropropane)	U		17.1	395	1	04/29/2025 18:16	WG2502661
4-Bromophenyl-phenylether	U		13.9	395	1	04/29/2025 18:16	WG2502661
2-Chloronaphthalene	U		6.94	39.5	1	04/29/2025 18:16	WG2502661
4-Chlorophenyl-phenylether	U		13.8	395	1	04/29/2025 18:16	WG2502661
1,2-Dichlorobenzene	U		11.7	395	1	04/29/2025 18:16	WG2502661
1,3-Dichlorobenzene	U		12.0	395	1	04/29/2025 18:16	WG2502661
1,4-Dichlorobenzene	U		11.8	395	1	04/29/2025 18:16	WG2502661
3,3-Dichlorobenzidine	U		14.6	395	1	04/29/2025 18:16	WG2502661
2,4-Dinitrotoluene	U		11.3	395	1	04/29/2025 18:16	WG2502661
2,6-Dinitrotoluene	U		12.9	395	1	04/29/2025 18:16	WG2502661
Hexachlorobenzene	U		14.0	395	1	04/29/2025 18:16	WG2502661
Hexachloro-1,3-butadiene	U		13.3	395	1	04/29/2025 18:16	WG2502661
Hexachlorocyclopentadiene	U	C7	20.8	395	1	04/29/2025 18:16	WG2502661
Hexachloroethane	U		15.5	395	1	04/29/2025 18:16	WG2502661
Isophorone	U		12.1	395	1	04/29/2025 18:16	WG2502661
Nitrobenzene	U		13.8	395	1	04/29/2025 18:16	WG2502661
n-Nitrosodimethylamine	U		58.6	395	1	04/29/2025 18:16	WG2502661
n-Nitrosodiphenylamine	U		29.9	395	1	04/29/2025 18:16	WG2502661
n-Nitrosodi-n-propylamine	U		13.2	395	1	04/29/2025 18:16	WG2502661
Phenanthrene	U		7.84	39.5	1	04/29/2025 18:16	WG2502661
Benzylbutyl phthalate	49.2	J	12.3	395	1	04/29/2025 18:16	WG2502661
Bis(2-ethylhexyl)phthalate	78.6	J	50.0	395	1	04/29/2025 18:16	WG2502661
Di-n-butyl phthalate	U		13.5	395	1	04/29/2025 18:16	WG2502661
Diethyl phthalate	U		13.0	395	1	04/29/2025 18:16	WG2502661
Dimethyl phthalate	U		83.7	395	1	04/29/2025 18:16	WG2502661
Di-n-octyl phthalate	U		26.7	395	1	04/29/2025 18:16	WG2502661
1,2,4-Trichlorobenzene	U		12.3	395	1	04/29/2025 18:16	WG2502661
4-Chloro-3-methylphenol	U		12.8	395	1	04/29/2025 18:16	WG2502661
2-Chlorophenol	U		13.0	395	1	04/29/2025 18:16	WG2502661
2,4-Dichlorophenol	U		11.5	395	1	04/29/2025 18:16	WG2502661
2,4-Dimethylphenol	U		10.3	395	1	04/29/2025 18:16	WG2502661
4,6-Dinitro-2-methylphenol	U		89.5	395	1	04/29/2025 18:16	WG2502661
2,4-Dinitrophenol	U		92.4	395	1	04/29/2025 18:16	WG2502661
2-Nitrophenol	U		14.1	395	1	04/29/2025 18:16	WG2502661
4-Nitrophenol	U		12.3	395	1	04/29/2025 18:16	WG2502661
Pentachlorophenol	U	C3	10.6	395	1	04/29/2025 18:16	WG2502661
Phenol	U		15.9	395	1	04/29/2025 18:16	WG2502661
2,4,6-Trichlorophenol	U		12.7	395	1	04/29/2025 18:16	WG2502661
(S) 2-Fluorophenol	*65.9*			*12.0-120*		*04/29/2025 18:16*	WG2502661
(S) Phenol-d5	*63.3*			*10.0-120*		*04/29/2025 18:16*	WG2502661
(S) Nitrobenzene-d5	*59.6*			*10.0-122*		*04/29/2025 18:16*	WG2502661
(S) 2-Fluorobiphenyl	*54.3*			*15.0-120*		*04/29/2025 18:16*	WG2502661
(S) 2,4,6-Tribromophenol	*61.6*			*10.0-127*		*04/29/2025 18:16*	WG2502661
(S) p-Terphenyl-d14	*58.0*			*10.0-120*		*04/29/2025 18:16*	WG2502661

Method Blank (MB)

(MB) R4207332-1 04/29/25 12:48

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

L1852744-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1852744-01 04/29/25 12:48 • (DUP) R4207332-3 04/29/25 12:48

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	94.7	95.0	1	0.314		10

Laboratory Control Sample (LCS)

(LCS) R4207332-2 04/29/25 12:48

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

Method Blank (MB)

(MB) R4207311-1 04/30/25 00:49

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Ammonia Nitrogen	U		7190	10000

L1850886-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1850886-05 04/30/25 00:52 • (DUP) R4207311-3 04/30/25 00:54

Analyte	Original Result (dry) ug/kg	DUP Result (dry) ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ammonia Nitrogen	U	U	1	0.000		20

L1850886-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1850886-06 04/30/25 00:55 • (DUP) R4207311-4 04/30/25 00:57

Analyte	Original Result (dry) ug/kg	DUP Result (dry) ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ammonia Nitrogen	U	U	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R4207311-2 04/30/25 00:51

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	250000	264000	105	90.0-110	

L1852776-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852776-02 04/30/25 01:31 • (MS) R4207311-5 04/30/25 01:33 • (MSD) R4207311-6 04/30/25 01:34

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 %
Ammonia Nitrogen	323000	U	316000	317000	97.8	98.3	1	90.0-110			0.447	20

QUALITY CONTROL SUMMARY

L1852766-01

Method Blank (MB)

(MB) R4207844-1 04/30/25 13:36

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

L1852744-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1852744-01 04/30/25 13:43 • (DUP) R4207844-11 04/30/25 13:44

Analyte	Original Result (dry) ug/kg	DUP Result (dry) ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Kjeldahl Nitrogen, TKN	1060000	1040000	10	2.41		20

L1848603-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1848603-01 04/30/25 14:00 • (DUP) R4207844-17 04/30/25 14:01

Analyte	Original Result (dry) ug/kg	DUP Result (dry) ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Kjeldahl Nitrogen, TKN	58200000	53800000	10	7.86		20

Laboratory Control Sample (LCS)

(LCS) R4207844-3 04/30/25 13:37

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Kjeldahl Nitrogen, TKN	480000	488000	102	81.7-124	

L1852776-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852776-02 04/30/25 13:56 • (MS) R4207844-13 04/30/25 13:57 • (MSD) R4207844-15 04/30/25 13:57

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 %
Kjeldahl Nitrogen, TKN	517000	4530000	4320000	4500000	0.000	0.000	10	81.7-124	V	V	4.05	20

L1848603-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1848603-01 04/30/25 14:00 • (MS) R4207844-19 04/30/25 14:02 • (MSD) R4207844-21 04/30/25 14:04

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	%	%		%			%	%
Kjeldahl Nitrogen, TKN	20100000	58200000	67100000	61800000	44.4	17.8	10	81.7-124	J6	J6	8.28	20

Method Blank (MB)

(MB) R4207246-1 04/29/25 14:31

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Nitrate-Nitrite	U		606	20000

Laboratory Control Sample (LCS)

(LCS) R4207246-2 04/29/25 14:44

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate-Nitrite	40000	39600	99.1	80.0-120	

L1852776-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852776-02 04/29/25 17:39 • (MS) R4207246-3 04/29/25 17:52 • (MSD) R4207246-4 04/29/25 18:06

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 %
Nitrate-Nitrite	51700	11200	62700	62800	99.6	99.8	1	80.0-120			0.162	15

Method Blank (MB)

(MB) R4207666-1 04/30/25 14:26

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

L1852744-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1852744-01 04/30/25 14:28 • (DUP) R4207666-3 04/30/25 14:29

Analyte	Original Result ug/kg	DUP Result ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC By Walkley Black	15100000	13400000	5	11.5		20

L1852776-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1852776-02 04/30/25 14:34 • (DUP) R4207666-4 04/30/25 14:35

Analyte	Original Result ug/kg	DUP Result ug/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC By Walkley Black	72100000	72300000	10	0.181		20

Laboratory Control Sample (LCS)

(LCS) R4207666-2 04/30/25 14:27

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC By Walkley Black	3230000	3780000	117	75.0-144	

L1852776-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852776-02 04/30/25 14:34 • (MS) R4207666-5 04/30/25 14:36 • (MSD) R4207666-6 04/30/25 14:38

Analyte	Spike Amount ug/kg	Original Result ug/kg	MS Result ug/kg	MSD Result ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC By Walkley Black	40000000	72100000	110000000	113000000	94.4	102	10	80.0-120	E	E	2.58	20

Method Blank (MB)

(MB) R4207323-1 04/29/25 16:37

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Aluminum	U		6080	20000
Antimony	U		691	2000
Beryllium	U		47.7	200
Calcium	25300	J	19000	100000
Cobalt	U		177	1000
Iron	U		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

Laboratory Control Sample (LCS)

(LCS) R4207323-2 04/29/25 16:39

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aluminum	1000000	985000	98.5	80.0-120	
Antimony	100000	98600	98.6	80.0-120	
Beryllium	100000	98100	98.1	80.0-120	
Calcium	1000000	989000	98.9	80.0-120	
Cobalt	100000	95300	95.3	80.0-120	
Iron	1000000	977000	97.7	80.0-120	
Magnesium	1000000	930000	93.0	80.0-120	
Manganese	100000	106000	106	80.0-120	
Potassium	1000000	904000	90.4	80.0-120	
Sodium	1000000	998000	99.8	80.0-120	
Thallium	100000	104000	104	80.0-120	
Vanadium	100000	97000	97.0	80.0-120	

L1852776-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852776-02 04/29/25 16:42 • (MS) R4207323-5 04/29/25 16:50 • (MSD) R4207323-6 04/29/25 16:53

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 %
Aluminum	1290000	6430000	6430000	7070000	0.000	50.0	1	75.0-125	V	V	9.59	20
Antimony	129000	U	69900	66700	54.1	51.7	1	75.0-125	J6	J6	4.68	20

L1852776-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852776-02 04/29/25 16:42 • (MS) R4207323-5 04/29/25 16:50 • (MSD) R4207323-6 04/29/25 16:53

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	129000	678	99500	101000	76.5	77.4	1	75.0-125			1.17	20
Calcium	1290000	18100000	18300000	17800000	15.0	0.000	1	75.0-125	V	V	2.53	20
Cobalt	129000	5200	103000	105000	75.9	77.0	1	75.0-125			1.38	20
Iron	1290000	10100000	9120000	9660000	0.000	0.000	1	75.0-125	V	V	5.74	20
Magnesium	1290000	5730000	6090000	6380000	27.7	50.6	1	75.0-125	V	V	4.74	20
Manganese	129000	409000	439000	418000	23.4	7.02	1	75.0-125	J6	J6	4.92	20
Potassium	1290000	3390000	3800000	4050000	32.2	51.0	1	75.0-125	J6	J6	6.18	20
Sodium	1290000	702000	1740000	1670000	80.5	74.8	1	75.0-125		J6	4.29	20
Thallium	129000	U	94300	93400	73.0	72.3	1	75.0-125	J6	J6	0.988	20
Vanadium	129000	16100	109000	111000	72.0	73.4	1	75.0-125	J6	J6	1.56	20

Method Blank (MB)

(MB) R4207146-3 04/29/25 10:50

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL 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	2.53	J	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	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	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

Method Blank (MB)

(MB) R4207146-3 04/29/25 10:50

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL 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	*101*			*75.0-131*
(S) 4-Bromofluorobenzene	*93.6*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*

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

(LCS) R4207146-1 04/29/25 09:06 • (LCSD) R4207146-2 04/29/25 09:27

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	625	605	557	96.8	89.1	10.0-160			8.26	31
Acrylonitrile	625	391	367	62.6	58.7	45.0-153			6.33	22
Bromobenzene	125	130	120	104	96.0	73.0-121			8.00	20
Bromodichloromethane	125	121	129	96.8	103	73.0-121			6.40	20
Bromoform	125	130	118	104	94.4	64.0-132			9.68	20
Bromomethane	125	130	125	104	100	56.0-147			3.92	20
n-Butylbenzene	125	141	126	113	101	68.0-135			11.2	20
sec-Butylbenzene	125	138	118	110	94.4	74.0-130			15.6	20
tert-Butylbenzene	125	130	116	104	92.8	75.0-127			11.4	20
Carbon tetrachloride	125	142	130	114	104	66.0-128			8.82	20
Chlorobenzene	125	127	115	102	92.0	76.0-128			9.92	20
Chlorodibromomethane	125	122	113	97.6	90.4	74.0-127			7.66	20

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

(LCS) R4207146-1 04/29/25 09:06 • (LCSD) R4207146-2 04/29/25 09:27

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Chloroethane	125	125	109	100	87.2	61.0-134			13.7	20
Chloroform	125	163	140	130	112	72.0-123	J4		15.2	20
Chloromethane	125	76.1	71.8	60.9	57.4	51.0-138			5.81	20
2-Chlorotoluene	125	127	111	102	88.8	75.0-124			13.4	20
4-Chlorotoluene	125	139	123	111	98.4	75.0-124			12.2	20
1,2-Dibromo-3-Chloropropane	125	97.0	96.2	77.6	77.0	59.0-130			0.828	20
1,2-Dibromoethane	125	121	113	96.8	90.4	74.0-128			6.84	20
Dibromomethane	125	119	126	95.2	101	75.0-122			5.71	20
1,2-Dichlorobenzene	125	121	118	96.8	94.4	76.0-124			2.51	20
1,3-Dichlorobenzene	125	133	126	106	101	76.0-125			5.41	20
1,4-Dichlorobenzene	125	121	117	96.8	93.6	77.0-121			3.36	20
Dichlorodifluoromethane	125	122	126	97.6	101	43.0-156			3.23	20
1,1-Dichloroethane	125	127	107	102	85.6	70.0-127			17.1	20
1,2-Dichloroethane	125	136	127	109	102	65.0-131			6.84	20
1,1-Dichloroethene	125	131	110	105	88.0	65.0-131			17.4	20
cis-1,2-Dichloroethene	125	120	111	96.0	88.8	73.0-125			7.79	20
trans-1,2-Dichloroethene	125	133	117	106	93.6	71.0-125			12.8	20
1,2-Dichloropropane	125	101	105	80.8	84.0	74.0-125			3.88	20
1,1-Dichloropropene	125	130	118	104	94.4	73.0-125			9.68	20
1,3-Dichloropropane	125	120	112	96.0	89.6	80.0-125			6.90	20
cis-1,3-Dichloropropene	125	114	123	91.2	98.4	76.0-127			7.59	20
trans-1,3-Dichloropropene	125	143	134	114	107	73.0-127			6.50	20
2,2-Dichloropropane	125	161	142	129	114	59.0-135			12.5	20
Di-isopropyl ether	125	100	77.5	80.0	62.0	60.0-136		J3	25.4	20
Hexachloro-1,3-butadiene	125	139	140	111	112	57.0-150			0.717	20
Isopropylbenzene	125	141	112	113	89.6	72.0-127		J3	22.9	20
p-Isopropyltoluene	125	136	119	109	95.2	72.0-133			13.3	20
2-Butanone (MEK)	625	548	360	87.7	57.6	30.0-160		J3	41.4	24
Methylene Chloride	125	137	127	110	102	68.0-123			7.58	20
4-Methyl-2-pentanone (MIBK)	625	428	390	68.5	62.4	56.0-143			9.29	20
Methyl tert-butyl ether	125	148	124	118	99.2	66.0-132			17.6	20
n-Propylbenzene	125	142	125	114	100	74.0-126			12.7	20
Styrene	125	141	114	113	91.2	72.0-127		J3	21.2	20
1,1,1,2-Tetrachloroethane	125	136	120	109	96.0	74.0-129			12.5	20
1,1,2,2-Tetrachloroethane	125	91.6	89.3	73.3	71.4	68.0-128			2.54	20
1,1,2-Trichlorotrifluoroethane	125	142	111	114	88.8	61.0-139		J3	24.5	20
Tetrachloroethene	125	125	111	100	88.8	70.0-136			11.9	20
1,2,3-Trichlorobenzene	125	98.8	107	79.0	85.6	59.0-139			7.97	20
1,2,4-Trichlorobenzene	125	107	110	85.6	88.0	62.0-137			2.76	20
1,1,1-Trichloroethane	125	144	131	115	105	69.0-126			9.45	20

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

(LCS) R4207146-1 04/29/25 09:06 • (LCSD) R4207146-2 04/29/25 09:27

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,1,2-Trichloroethane	125	119	112	95.2	89.6	78.0-123			6.06	20
Trichloroethene	125	120	117	96.0	93.6	76.0-126			2.53	20
Trichlorofluoromethane	125	146	132	117	106	61.0-142			10.1	20
1,2,3-Trichloropropane	125	127	110	102	88.0	67.0-129			14.3	20
1,2,3-Trimethylbenzene	125	132	126	106	101	74.0-124			4.65	20
Vinyl chloride	125	107	89.2	85.6	71.4	63.0-134			18.1	20
(S) Toluene-d8				*100*	*95.7*	*75.0-131*				
(S) 4-Bromofluorobenzene				*105*	*96.6*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*122*	*117*	*70.0-130*				

L1852776-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852776-02 04/29/25 15:53 • (MS) R4207146-4 04/29/25 16:34 • (MSD) R4207146-5 04/29/25 16:55

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 %
Acetone	989	U	932	931	94.2	94.1	1	10.0-160			0.170	40
Acrylonitrile	989	U	764	766	77.3	77.4	1	10.0-160			0.207	40
Bromobenzene	198	U	180	217	91.2	110	1	10.0-156			18.3	38
Bromodichloromethane	198	U	154	199	78.1	101	1	10.0-143			25.4	37
Bromoform	198	U	169	188	85.6	95.2	1	10.0-146			10.6	36
Bromomethane	198	7.72	158	169	76.1	81.7	1	10.0-149			6.76	38
n-Butylbenzene	198	U	188	236	95.2	119	1	10.0-160			22.4	40
sec-Butylbenzene	198	U	184	220	92.8	111	1	10.0-159			18.0	39
tert-Butylbenzene	198	U	171	209	86.4	106	1	10.0-156			20.0	39
Carbon tetrachloride	198	U	176	209	88.8	106	1	10.0-145			17.3	37
Chlorobenzene	198	U	171	203	86.4	102	1	10.0-152			16.9	39
Chlorodibromomethane	198	U	158	190	80.0	96.0	1	10.0-146			18.2	37
Chloroethane	198	U	78.2	191	39.5	96.8	1	10.0-146		J3	84.0	40
Chloroform	198	U	207	242	105	122	1	10.0-146			15.5	37
Chloromethane	198	U	81.5	115	41.2	58.2	1	10.0-159			34.1	37
2-Chlorotoluene	198	U	166	201	84.0	102	1	10.0-159			19.0	38
4-Chlorotoluene	198	U	180	172	91.2	87.2	1	10.0-155			4.48	39
1,2-Dibromo-3-Chloropropane	198	U	141	180	71.4	91.2	1	10.0-151			24.3	39
1,2-Dibromoethane	198	U	179	196	90.4	99.2	1	10.0-148			9.28	34
Dibromomethane	198	U	161	207	81.6	105	1	10.0-147			24.9	35
1,2-Dichlorobenzene	198	U	171	201	86.4	102	1	10.0-155			16.2	37
1,3-Dichlorobenzene	198	U	185	212	93.6	107	1	10.0-153			13.5	38
1,4-Dichlorobenzene	198	U	177	206	89.6	104	1	10.0-151			14.9	38
Dichlorodifluoromethane	198	U	174	237	88.0	120	1	10.0-160			30.8	35

L1852776-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852776-02 04/29/25 15:53 • (MS) R4207146-4 04/29/25 16:34 • (MSD) R4207146-5 04/29/25 16:55

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	198	U	155	184	78.2	92.8	1	10.0-147			17.1	37
1,2-Dichloroethane	198	U	180	203	91.2	102	1	10.0-148			11.6	35
1,1-Dichloroethene	198	U	169	196	85.6	99.2	1	10.0-155			14.7	37
cis-1,2-Dichloroethene	198	U	156	195	79.0	98.4	1	10.0-149			21.9	37
trans-1,2-Dichloroethene	198	U	158	188	80.0	95.2	1	10.0-150			17.4	37
1,2-Dichloropropane	198	U	137	176	69.3	88.8	1	10.0-148			24.7	37
1,1-Dichloropropene	198	U	174	203	88.0	102	1	10.0-153			15.1	35
1,3-Dichloropropane	198	U	177	203	89.6	102	1	10.0-154			13.3	35
cis-1,3-Dichloropropene	198	U	166	217	84.0	110	1	10.0-151			26.4	37
trans-1,3-Dichloropropene	198	U	195	228	98.4	115	1	10.0-148			15.7	37
2,2-Dichloropropane	198	U	207	242	105	122	1	10.0-138			15.5	36
Di-isopropyl ether	198	U	137	158	69.4	80.0	1	10.0-147			14.1	36
Hexachloro-1,3-butadiene	198	U	231	285	117	144	1	10.0-160			20.9	40
Isopropylbenzene	198	U	176	210	88.8	106	1	10.0-155			18.0	38
p-Isopropyltoluene	198	U	180	218	91.2	110	1	10.0-160			19.0	40
2-Butanone (MEK)	989	U	1370	559	138	56.5	1	10.0-160		J3	83.9	40
Methylene Chloride	198	U	174	198	88.0	100	1	10.0-141			12.8	37
4-Methyl-2-pentanone (MIBK)	989	U	812	910	82.1	92.0	1	10.0-160			11.4	35
Methyl tert-butyl ether	198	U	222	233	112	118	1	11.0-147			4.88	35
n-Propylbenzene	198	U	180	218	91.2	110	1	10.0-158			19.0	38
Styrene	198	U	166	204	84.0	103	1	10.0-160			20.5	40
1,1,1,2-Tetrachloroethane	198	U	171	199	86.4	101	1	10.0-149			15.4	39
1,1,2,2-Tetrachloroethane	198	U	163	180	82.4	91.2	1	10.0-160			10.1	35
1,1,2-Trichlorotrifluoroethane	198	U	209	244	106	123	1	10.0-160			15.4	36
Tetrachloroethene	198	U	168	212	84.8	107	1	10.0-156			23.3	39
1,2,3-Trichlorobenzene	198	U	165	215	83.2	109	1	10.0-160			26.7	40
1,2,4-Trichlorobenzene	198	U	176	228	88.8	115	1	10.0-160			25.9	40
1,1,1-Trichloroethane	198	U	188	217	95.2	110	1	10.0-144			14.1	35
1,1,2-Trichloroethane	198	U	172	199	87.2	101	1	10.0-160			14.5	35
Trichloroethene	198	U	151	193	76.2	97.6	1	10.0-156			24.7	38
Trichlorofluoromethane	198	U	135	168	68.2	84.8	1	10.0-160			21.8	40
1,2,3-Trichloropropane	198	U	196	226	99.2	114	1	10.0-156			14.2	35
1,2,3-Trimethylbenzene	198	U	185	218	93.6	110	1	10.0-160			16.5	36
Vinyl chloride	198	U	126	168	63.8	84.8	1	10.0-160			28.2	37
(S) Toluene-d8					*97.4*	*98.5*		*75.0-131*				
(S) 4-Bromofluorobenzene					*96.4*	*97.9*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*116*	*111*		*70.0-130*				

Method Blank (MB)

(MB) R4207245-2 04/29/25 17:08

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

Method Blank (MB)

(MB) R4207245-2 04/29/25 17:08

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Pentachlorophenol	U		8.96	333
Phenol	U		13.4	333
2,4,6-Trichlorophenol	U		10.7	333
(S) 2-Fluorophenol	*62.3*			*12.0-120*
(S) Phenol-d5	*59.6*			*10.0-120*
(S) Nitrobenzene-d5	*55.9*			*10.0-122*
(S) 2-Fluorobiphenyl	*53.2*			*15.0-120*
(S) 2,4,6-Tribromophenol	*50.9*			*10.0-127*
(S) p-Terphenyl-d14	*61.0*			*10.0-120*

Laboratory Control Sample (LCS)

(LCS) R4207245-1 04/29/25 16:46

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthylene	666	412	61.9	40.0-120	
Benzidine	1330	524	39.4	10.0-120	J
Benzo(g,h,i)perylene	666	350	52.6	43.0-120	
Bis(2-chlorethoxy)methane	666	304	45.6	20.0-120	J
Bis(2-chloroethyl)ether	666	326	48.9	16.0-120	J
2,2-Oxybis(1-Chloropropane)	666	386	58.0	23.0-120	
4-Bromophenyl-phenylether	666	381	57.2	40.0-120	
2-Chloronaphthalene	666	351	52.7	35.0-120	
4-Chlorophenyl-phenylether	666	373	56.0	40.0-120	
1,2-Dichlorobenzene	666	332	49.8	32.0-120	J
1,3-Dichlorobenzene	666	327	49.1	30.0-120	J
1,4-Dichlorobenzene	666	338	50.8	31.0-120	
3,3-Dichlorobenzidine	1330	757	56.9	28.0-120	
2,4-Dinitrotoluene	666	391	58.7	45.0-120	
2,6-Dinitrotoluene	666	360	54.1	42.0-120	
Hexachlorobenzene	666	342	51.4	39.0-120	
Hexachloro-1,3-butadiene	666	278	41.7	15.0-120	J
Hexachlorocyclopentadiene	666	341	51.2	15.0-120	
Hexachloroethane	666	330	49.5	17.0-120	J
Isophorone	666	325	48.8	23.0-120	J
Nitrobenzene	666	307	46.1	17.0-120	J
n-Nitrosodimethylamine	666	368	55.3	10.0-125	
n-Nitrosodiphenylamine	666	375	56.3	40.0-120	
n-Nitrosodi-n-propylamine	666	385	57.8	26.0-120	

Laboratory Control Sample (LCS)

(LCS) R4207245-1 04/29/25 16:46

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Phenanthrene	666	356	53.5	42.0-120	
Benzylbutyl phthalate	666	402	60.4	40.0-120	
Bis(2-ethylhexyl)phthalate	666	419	62.9	41.0-120	
Di-n-butyl phthalate	666	420	63.1	43.0-120	
Diethyl phthalate	666	400	60.1	43.0-120	
Dimethyl phthalate	666	385	57.8	43.0-120	
Di-n-octyl phthalate	666	399	59.9	40.0-120	
1,2,4-Trichlorobenzene	666	301	45.2	17.0-120	J
4-Chloro-3-methylphenol	666	359	53.9	28.0-120	
2-Chlorophenol	666	335	50.3	28.0-120	
2,4-Dichlorophenol	666	324	48.6	25.0-120	J
2,4-Dimethylphenol	666	315	47.3	15.0-120	J
4,6-Dinitro-2-methylphenol	666	382	57.4	16.0-120	
2,4-Dinitrophenol	666	353	53.0	10.0-120	
2-Nitrophenol	666	357	53.6	20.0-120	
4-Nitrophenol	666	407	61.1	27.0-120	
Pentachlorophenol	666	250	37.5	29.0-120	J
Phenol	666	366	55.0	28.0-120	
2,4,6-Trichlorophenol	666	378	56.8	37.0-120	
(S) 2-Fluorophenol			*63.4*	*12.0-120*	
(S) Phenol-d5			*61.6*	*10.0-120*	
(S) Nitrobenzene-d5			*48.0*	*10.0-122*	
(S) 2-Fluorobiphenyl			*54.7*	*15.0-120*	
(S) 2,4,6-Tribromophenol			*57.1*	*10.0-127*	
(S) p-Terphenyl-d14			*56.8*	*10.0-120*	

L1852776-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852776-02 04/29/25 20:52 • (MS) R4207245-3 04/29/25 21:14 • (MSD) R4207245-4 04/29/25 21:37

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 %
Acenaphthylene	824	U	386	333	46.9	40.6	2	25.0-120			14.7	32
Benzidine	1650	U	U	U	0.000	0.000	2	10.0-120	J6	J6	0.000	40
Benzo(g,h,i)perylene	824	U	262	225	31.8	27.4	2	10.0-120			15.4	33
Bis(2-chlorethoxy)methane	824	U	292	256	35.4	31.1	2	10.0-120	J	J	13.2	34
Bis(2-chloroethyl)ether	824	U	284	244	34.5	29.7	2	10.0-120	J	J	15.2	40
2,2-Oxybis(1-Chloropropane)	824	U	331	298	40.1	36.3	2	10.0-120	J	J	10.3	40
4-Bromophenyl-phenylether	824	U	353	307	42.8	37.4	2	27.0-120	J	J	13.7	30
2-Chloronaphthalene	824	U	312	279	37.9	34.0	2	20.0-120			11.4	32

L1852776-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852776-02 04/29/25 20:52 • (MS) R4207245-3 04/29/25 21:14 • (MSD) R4207245-4 04/29/25 21:37

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	824	U	355	293	43.1	35.7	2	24.0-120	J	J	19.1	29
1,2-Dichlorobenzene	824	U	253	232	30.7	28.3	2	10.0-120	J	J	8.51	38
1,3-Dichlorobenzene	824	U	244	222	29.6	27.0	2	10.0-120	J	J	9.42	40
1,4-Dichlorobenzene	824	U	249	229	30.3	27.8	2	10.0-120	J	J	8.65	39
3,3-Dichlorobenzidine	1650	U	111	148	6.73	9.06	2	10.0-120	J J6	J J6	28.6	34
2,4-Dinitrotoluene	824	U	359	292	43.6	35.5	2	30.0-120	J	J	20.6	31
2,6-Dinitrotoluene	824	U	336	281	40.8	34.3	2	25.0-120	J	J	17.6	31
Hexachlorobenzene	824	U	318	274	38.6	33.3	2	27.0-120	J	J	14.8	28
Hexachloro-1,3-butadiene	824	U	238	227	28.8	27.7	2	10.0-120	J	J	4.44	38
Hexachlorocyclopentadiene	824	U	U	U	0.000	0.000	2	10.0-120	J6	J6	0.000	40
Hexachloroethane	824	U	119	101	14.4	12.3	2	10.0-120	J	J	16.2	40
Isophorone	824	U	328	284	39.8	34.6	2	13.0-120	J	J	14.3	34
Nitrobenzene	824	U	275	257	33.4	31.3	2	10.0-120	J	J	6.80	36
n-Nitrosodimethylamine	824	U	227	230	27.6	28.0	2	10.0-127	J	J	1.13	40
n-Nitrosodiphenylamine	824	U	360	298	43.7	36.3	2	17.0-120	J	J	18.8	29
n-Nitrosodi-n-propylamine	824	U	354	310	42.9	37.7	2	10.0-120	J	J	13.2	37
Phenanthrene	824	U	345	284	41.8	34.6	2	17.0-120			19.3	31
Benzylbutyl phthalate	824	U	439	374	53.3	45.6	2	23.0-120	J	J	15.9	30
Bis(2-ethylhexyl)phthalate	824	U	442	382	53.6	46.5	2	17.0-126	J	J	14.4	30
Di-n-butyl phthalate	824	U	421	345	51.1	42.0	2	30.0-120	J	J	19.9	29
Diethyl phthalate	824	U	396	329	48.1	40.1	2	26.0-120	J	J	18.5	28
Dimethyl phthalate	824	U	368	315	44.7	38.4	2	25.0-120	J	J	15.5	29
Di-n-octyl phthalate	824	U	445	374	54.1	45.6	2	21.0-123	J	J	17.3	29
1,2,4-Trichlorobenzene	824	U	266	245	32.3	29.9	2	12.0-120	J	J	8.08	37
4-Chloro-3-methylphenol	824	U	389	341	47.2	41.5	2	15.0-120	J	J	13.1	30
2-Chlorophenol	824	U	309	270	37.5	32.9	2	15.0-120	J	J	13.4	37
2,4-Dichlorophenol	824	U	347	289	42.2	35.2	2	20.0-120	J	J	18.3	31
2,4-Dimethylphenol	824	U	324	276	39.3	33.6	2	10.0-120	J	J	15.9	33
4,6-Dinitro-2-methylphenol	824	U	355	318	43.1	38.7	2	10.0-120	J	J	11.1	39
2,4-Dinitrophenol	824	U	447	424	54.2	51.6	2	10.0-121	J	J	5.34	40
2-Nitrophenol	824	U	345	298	41.8	36.3	2	12.0-120	J	J	14.5	39
4-Nitrophenol	824	U	436	354	53.0	43.1	2	10.0-137	J	J	20.9	32
Pentachlorophenol	824	U	284	216	34.5	26.3	2	10.0-160	J	J	27.4	31
Phenol	824	U	340	300	41.2	36.5	2	12.0-120	J	J	12.5	38
2,4,6-Trichlorophenol	824	U	381	311	46.2	37.9	2	19.0-120	J	J	20.1	32
(S) 2-Fluorophenol					*44.9*	*40.4*		*12.0-120*				
(S) Phenol-d5					*45.7*	*39.5*		*10.0-120*				
(S) Nitrobenzene-d5					*38.9*	*34.6*		*10.0-122*				
(S) 2-Fluorobiphenyl					*40.1*	*34.0*		*15.0-120*				

L1852776-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852776-02 04/29/25 20:52 • (MS) R4207245-3 04/29/25 21:14 • (MSD) R4207245-4 04/29/25 21:37

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	%	%		%			%	%
(S) 2,4,6-Tribromophenol					*44.0*	*36.5*		*10.0-127*				
(S) p-Terphenyl-d14					*43.3*	*36.8*		*10.0-120*				

Sample Narrative:

OS: Dilution due to matrix impact during extract concentration procedure.

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.
MDL (dry)	Method Detection Limit.
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
B	The same analyte is found in the associated blank.
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.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

GLOSSARY OF TERMS

Qualifier	Description
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	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

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

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

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

Pace® Location Requested (City/State): Pace National, 12065 Lebanon Road, Mt. Juliet, TN 37122

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

D113

Company Name: CTEH, LLC	Contact/Report To: Lab Results, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman
Street Address: 5120 North Shore Drive, North Little Rock, AR 72118	Phone #:
	E-Mail: labresults@cteh.com; kylelawrence@cteh.com; tmcmullin@cteh.com; ahenault@cteh.com
	Cc E-Mail: ecatlin@cteh.com; mklinkerman@cteh.com
Customer Project #: PROJ-054017	Invoice to: CTEH
Project Name: Bishop LOC	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 **: 8 oz | 8 oz | 8 oz | 8 oz | 6

Identify Container Preservative Type***: 1 | 1 | 1 | 1 | 4

Analysis Requested: VOCs 8260D | SVOCs 8270E; Metals 6010D | Total N/TKN/N+N/NH3 EPA 351.2/9056A | TOC Walkley Black | VOCs 8260D

**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

Lab Use Only: Proj. Mgr: 546-Jared Starkey; AcctNum / Client ID: CTEHER; Table #: U85271de; Profile / Template: T271979; Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample.

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	Sample Comment
GACO428T156-150001	SS	G	4-28-25	0945	—	—	3	-	-	-01

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: Matthew Bell; Signature: Matthew Bell

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C):	Corrected Temp. (°C):	[ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Matthew Bell	4-28-25 1800	Pace	4-28-25 1800	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	4/29/25 11:15	Delivered by: [ ] In- Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	of

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://in

I-CORQ-0019_v02_110123 ©

TLA9 1.0+0.4 = 1.4 TRIG:

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	Comm 3	