ANALYTICAL REPORT

May 15, 2025

Pace Analytical Services, LLC
2025.05.16 18:29:33 -05'00'
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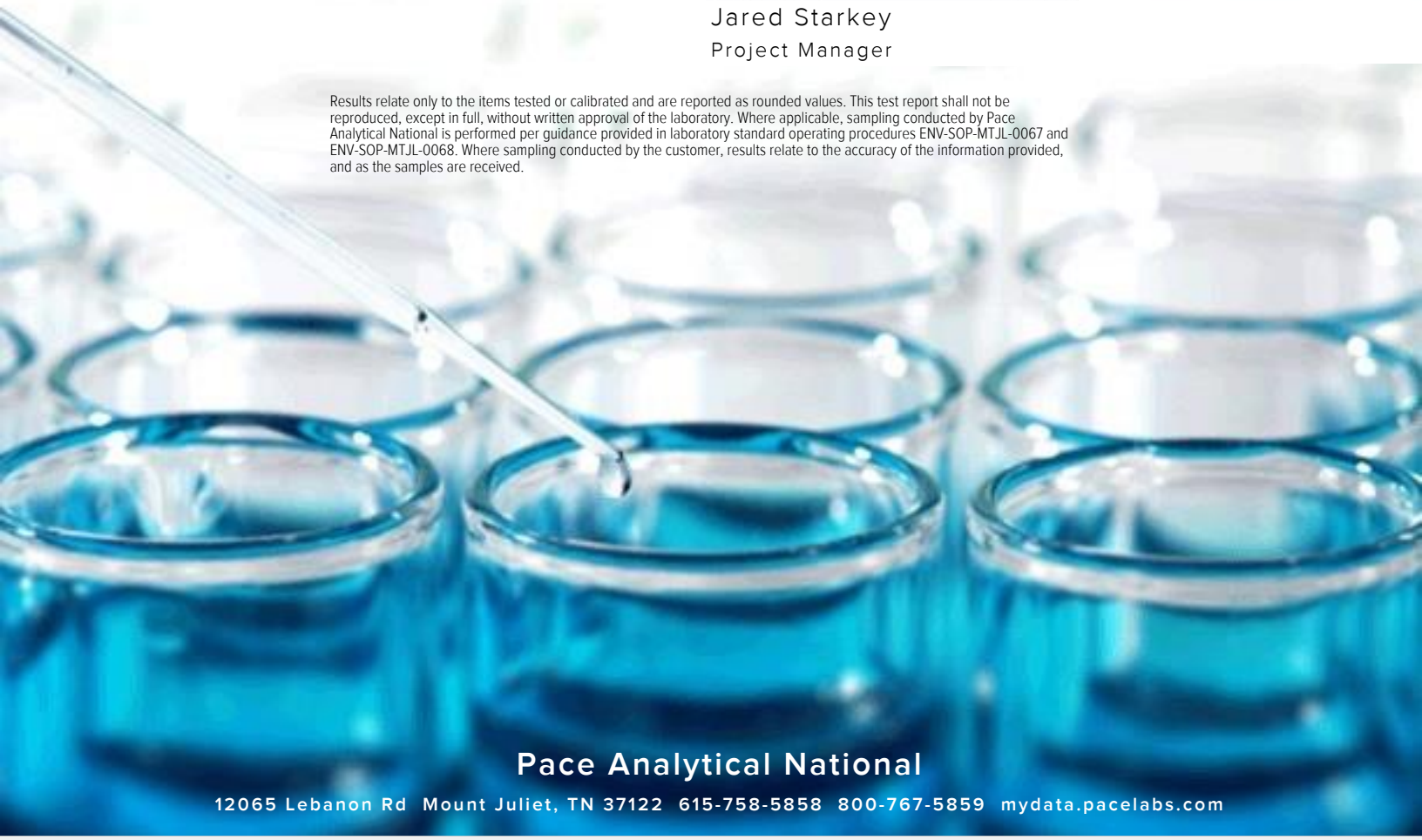
CTEH - ER

Sample Delivery Group:	L1858014
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.



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

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GACO0512W001 L1858014-01

Collected by: Adam Earhart | Collected date/time: 05/12/25 07:38 | Received date/time: 05/13/25 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2513932	1	05/14/25 15:59	05/14/25 15:59	KMB	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG2513941	1	05/13/25 14:14	05/13/25 21:52	AMG	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2513799	1	05/13/25 14:00	05/13/25 15:10	AMG	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2514015	5	05/13/25 16:45	05/14/25 13:06	CAT	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2513952	1	05/13/25 14:50	05/13/25 14:50	BJM	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2513712	5	05/13/25 15:24	05/13/25 15:24	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2513712	50	05/13/25 16:18	05/13/25 16:18	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2513792	1	05/13/25 15:41	05/13/25 15:41	LAS	Mt. Juliet, TN
Wet Chemistry by Method 351.2	WG2513932	1	05/14/25 07:42	05/14/25 15:59	KMB	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2515004	1	05/14/25 07:42	05/14/25 15:58	KMB	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2513836	1	05/13/25 15:52	05/13/25 15:52	KAM	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2513929	1	05/13/25 14:15	05/13/25 16:00	JEG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2513895	1	05/13/25 17:06	05/13/25 17:06	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2513600	1	05/13/25 14:27	05/13/25 14:27	BJM	Mt. Juliet, TN
Mercury by Method 7470A	WG2513837	1	05/13/25 15:42	05/13/25 18:27	AKB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513898	1	05/13/25 15:12	05/13/25 16:39	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	1	05/13/25 15:41	05/13/25 19:49	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	1	05/13/25 15:41	05/13/25 20:08	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	5	05/13/25 15:41	05/13/25 22:17	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2513915	1	05/13/25 14:31	05/13/25 14:31	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2513854	1	05/13/25 18:43	05/13/25 18:43	NCD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2513812	1	05/13/25 13:22	05/13/25 18:57	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2513804	1	05/13/25 13:20	05/13/25 21:49	JRM	Mt. Juliet, TN

GACO0512T001 L1858014-02

Collected by: Adam Earhart | 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 19:03	05/13/25 19:03	NCD	Mt. Juliet, TN

GACO0512T002 L1858014-03

Collected by: Adam Earhart | 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 19:24	05/13/25 19:24	NCD	Mt. Juliet, TN

GACO0512T003 L1858014-04

Collected by: Adam Earhart | 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 18:22	05/13/25 18:22	NCD	Mt. Juliet, TN

GACO0512W002 L1858014-05

Collected by: Adam Earhart | Collected date/time: 05/12/25 08:29 | Received date/time: 05/13/25 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2513932	1	05/14/25 16:02	05/14/25 16:02	KMB	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG2513941	1	05/13/25 14:14	05/13/25 21:52	AMG	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2513799	1	05/13/25 14:00	05/13/25 15:10	AMG	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2514015	5	05/13/25 16:45	05/14/25 13:32	CAT	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2513952	1	05/13/25 14:57	05/13/25 14:57	BJM	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2513712	5	05/13/25 16:45	05/13/25 16:45	ZSA	Mt. Juliet, TN

GACO0512W002 L1858014-05

Collected by: Adam Earhart | Collected date/time: 05/12/25 08:29 | Received date/time: 05/13/25 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2513712	50	05/13/25 16:58	05/13/25 16:58	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2513792	1	05/13/25 15:46	05/13/25 15:46	LAS	Mt. Juliet, TN
Wet Chemistry by Method 351.2	WG2513932	1	05/14/25 07:42	05/14/25 16:02	KMB	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2515004	1	05/14/25 07:42	05/14/25 16:01	KMB	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2513836	1	05/13/25 17:01	05/13/25 17:01	KAM	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2513929	1	05/13/25 14:15	05/13/25 16:03	JEG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2513895	1	05/14/25 01:56	05/14/25 01:56	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2513600	1	05/13/25 14:27	05/13/25 14:27	BJM	Mt. Juliet, TN
Mercury by Method 7470A	WG2513837	1	05/13/25 15:42	05/13/25 18:46	AKB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513898	1	05/13/25 15:12	05/13/25 16:55	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	1	05/13/25 15:41	05/13/25 19:27	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	1	05/13/25 15:41	05/13/25 20:06	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	5	05/13/25 15:41	05/13/25 22:32	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2513915	1	05/13/25 14:51	05/13/25 14:51	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2513854	1	05/13/25 19:44	05/13/25 19:44	NCD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2513812	1	05/13/25 13:22	05/13/25 20:26	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2513804	1	05/13/25 13:20	05/13/25 22:54	JRM	Mt. Juliet, TN

GACO0512T004 L1858014-06

Collected by: Adam Earhart | 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 20:04	05/13/25 20:04	NCD	Mt. Juliet, TN

GACO0512W002.5 L1858014-07

Collected by: Adam Earhart | Collected date/time: 05/12/25 08:44 | Received date/time: 05/13/25 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2513932	1	05/14/25 16:03	05/14/25 16:03	KMB	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG2513941	1	05/13/25 14:14	05/13/25 21:52	AMG	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2513799	1	05/13/25 14:00	05/13/25 15:10	AMG	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2514015	5	05/13/25 16:45	05/14/25 13:12	CAT	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2513952	1	05/13/25 15:01	05/13/25 15:01	BJM	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2513712	5	05/13/25 17:15	05/13/25 17:15	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2513712	50	05/13/25 17:29	05/13/25 17:29	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2513792	1	05/13/25 15:47	05/13/25 15:47	LAS	Mt. Juliet, TN
Wet Chemistry by Method 351.2	WG2513932	1	05/14/25 07:42	05/14/25 16:03	KMB	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2515004	1	05/14/25 07:42	05/14/25 16:03	KMB	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2513836	1	05/13/25 17:45	05/13/25 17:45	KAM	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2513929	1	05/13/25 14:15	05/13/25 16:03	JEG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2513895	1	05/13/25 18:10	05/13/25 18:10	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2513600	1	05/13/25 14:27	05/13/25 14:27	BJM	Mt. Juliet, TN
Mercury by Method 7470A	WG2513837	1	05/13/25 15:42	05/13/25 18:49	AKB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513898	1	05/13/25 15:12	05/13/25 16:59	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	1	05/13/25 15:41	05/13/25 19:30	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	1	05/13/25 15:41	05/13/25 20:09	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	5	05/13/25 15:41	05/13/25 22:35	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2513915	1	05/13/25 15:10	05/13/25 15:10	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2513871	1	05/13/25 14:11	05/13/25 14:11	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2513812	1	05/13/25 13:22	05/13/25 20:48	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2513804	1.01	05/13/25 13:20	05/13/25 23:15	JRM	Mt. Juliet, TN

GACO0512T005 L1858014-08

Collected by: Adam Earhart | 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	WG2513871	1	05/13/25 14:32	05/13/25 14:32	DWR	Mt. Juliet, TN

GACO0512W003 L1858014-09

Collected by: Adam Earhart | Collected date/time: 05/12/25 09:02 | Received date/time: 05/13/25 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2513932	1	05/14/25 16:04	05/14/25 16:04	KMB	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG2513941	1	05/13/25 14:14	05/13/25 21:52	AMG	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2513799	1	05/13/25 14:00	05/13/25 15:10	AMG	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2514015	5	05/13/25 16:45	05/14/25 13:13	CAT	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2513952	1	05/13/25 15:05	05/13/25 15:05	BJM	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2513712	5	05/13/25 17:42	05/13/25 17:42	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2513712	50	05/13/25 17:56	05/13/25 17:56	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2513792	1	05/13/25 15:49	05/13/25 15:49	LAS	Mt. Juliet, TN
Wet Chemistry by Method 351.2	WG2513932	1	05/14/25 07:42	05/14/25 16:04	KMB	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2515004	1	05/14/25 07:42	05/14/25 16:04	KMB	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2513836	1	05/13/25 18:05	05/13/25 18:05	KAM	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2513929	1	05/13/25 14:15	05/13/25 16:04	JEG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2513895	1	05/14/25 02:22	05/14/25 02:22	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2513600	1	05/13/25 14:27	05/13/25 14:27	BJM	Mt. Juliet, TN
Mercury by Method 7470A	WG2513837	1	05/13/25 15:42	05/13/25 18:51	AKB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513898	1	05/13/25 15:12	05/13/25 17:02	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	1	05/13/25 15:41	05/13/25 19:34	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	1	05/13/25 15:41	05/13/25 20:12	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	5	05/13/25 15:41	05/13/25 22:39	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2513915	1	05/13/25 15:30	05/13/25 15:30	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2513871	1	05/13/25 14:52	05/13/25 14:52	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2513812	2	05/13/25 13:22	05/13/25 21:11	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2513804	1	05/13/25 13:20	05/14/25 01:03	JRM	Mt. Juliet, TN

GACO0512T006 L1858014-10

Collected by: Adam Earhart | 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	WG2513871	1	05/13/25 15:13	05/13/25 15:13	DWR	Mt. Juliet, TN

GACO0512W004 L1858014-11

Collected by: Reasam Rives | Collected date/time: 05/12/25 08:35 | Received date/time: 05/13/25 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2513932	1	05/14/25 16:07	05/14/25 16:07	KMB	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG2513941	1	05/13/25 14:14	05/13/25 21:52	AMG	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2513799	1	05/13/25 14:00	05/13/25 15:10	AMG	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2514015	5	05/13/25 16:45	05/14/25 13:17	CAT	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2513952	1	05/13/25 15:09	05/13/25 15:09	BJM	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2513712	5	05/13/25 18:09	05/13/25 18:09	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2513712	50	05/13/25 18:50	05/13/25 18:50	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2513792	1	05/13/25 15:50	05/13/25 15:50	LAS	Mt. Juliet, TN
Wet Chemistry by Method 351.2	WG2513932	1	05/14/25 07:42	05/14/25 16:07	KMB	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2515004	1	05/14/25 07:42	05/14/25 16:05	KMB	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2513836	1	05/13/25 18:28	05/13/25 18:28	KAM	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2513929	1	05/13/25 14:15	05/13/25 16:04	JEG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2513895	1	05/13/25 19:02	05/13/25 19:02	VSS	Mt. Juliet, TN

GACO0512W004 L1858014-11

Collected by: Reasam Rives | Collected date/time: 05/12/25 08:35 | Received date/time: 05/13/25 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9040C	WG2513600	1	05/13/25 14:27	05/13/25 14:27	BJM	Mt. Juliet, TN
Mercury by Method 7470A	WG2513837	1	05/13/25 15:42	05/13/25 18:54	AKB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513898	1	05/13/25 15:12	05/13/25 17:15	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	1	05/13/25 15:41	05/13/25 19:37	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	1	05/13/25 15:41	05/13/25 20:22	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	5	05/13/25 15:41	05/13/25 22:48	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2513915	1	05/13/25 15:51	05/13/25 15:51	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2513871	1	05/13/25 15:33	05/13/25 15:33	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2513812	2	05/13/25 13:22	05/13/25 21:33	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2513804	1	05/13/25 13:20	05/14/25 01:25	JCH	Mt. Juliet, TN

GACO0512T007 L1858014-12

Collected by: Reasam Rives | 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	WG2513871	1	05/13/25 15:53	05/13/25 15:53	DWR	Mt. Juliet, TN

GACO0512V004 L1858014-13

Collected by: Reasam Rives | Collected date/time: 05/12/25 08:35 | Received date/time: 05/13/25 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2513932	1	05/14/25 16:08	05/14/25 16:08	KMB	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG2513941	1	05/13/25 14:14	05/13/25 21:52	AMG	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2513799	1	05/13/25 14:00	05/13/25 15:10	AMG	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2514015	5	05/13/25 16:45	05/14/25 13:18	CAT	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2513952	1	05/13/25 15:13	05/13/25 15:13	BJM	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2513712	5	05/13/25 19:03	05/13/25 19:03	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2513712	50	05/13/25 19:17	05/13/25 19:17	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2513792	1	05/13/25 15:56	05/13/25 15:56	LAS	Mt. Juliet, TN
Wet Chemistry by Method 351.2	WG2513932	1	05/14/25 07:42	05/14/25 16:08	KMB	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2515004	1	05/14/25 07:42	05/14/25 16:07	KMB	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2513836	1	05/13/25 18:51	05/13/25 18:51	KAM	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2513929	1	05/13/25 14:15	05/13/25 16:04	JEG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2513895	1	05/13/25 19:15	05/13/25 19:15	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2513600	1	05/13/25 14:27	05/13/25 14:27	BJM	Mt. Juliet, TN
Mercury by Method 7470A	WG2513837	1	05/13/25 15:42	05/13/25 18:57	AKB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513898	1	05/13/25 15:12	05/13/25 17:18	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	1	05/13/25 15:41	05/13/25 19:40	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	1	05/13/25 15:41	05/13/25 20:26	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	5	05/13/25 15:41	05/13/25 22:51	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2513915	1	05/13/25 16:11	05/13/25 16:11	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2513871	1	05/13/25 16:14	05/13/25 16:14	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2513812	1	05/13/25 13:22	05/13/25 21:55	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2513804	1.02	05/13/25 13:20	05/14/25 01:46	JCH	Mt. Juliet, TN

GACO0512T008 L1858014-14

Collected by: Reasam Rives | 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	WG2513871	1	05/13/25 16:34	05/13/25 16:34	DWR	Mt. Juliet, TN

GACO0512W004.5 L1858014-15

Collected by: Reasam Rives | Collected date/time: 05/12/25 08:10 | Received date/time: 05/13/25 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2513932	1	05/14/25 16:09	05/14/25 16:09	KMB	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG2513941	1	05/13/25 14:14	05/13/25 21:52	AMG	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2513799	1	05/13/25 14:00	05/13/25 15:10	AMG	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2514015	5	05/13/25 16:45	05/14/25 13:19	CAT	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2513952	1	05/13/25 15:17	05/13/25 15:17	BJM	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2513712	5	05/13/25 19:30	05/13/25 19:30	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2513712	50	05/13/25 19:44	05/13/25 19:44	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2513792	1	05/13/25 15:58	05/13/25 15:58	LAS	Mt. Juliet, TN
Wet Chemistry by Method 351.2	WG2513932	1	05/14/25 07:42	05/14/25 16:09	KMB	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2515004	1	05/14/25 07:42	05/14/25 16:08	KMB	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2513836	1	05/13/25 19:15	05/13/25 19:15	KAM	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2513929	1	05/13/25 14:15	05/13/25 16:05	JEG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2513895	1	05/13/25 19:27	05/13/25 19:27	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2513600	1	05/13/25 14:27	05/13/25 14:27	BJM	Mt. Juliet, TN
Mercury by Method 7470A	WG2513837	1	05/13/25 15:42	05/13/25 18:59	AKB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513898	1	05/13/25 15:12	05/13/25 17:22	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	1	05/13/25 15:41	05/13/25 19:43	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	1	05/13/25 15:41	05/13/25 20:29	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	5	05/13/25 15:41	05/13/25 23:11	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2513915	1	05/13/25 16:31	05/13/25 16:31	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2513871	1	05/13/25 16:55	05/13/25 16:55	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2513812	1	05/13/25 13:22	05/14/25 01:17	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2513804	1	05/13/25 13:20	05/13/25 23:37	JRM	Mt. Juliet, TN

GACO0512T009 L1858014-16

Collected by: Reasam Rives | 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	WG2513871	1	05/13/25 17:15	05/13/25 17:15	DWR	Mt. Juliet, TN

GACO0512W005 L1858014-17

Collected by: Reasam Rives | Collected date/time: 05/12/25 09:45 | Received date/time: 05/13/25 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2513932	1	05/14/25 16:10	05/14/25 16:10	KMB	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG2513941	1	05/13/25 14:14	05/13/25 21:52	AMG	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2513799	1	05/13/25 14:00	05/13/25 15:10	AMG	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2514015	5	05/13/25 16:45	05/14/25 13:20	CAT	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2513952	1	05/13/25 15:34	05/13/25 15:34	BJM	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2513712	5	05/13/25 19:57	05/13/25 19:57	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2513712	50	05/13/25 20:11	05/13/25 20:11	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2513792	1	05/13/25 15:59	05/13/25 15:59	LAS	Mt. Juliet, TN
Wet Chemistry by Method 351.2	WG2513932	1	05/14/25 07:42	05/14/25 16:10	KMB	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2515004	1	05/14/25 07:42	05/14/25 16:12	KMB	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2513836	1	05/13/25 20:18	05/13/25 20:18	KAM	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2513929	1	05/13/25 14:15	05/13/25 16:06	JEG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2513895	1	05/13/25 19:40	05/13/25 19:40	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2513600	1	05/13/25 14:27	05/13/25 14:27	BJM	Mt. Juliet, TN
Mercury by Method 7470A	WG2513837	1	05/13/25 15:42	05/13/25 19:02	AKB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513898	1	05/13/25 15:12	05/13/25 17:25	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	1	05/13/25 15:41	05/13/25 19:46	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	1	05/13/25 15:41	05/13/25 20:32	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	5	05/13/25 15:41	05/13/25 22:57	LD	Mt. Juliet, TN

GACO0512W005 L1858014-17

Collected by: Reasam Rives | Collected date/time: 05/12/25 09:45 | Received date/time: 05/13/25 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2513915	1	05/13/25 16:51	05/13/25 16:51	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2513624	1	05/13/25 19:21	05/13/25 19:21	NCD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2513812	1	05/13/25 13:22	05/13/25 22:40	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2513804	1	05/13/25 13:20	05/13/25 23:59	JRM	Mt. Juliet, TN

GACO0512T010 L1858014-18

Collected by: Reasam Rives | 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	WG2513624	1	05/13/25 18:05	05/13/25 18:05	NCD	Mt. Juliet, TN

GACO0512W006 L1858014-19

Collected by: Reasam Rives | Collected date/time: 05/12/25 07:35 | Received date/time: 05/13/25 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2513932	1	05/14/25 16:12	05/14/25 16:12	KMB	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG2513941	1	05/13/25 14:14	05/13/25 21:52	AMG	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2513799	1	05/13/25 14:00	05/13/25 15:10	AMG	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2514766	5	05/14/25 16:43	05/14/25 22:50	CAT	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2513952	1	05/13/25 15:37	05/13/25 15:37	BJM	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2513712	5	05/13/25 20:24	05/13/25 20:24	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2513712	50	05/13/25 20:38	05/13/25 20:38	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2513792	1	05/13/25 16:01	05/13/25 16:01	LAS	Mt. Juliet, TN
Wet Chemistry by Method 351.2	WG2513932	1	05/14/25 07:42	05/14/25 16:12	KMB	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2515004	1	05/14/25 07:42	05/14/25 16:13	KMB	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2513836	1	05/13/25 21:39	05/13/25 21:39	KAM	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2513929	1	05/13/25 14:15	05/13/25 16:08	JEG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2513895	1	05/13/25 19:53	05/13/25 19:53	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2513600	1	05/13/25 14:27	05/13/25 14:27	BJM	Mt. Juliet, TN
Mercury by Method 7470A	WG2513837	1	05/13/25 15:42	05/13/25 19:05	AKB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513898	1	05/13/25 15:12	05/13/25 17:28	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	1	05/13/25 15:41	05/13/25 19:49	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	1	05/13/25 15:41	05/13/25 20:36	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	5	05/13/25 15:41	05/13/25 23:00	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2513915	1	05/13/25 17:11	05/13/25 17:11	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2513624	1	05/13/25 19:40	05/13/25 19:40	NCD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2513812	2	05/13/25 13:22	05/13/25 23:24	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2513804	1	05/13/25 13:20	05/14/25 02:08	JCH	Mt. Juliet, TN

GACO0512T011 L1858014-20

Collected by: Reasam Rives | 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	WG2513624	1	05/13/25 18:24	05/13/25 18:24	NCD	Mt. Juliet, TN

GACO0512W008 L1858014-21

Collected by: Reasam Rives | Collected date/time: 05/12/25 09:05 | Received date/time: 05/13/25 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2513932	1	05/14/25 16:13	05/14/25 16:13	KMB	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG2513941	1	05/13/25 14:14	05/13/25 21:52	AMG	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2513799	1	05/13/25 14:00	05/13/25 15:10	AMG	Mt. Juliet, TN

GACO0512W008 L1858014-21

Collected by: Reasam Rives | Collected date/time: 05/12/25 09:05 | Received date/time: 05/13/25 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 130.1	WG2514015	5	05/13/25 16:45	05/14/25 13:23	CAT	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2513952	1	05/13/25 15:42	05/13/25 15:42	BJM	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2513712	1	05/13/25 20:51	05/13/25 20:51	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2513712	10	05/13/25 21:59	05/13/25 21:59	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2513792	1	05/13/25 16:02	05/13/25 16:02	LAS	Mt. Juliet, TN
Wet Chemistry by Method 351.2	WG2513932	1	05/14/25 07:42	05/14/25 16:13	KMB	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2515004	1	05/14/25 07:42	05/14/25 16:14	KMB	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2513836	1	05/13/25 22:21	05/13/25 22:21	KAM	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2513929	1	05/13/25 14:15	05/13/25 16:09	JEG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2513895	1	05/13/25 20:06	05/13/25 20:06	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2513600	1	05/13/25 14:27	05/13/25 14:27	BJM	Mt. Juliet, TN
Mercury by Method 7470A	WG2513837	1	05/13/25 15:42	05/13/25 19:08	AKB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513898	1	05/13/25 15:12	05/13/25 17:31	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	1	05/13/25 15:41	05/13/25 19:52	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	1	05/13/25 15:41	05/13/25 20:39	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	1	05/13/25 15:41	05/13/25 23:04	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2513915	1	05/13/25 17:30	05/13/25 17:30	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2513624	1	05/13/25 19:59	05/13/25 19:59	NCD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2513812	1	05/13/25 13:22	05/14/25 00:09	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2513804	1	05/13/25 13:20	05/14/25 00:20	JRM	Mt. Juliet, TN

GACO0512T012 L1858014-22

Collected by: Reasam Rives | 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	WG2513624	1	05/13/25 18:43	05/13/25 18:43	NCD	Mt. Juliet, TN

GACO0512F001 L1858014-23

Collected by: Reasam Rives | Collected date/time: 05/12/25 09:05 | Received date/time: 05/13/25 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2513932	1	05/14/25 16:13	05/14/25 16:13	KMB	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG2513941	1	05/13/25 14:14	05/13/25 21:52	AMG	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2513799	1	05/13/25 14:00	05/13/25 15:10	AMG	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2514015	1	05/13/25 16:45	05/14/25 13:24	CAT	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2513952	1	05/13/25 15:45	05/13/25 15:45	BJM	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2513712	1	05/13/25 22:26	05/13/25 22:26	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2513792	1	05/13/25 16:04	05/13/25 16:04	LAS	Mt. Juliet, TN
Wet Chemistry by Method 351.2	WG2513932	1	05/14/25 07:42	05/14/25 16:13	KMB	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2515004	1	05/14/25 07:42	05/14/25 16:16	KMB	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2513836	1	05/13/25 22:40	05/13/25 22:40	KAM	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2513929	1	05/13/25 14:15	05/13/25 16:09	JEG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2513895	1	05/13/25 20:32	05/13/25 20:32	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2513600	1	05/13/25 14:27	05/13/25 14:27	BJM	Mt. Juliet, TN
Mercury by Method 7470A	WG2513837	1	05/13/25 15:42	05/13/25 19:16	AKB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513898	1	05/13/25 15:12	05/13/25 17:35	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	1	05/13/25 15:41	05/13/25 20:20	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	1	05/13/25 15:41	05/13/25 20:42	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2513902	1	05/13/25 15:41	05/13/25 23:07	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2513915	1	05/13/25 17:50	05/13/25 17:50	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2513624	1	05/13/25 20:18	05/13/25 20:18	NCD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2513812	1	05/13/25 13:22	05/14/25 00:53	TJD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2513804	1	05/13/25 13:20	05/14/25 00:42	JRM	Mt. Juliet, TN

SAMPLE SUMMARY

GACO0512T013 L1858014-24

Collected by: Reasam Rives
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	WG2513624	1	05/13/25 19:02	05/13/25 19:02	NCD	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

Sample Delivery Group (SDG) Narrative

The following samples were prepared and/or analyzed past recommended holding time. Concentrations should be considered minimum values.

Batch	Method	Lab Sample ID
WG2513600	9040C	L1858014-01, 05, 07, 09, 11, 13, 15, 17, 19, 21, 23

The laboratory analysis was performed from an unpreserved, insufficiently or inadequately preserved sample.

Batch	Method	Lab Sample ID
WG2513836	5310 B-2014	L1858014-09, 21

Wet Chemistry by Method 130.1

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
WG2514015	(MS) R4214549-3	Hardness (colorimetric) as CaCO3
WG2514015	(MSD) R4214549-4	Hardness (colorimetric) as CaCO3

Wet Chemistry by Method 300.0

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
WG2513712	(MS) R4214342-4	Sulfate
WG2513712	(MSD) R4214342-5	Sulfate
WG2513712	(MS) R4214342-8	Nitrate as (N) and Sulfate

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

Batch	Lab Sample ID	Analytes
WG2513712	(MS) R4214342-4, (MS) R4214342-8, (MSD) R4214342-5, L1858014-01, 21	Bromide, Chloride, Fluoride and Nitrate as (N)

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

Batch	Lab Sample ID	Analytes
WG2513712	(MS) R4214342-4, (MS) R4214342-8, (MSD) R4214342-5	Sulfate

Wet Chemistry by Method 351.2

RPD value not applicable for sample concentrations less than 5 times the reporting limit.

Batch	Lab Sample ID	Analytes
WG2513932	(DUP) R4214713-5, (DUP) R4214713-6	Kjeldahl Nitrogen, TKN

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

Batch	Lab Sample ID	Analytes
WG2513932	(MS) R4214713-3, (MS) R4214713-7, (MSD) R4214713-8, L1858014-01	Kjeldahl Nitrogen, TKN

Wet Chemistry by Method 365.4

RPD value not applicable for sample concentrations less than 5 times the reporting limit.

Batch	Lab Sample ID	Analytes
WG2515004	(DUP) R4214712-3	Phosphorus,Total

Wet Chemistry by Method 5310 B-2014

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
WG2513836	(MS) R4214294-6	TOC (Total Organic Carbon)
WG2513836	(MSD) R4214294-7	TOC (Total Organic Carbon)

Metals (ICPMS) by Method 6020B

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

Batch	Lab Sample ID	Analytes
WG2513902	(MS) R4214229-4, (MSD) R4214229-10, (MSD) R4214229-5, L1858014-01	Boron, Calcium, Magnesium 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
WG2513624	L1858014-17	1,2,3-Trichlorobenzene, Acrolein and Naphthalene
WG2513624	L1858014-18	1,2,3-Trichlorobenzene, Acrolein and Naphthalene
WG2513624	L1858014-19	1,2,3-Trichlorobenzene, Acrolein and Naphthalene
WG2513624	L1858014-20	1,2,3-Trichlorobenzene, Acrolein and Naphthalene
WG2513624	L1858014-21	1,2,3-Trichlorobenzene, Acrolein and Naphthalene
WG2513624	L1858014-22	1,2,3-Trichlorobenzene, Acrolein and Naphthalene
WG2513624	L1858014-23	1,2,3-Trichlorobenzene, Acrolein and Naphthalene
WG2513624	L1858014-24	1,2,3-Trichlorobenzene, Acrolein and Naphthalene
WG2513854	L1858014-01	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Dichlorodifluoromethane and Naphthalene
WG2513854	L1858014-02	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Dichlorodifluoromethane and Naphthalene
WG2513854	L1858014-03	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Dichlorodifluoromethane and Naphthalene
WG2513854	L1858014-04	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Dichlorodifluoromethane and Naphthalene
WG2513854	L1858014-05	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Dichlorodifluoromethane and Naphthalene
WG2513854	L1858014-06	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Dichlorodifluoromethane and Naphthalene
WG2513871	L1858014-07	Dichlorodifluoromethane
WG2513871	L1858014-08	Dichlorodifluoromethane
WG2513871	L1858014-09	Dichlorodifluoromethane
WG2513871	L1858014-10	Dichlorodifluoromethane

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
WG2513871	L1858014-11	Dichlorodifluoromethane
WG2513871	L1858014-12	Dichlorodifluoromethane
WG2513871	L1858014-13	Dichlorodifluoromethane
WG2513871	L1858014-14	Dichlorodifluoromethane
WG2513871	L1858014-15	Dichlorodifluoromethane
WG2513871	L1858014-16	Dichlorodifluoromethane

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

Batch	Lab Sample ID	Analytes
WG2513624	(LCS) R4214236-1, (LCSD) R4214236-2, L1858014-17, 18, 19, 20, 21, 22, 23, 24	1,2-Dibromo-3-Chloropropane and Acrolein

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

Batch	Lab Sample ID	Analytes
WG2513624	(LCS) R4214236-1, (LCSD) R4214236-2, L1858014-17, 18, 19, 20, 21, 22, 23, 24	Carbon tetrachloride
WG2513854	(LCS) R4214264-1, (LCSD) R4214264-2, L1858014-01, 02, 03, 04, 05, 06	Bromomethane

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

Batch	Lab Sample ID	Analytes
WG2513624	(LCSD) R4214236-2, L1858014-17, 18, 19, 20, 21, 22, 23, 24	1,2-Dibromo-3-Chloropropane

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, L1858014-01	Bromomethane

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

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

Batch	Lab Sample ID	Analytes
WG2513804	(LCS) R4214302-1, L1858014-01, 05, 07, 09, 11, 13, 15, 17, 19, 21, 23	Benzidine

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

Batch	Lab Sample ID	Analytes
WG2513804	(MS) R4214302-3, (MSD) R4214302-4, L1858014-01	3,3-Dichlorobenzidine and Benzidine

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

Batch	Lab Sample ID	Analytes
WG2513804	(MSD) R4214302-4, L1858014-01	30 analytes

Calculated Results

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Total Nitrogen	4570		250	1	05/14/2025 15:59	WG2513932

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2820000		50000	1	05/13/2025 21:52	WG2513941

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Suspended Solids	23400		5000	1	05/13/2025 15:10	WG2513799

Wet Chemistry by Method 130.1

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hardness (colorimetric) as CaCO3	1450000		150000	5	05/14/2025 13:06	WG2514015

Wet Chemistry by Method 2320 B-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Alkalinity	386000		20000	1	05/13/2025 14:50	WG2513952

Sample Narrative:

L1858014-01 WG2513952: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 300.0

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Bromide	ND	J6	5000	5	05/13/2025 15:24	WG2513712
Chloride	108000	J6	5000	5	05/13/2025 15:24	WG2513712
Fluoride	1220	J6	750	5	05/13/2025 15:24	WG2513712
Nitrate as (N)	2520	J6	500	5	05/13/2025 15:24	WG2513712
Nitrite as (N)	ND		500	5	05/13/2025 15:24	WG2513712
Sulfate	1500000		250000	50	05/13/2025 16:18	WG2513712

Sample Narrative:

L1858014-01 WG2513712: Dilution due to matrix impact on instrumentation at lower dilution

Wet Chemistry by Method 350.1

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	233		100	1	05/13/2025 15:41	WG2513792

Wet Chemistry by Method 351.2

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	2050	J5	250	1	05/14/2025 15:59	WG2513932

Wet Chemistry by Method 365.4

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Phosphorus,Total	238		100	1	05/14/2025 15:58	WG2515004

Wet Chemistry by Method 5310 B-2014

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	12400		1000	1	05/13/2025 15:52	WG2513836

Wet Chemistry by Method 5540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
MBAS	101		100	1	05/13/2025 16:00	WG2513929

Wet Chemistry by Method 7199

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	05/13/2025 17:06	WG2513895

Wet Chemistry by Method 9040C

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.03	T8	1	05/13/2025 14:27	WG2513600

Sample Narrative:

L1858014-01 WG2513600: 8.03 at 20.4C

Mercury by Method 7470A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	05/13/2025 18:27	WG2513837

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Aluminum	371		100	1	05/13/2025 20:08	WG2513902
Aluminum,Dissolved	ND		100	1	05/13/2025 16:39	WG2513898
Antimony	ND		4.00	1	05/13/2025 20:08	WG2513902
Arsenic	2.41		2.00	1	05/13/2025 20:08	WG2513902
Arsenic,Dissolved	2.29		2.00	1	05/13/2025 16:39	WG2513898
Barium	38.6		2.00	1	05/13/2025 20:08	WG2513902
Beryllium	ND		2.00	1	05/13/2025 19:49	WG2513902
Boron	508	V	150	5	05/13/2025 22:17	WG2513902
Cadmium	ND		1.00	1	05/13/2025 20:08	WG2513902
Cadmium,Dissolved	ND		1.00	1	05/13/2025 16:39	WG2513898
Calcium	261000	V	1000	1	05/13/2025 20:08	WG2513902
Chromium	ND		2.00	1	05/13/2025 20:08	WG2513902
Chromium,Dissolved	ND		2.00	1	05/13/2025 16:39	WG2513898
Copper	ND		5.00	1	05/13/2025 20:08	WG2513902
Copper,Dissolved	ND		5.00	1	05/13/2025 16:39	WG2513898
Cobalt	ND		2.00	1	05/13/2025 20:08	WG2513902
Iron	299		100	1	05/13/2025 20:08	WG2513902
Lead	ND		2.00	1	05/13/2025 20:08	WG2513902
Lead,Dissolved	ND		2.00	1	05/13/2025 16:39	WG2513898
Magnesium	178000	V	1000	1	05/13/2025 20:08	WG2513902
Manganese	1050		5.00	1	05/13/2025 20:08	WG2513902
Manganese,Dissolved	1060		5.00	1	05/13/2025 16:39	WG2513898
Nickel	3.54		2.00	1	05/13/2025 20:08	WG2513902
Nickel,Dissolved	4.29		2.00	1	05/13/2025 16:39	WG2513898
Potassium	11100		2000	1	05/13/2025 20:08	WG2513902
Selenium	7.61		2.00	1	05/13/2025 20:08	WG2513902

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Selenium,Dissolved	7.84		2.00	1	05/13/2025 16:39	WG2513898
Silver	ND		2.00	1	05/13/2025 20:08	WG2513902
Silver,Dissolved	ND		2.00	1	05/13/2025 16:39	WG2513898
Sodium	311000	V	2000	1	05/13/2025 20:08	WG2513902
Thallium	ND		2.00	1	05/13/2025 20:08	WG2513902
Vanadium	ND		5.00	1	05/13/2025 20:08	WG2513902
Zinc	ND		25.0	1	05/13/2025 20:08	WG2513902
Zinc,Dissolved	ND		25.0	1	05/13/2025 16:39	WG2513898

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		100	1	05/13/2025 14:31	WG2513915
(S) a,a,a-Trifluorotoluene(FID)	*102*		*78.0-120*		*05/13/2025 14:31*	WG2513915

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/13/2025 18:43	WG2513854
Acrolein	ND		50.0	1	05/13/2025 18:43	WG2513854
Acrylonitrile	ND		10.0	1	05/13/2025 18:43	WG2513854
Benzene	ND		1.00	1	05/13/2025 18:43	WG2513854
Bromobenzene	ND		1.00	1	05/13/2025 18:43	WG2513854
Bromodichloromethane	ND		1.00	1	05/13/2025 18:43	WG2513854
Bromoform	ND		1.00	1	05/13/2025 18:43	WG2513854
Bromomethane	ND	J4 J5	5.00	1	05/13/2025 18:43	WG2513854
n-Butylbenzene	ND		1.00	1	05/13/2025 18:43	WG2513854
sec-Butylbenzene	ND		1.00	1	05/13/2025 18:43	WG2513854
tert-Butylbenzene	ND		1.00	1	05/13/2025 18:43	WG2513854
Carbon tetrachloride	ND		1.00	1	05/13/2025 18:43	WG2513854
Chlorobenzene	ND		1.00	1	05/13/2025 18:43	WG2513854
Chlorodibromomethane	ND		1.00	1	05/13/2025 18:43	WG2513854
Chloroethane	ND		5.00	1	05/13/2025 18:43	WG2513854
Chloroform	ND		5.00	1	05/13/2025 18:43	WG2513854
Chloromethane	ND		2.50	1	05/13/2025 18:43	WG2513854
2-Chlorotoluene	ND		1.00	1	05/13/2025 18:43	WG2513854
4-Chlorotoluene	ND		1.00	1	05/13/2025 18:43	WG2513854
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/13/2025 18:43	WG2513854
1,2-Dibromoethane	ND		1.00	1	05/13/2025 18:43	WG2513854
Dibromomethane	ND		1.00	1	05/13/2025 18:43	WG2513854
1,2-Dichlorobenzene	ND		1.00	1	05/13/2025 18:43	WG2513854
1,3-Dichlorobenzene	ND		1.00	1	05/13/2025 18:43	WG2513854
1,4-Dichlorobenzene	ND		1.00	1	05/13/2025 18:43	WG2513854
Dichlorodifluoromethane	ND	C3	5.00	1	05/13/2025 18:43	WG2513854
1,1-Dichloroethane	ND		1.00	1	05/13/2025 18:43	WG2513854
1,2-Dichloroethane	ND		1.00	1	05/13/2025 18:43	WG2513854
1,1-Dichloroethene	ND		1.00	1	05/13/2025 18:43	WG2513854
cis-1,2-Dichloroethene	ND		1.00	1	05/13/2025 18:43	WG2513854
trans-1,2-Dichloroethene	ND		1.00	1	05/13/2025 18:43	WG2513854
1,2-Dichloropropane	ND		1.00	1	05/13/2025 18:43	WG2513854
1,1-Dichloropropene	ND		1.00	1	05/13/2025 18:43	WG2513854
1,3-Dichloropropane	ND		1.00	1	05/13/2025 18:43	WG2513854
cis-1,3-Dichloropropene	ND		1.00	1	05/13/2025 18:43	WG2513854
trans-1,3-Dichloropropene	ND		1.00	1	05/13/2025 18:43	WG2513854
2,2-Dichloropropane	ND		1.00	1	05/13/2025 18:43	WG2513854

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Di-isopropyl ether	ND		1.00	1	05/13/2025 18:43	WG2513854
Ethylbenzene	ND		1.00	1	05/13/2025 18:43	WG2513854
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2025 18:43	WG2513854
Isopropylbenzene	ND		1.00	1	05/13/2025 18:43	WG2513854
p-Isopropyltoluene	ND		1.00	1	05/13/2025 18:43	WG2513854
2-Butanone (MEK)	ND		10.0	1	05/13/2025 18:43	WG2513854
Methylene Chloride	ND		5.00	1	05/13/2025 18:43	WG2513854
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/13/2025 18:43	WG2513854
Methyl tert-butyl ether	ND		1.00	1	05/13/2025 18:43	WG2513854
Naphthalene	ND	C3	5.00	1	05/13/2025 18:43	WG2513854
n-Propylbenzene	ND		1.00	1	05/13/2025 18:43	WG2513854
Styrene	ND		1.00	1	05/13/2025 18:43	WG2513854
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/13/2025 18:43	WG2513854
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/13/2025 18:43	WG2513854
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/13/2025 18:43	WG2513854
Tetrachloroethene	ND		1.00	1	05/13/2025 18:43	WG2513854
Toluene	ND		1.00	1	05/13/2025 18:43	WG2513854
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/13/2025 18:43	WG2513854
1,2,4-Trichlorobenzene	ND	C3	1.00	1	05/13/2025 18:43	WG2513854
1,1,1-Trichloroethane	ND		1.00	1	05/13/2025 18:43	WG2513854
1,1,2-Trichloroethane	ND		1.00	1	05/13/2025 18:43	WG2513854
Trichloroethene	ND		1.00	1	05/13/2025 18:43	WG2513854
Trichlorofluoromethane	ND		5.00	1	05/13/2025 18:43	WG2513854
1,2,3-Trichloropropane	ND		2.50	1	05/13/2025 18:43	WG2513854
1,2,4-Trimethylbenzene	ND		1.00	1	05/13/2025 18:43	WG2513854
1,2,3-Trimethylbenzene	ND		1.00	1	05/13/2025 18:43	WG2513854
1,3,5-Trimethylbenzene	ND		1.00	1	05/13/2025 18:43	WG2513854
Vinyl chloride	ND		1.00	1	05/13/2025 18:43	WG2513854
Xylenes, Total	ND		3.00	1	05/13/2025 18:43	WG2513854
(S) Toluene-d8	*109*		*80.0-120*		*05/13/2025 18:43*	WG2513854
(S) 4-Bromofluorobenzene	*96.1*		*77.0-126*		*05/13/2025 18:43*	WG2513854
(S) 1,2-Dichloroethane-d4	*100*		*70.0-130*		*05/13/2025 18:43*	WG2513854

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		100	1	05/13/2025 18:57	WG2513812
C28-C36 Motor Oil Range	280		100	1	05/13/2025 18:57	WG2513812
(S) o-Terphenyl	*110*		*52.0-156*		*05/13/2025 18:57*	WG2513812

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acenaphthene	ND	J3	1.00	1	05/13/2025 21:49	WG2513804
Acenaphthylene	ND	J3	1.00	1	05/13/2025 21:49	WG2513804
Anthracene	ND	J3	1.00	1	05/13/2025 21:49	WG2513804
Benzidine	ND	J4 J6	10.0	1	05/13/2025 21:49	WG2513804
Benzo(a)anthracene	ND	J3	1.00	1	05/13/2025 21:49	WG2513804
Benzo(b)fluoranthene	ND		1.00	1	05/13/2025 21:49	WG2513804
Benzo(k)fluoranthene	ND		1.00	1	05/13/2025 21:49	WG2513804
Benzo(g,h,i)perylene	ND		1.00	1	05/13/2025 21:49	WG2513804
Benzo(a)pyrene	ND	J3	1.00	1	05/13/2025 21:49	WG2513804
Bis(2-chlorethoxy)methane	ND		10.0	1	05/13/2025 21:49	WG2513804
Bis(2-chloroethyl)ether	ND		10.0	1	05/13/2025 21:49	WG2513804
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	05/13/2025 21:49	WG2513804

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
4-Bromophenyl-phenylether	ND	J3	10.0	1	05/13/2025 21:49	WG2513804
2-Chloronaphthalene	ND	J3	1.00	1	05/13/2025 21:49	WG2513804
4-Chlorophenyl-phenylether	ND	J3	10.0	1	05/13/2025 21:49	WG2513804
Chrysene	ND		1.00	1	05/13/2025 21:49	WG2513804
Dibenz(a,h)anthracene	ND		1.00	1	05/13/2025 21:49	WG2513804
1,2-Dichlorobenzene	ND		10.0	1	05/13/2025 21:49	WG2513804
1,3-Dichlorobenzene	ND		10.0	1	05/13/2025 21:49	WG2513804
1,4-Dichlorobenzene	ND		10.0	1	05/13/2025 21:49	WG2513804
3,3-Dichlorobenzidine	ND	J3 J6	10.0	1	05/13/2025 21:49	WG2513804
2,4-Dinitrotoluene	ND	J3	10.0	1	05/13/2025 21:49	WG2513804
2,6-Dinitrotoluene	ND	J3	10.0	1	05/13/2025 21:49	WG2513804
Fluoranthene	ND	J3	1.00	1	05/13/2025 21:49	WG2513804
Fluorene	ND	J3	1.00	1	05/13/2025 21:49	WG2513804
Hexachlorobenzene	ND	J3	1.00	1	05/13/2025 21:49	WG2513804
Hexachloro-1,3-butadiene	ND	J3	10.0	1	05/13/2025 21:49	WG2513804
Hexachlorocyclopentadiene	ND	J3	10.0	1	05/13/2025 21:49	WG2513804
Hexachloroethane	ND		10.0	1	05/13/2025 21:49	WG2513804
Indeno(1,2,3-cd)pyrene	ND		1.00	1	05/13/2025 21:49	WG2513804
Isophorone	ND	J3	10.0	1	05/13/2025 21:49	WG2513804
1-Methylnaphthalene	ND		1.00	1	05/13/2025 21:49	WG2513804
2-Methylnaphthalene	ND		1.00	1	05/13/2025 21:49	WG2513804
Naphthalene	ND		1.00	1	05/13/2025 21:49	WG2513804
Nitrobenzene	ND		10.0	1	05/13/2025 21:49	WG2513804
n-Nitrosodimethylamine	ND		10.0	1	05/13/2025 21:49	WG2513804
n-Nitrosodiphenylamine	ND	J3	10.0	1	05/13/2025 21:49	WG2513804
n-Nitrosodi-n-propylamine	ND		10.0	1	05/13/2025 21:49	WG2513804
Phenanthrene	ND	J3	1.00	1	05/13/2025 21:49	WG2513804
Benzylbutyl phthalate	ND	J3	3.00	1	05/13/2025 21:49	WG2513804
Bis(2-ethylhexyl)phthalate	ND		3.00	1	05/13/2025 21:49	WG2513804
Di-n-butyl phthalate	ND	J3	3.00	1	05/13/2025 21:49	WG2513804
Diethyl phthalate	ND	J3	3.00	1	05/13/2025 21:49	WG2513804
Dimethyl phthalate	ND	J3	3.00	1	05/13/2025 21:49	WG2513804
Di-n-octyl phthalate	ND		3.00	1	05/13/2025 21:49	WG2513804
Pyrene	ND	J3	1.00	1	05/13/2025 21:49	WG2513804
1,2,4-Trichlorobenzene	ND		10.0	1	05/13/2025 21:49	WG2513804
4-Chloro-3-methylphenol	ND	J3	10.0	1	05/13/2025 21:49	WG2513804
2-Chlorophenol	ND	J3	10.0	1	05/13/2025 21:49	WG2513804
2,4-Dichlorophenol	ND	J3	10.0	1	05/13/2025 21:49	WG2513804
2,4-Dimethylphenol	ND	J3	10.0	1	05/13/2025 21:49	WG2513804
4,6-Dinitro-2-methylphenol	ND		10.0	1	05/13/2025 21:49	WG2513804
2,4-Dinitrophenol	ND		10.0	1	05/13/2025 21:49	WG2513804
2-Nitrophenol	ND	J3	10.0	1	05/13/2025 21:49	WG2513804
4-Nitrophenol	ND		10.0	1	05/13/2025 21:49	WG2513804
Pentachlorophenol	ND		10.0	1	05/13/2025 21:49	WG2513804
Phenol	ND		10.0	1	05/13/2025 21:49	WG2513804
2,4,6-Trichlorophenol	ND	J3	10.0	1	05/13/2025 21:49	WG2513804
(S) 2-Fluorophenol	*44.0*		*10.0-120*		*05/13/2025 21:49*	WG2513804
(S) Phenol-d5	*30.6*		*10.0-120*		*05/13/2025 21:49*	WG2513804
(S) Nitrobenzene-d5	*78.8*		*10.0-127*		*05/13/2025 21:49*	WG2513804
(S) 2-Fluorobiphenyl	*63.0*		*10.0-130*		*05/13/2025 21:49*	WG2513804
(S) 2,4,6-Tribromophenol	*54.6*		*10.0-155*		*05/13/2025 21:49*	WG2513804
(S) p-Terphenyl-d14	*47.4*		*10.0-128*		*05/13/2025 21:49*	WG2513804

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/13/2025 19:03	WG2513854
Acrolein	ND		50.0	1	05/13/2025 19:03	WG2513854
Acrylonitrile	ND		10.0	1	05/13/2025 19:03	WG2513854
Benzene	ND		1.00	1	05/13/2025 19:03	WG2513854
Bromobenzene	ND		1.00	1	05/13/2025 19:03	WG2513854
Bromodichloromethane	ND		1.00	1	05/13/2025 19:03	WG2513854
Bromoform	ND		1.00	1	05/13/2025 19:03	WG2513854
Bromomethane	ND	J4	5.00	1	05/13/2025 19:03	WG2513854
n-Butylbenzene	ND		1.00	1	05/13/2025 19:03	WG2513854
sec-Butylbenzene	ND		1.00	1	05/13/2025 19:03	WG2513854
tert-Butylbenzene	ND		1.00	1	05/13/2025 19:03	WG2513854
Carbon tetrachloride	ND		1.00	1	05/13/2025 19:03	WG2513854
Chlorobenzene	ND		1.00	1	05/13/2025 19:03	WG2513854
Chlorodibromomethane	ND		1.00	1	05/13/2025 19:03	WG2513854
Chloroethane	ND		5.00	1	05/13/2025 19:03	WG2513854
Chloroform	ND		5.00	1	05/13/2025 19:03	WG2513854
Chloromethane	ND		2.50	1	05/13/2025 19:03	WG2513854
2-Chlorotoluene	ND		1.00	1	05/13/2025 19:03	WG2513854
4-Chlorotoluene	ND		1.00	1	05/13/2025 19:03	WG2513854
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/13/2025 19:03	WG2513854
1,2-Dibromoethane	ND		1.00	1	05/13/2025 19:03	WG2513854
Dibromomethane	ND		1.00	1	05/13/2025 19:03	WG2513854
1,2-Dichlorobenzene	ND		1.00	1	05/13/2025 19:03	WG2513854
1,3-Dichlorobenzene	ND		1.00	1	05/13/2025 19:03	WG2513854
1,4-Dichlorobenzene	ND		1.00	1	05/13/2025 19:03	WG2513854
Dichlorodifluoromethane	ND	C3	5.00	1	05/13/2025 19:03	WG2513854
1,1-Dichloroethane	ND		1.00	1	05/13/2025 19:03	WG2513854
1,2-Dichloroethane	ND		1.00	1	05/13/2025 19:03	WG2513854
1,1-Dichloroethene	ND		1.00	1	05/13/2025 19:03	WG2513854
cis-1,2-Dichloroethene	ND		1.00	1	05/13/2025 19:03	WG2513854
trans-1,2-Dichloroethene	ND		1.00	1	05/13/2025 19:03	WG2513854
1,2-Dichloropropane	ND		1.00	1	05/13/2025 19:03	WG2513854
1,1-Dichloropropene	ND		1.00	1	05/13/2025 19:03	WG2513854
1,3-Dichloropropane	ND		1.00	1	05/13/2025 19:03	WG2513854
cis-1,3-Dichloropropene	ND		1.00	1	05/13/2025 19:03	WG2513854
trans-1,3-Dichloropropene	ND		1.00	1	05/13/2025 19:03	WG2513854
2,2-Dichloropropane	ND		1.00	1	05/13/2025 19:03	WG2513854
Di-isopropyl ether	ND		1.00	1	05/13/2025 19:03	WG2513854
Ethylbenzene	ND		1.00	1	05/13/2025 19:03	WG2513854
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2025 19:03	WG2513854
Isopropylbenzene	ND		1.00	1	05/13/2025 19:03	WG2513854
p-Isopropyltoluene	ND		1.00	1	05/13/2025 19:03	WG2513854
2-Butanone (MEK)	ND		10.0	1	05/13/2025 19:03	WG2513854
Methylene Chloride	ND		5.00	1	05/13/2025 19:03	WG2513854
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/13/2025 19:03	WG2513854
Methyl tert-butyl ether	ND		1.00	1	05/13/2025 19:03	WG2513854
Naphthalene	ND	C3	5.00	1	05/13/2025 19:03	WG2513854
n-Propylbenzene	ND		1.00	1	05/13/2025 19:03	WG2513854
Styrene	ND		1.00	1	05/13/2025 19:03	WG2513854
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/13/2025 19:03	WG2513854
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/13/2025 19:03	WG2513854
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/13/2025 19:03	WG2513854
Tetrachloroethene	ND		1.00	1	05/13/2025 19:03	WG2513854
Toluene	ND		1.00	1	05/13/2025 19:03	WG2513854
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/13/2025 19:03	WG2513854
1,2,4-Trichlorobenzene	ND	C3	1.00	1	05/13/2025 19:03	WG2513854

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	05/13/2025 19:03	WG2513854
1,1,2-Trichloroethane	ND		1.00	1	05/13/2025 19:03	WG2513854
Trichloroethene	ND		1.00	1	05/13/2025 19:03	WG2513854
Trichlorofluoromethane	ND		5.00	1	05/13/2025 19:03	WG2513854
1,2,3-Trichloropropane	ND		2.50	1	05/13/2025 19:03	WG2513854
1,2,4-Trimethylbenzene	ND		1.00	1	05/13/2025 19:03	WG2513854
1,2,3-Trimethylbenzene	ND		1.00	1	05/13/2025 19:03	WG2513854
1,3,5-Trimethylbenzene	ND		1.00	1	05/13/2025 19:03	WG2513854
Vinyl chloride	ND		1.00	1	05/13/2025 19:03	WG2513854
Xylenes, Total	ND		3.00	1	05/13/2025 19:03	WG2513854
(S) Toluene-d8	*108*		*80.0-120*		*05/13/2025 19:03*	WG2513854
(S) 4-Bromofluorobenzene	*94.0*		*77.0-126*		*05/13/2025 19:03*	WG2513854
(S) 1,2-Dichloroethane-d4	*99.1*		*70.0-130*		*05/13/2025 19:03*	WG2513854

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/13/2025 19:24	WG2513854
Acrolein	ND		50.0	1	05/13/2025 19:24	WG2513854
Acrylonitrile	ND		10.0	1	05/13/2025 19:24	WG2513854
Benzene	ND		1.00	1	05/13/2025 19:24	WG2513854
Bromobenzene	ND		1.00	1	05/13/2025 19:24	WG2513854
Bromodichloromethane	ND		1.00	1	05/13/2025 19:24	WG2513854
Bromoform	ND		1.00	1	05/13/2025 19:24	WG2513854
Bromomethane	ND	J4	5.00	1	05/13/2025 19:24	WG2513854
n-Butylbenzene	ND		1.00	1	05/13/2025 19:24	WG2513854
sec-Butylbenzene	ND		1.00	1	05/13/2025 19:24	WG2513854
tert-Butylbenzene	ND		1.00	1	05/13/2025 19:24	WG2513854
Carbon tetrachloride	ND		1.00	1	05/13/2025 19:24	WG2513854
Chlorobenzene	ND		1.00	1	05/13/2025 19:24	WG2513854
Chlorodibromomethane	ND		1.00	1	05/13/2025 19:24	WG2513854
Chloroethane	ND		5.00	1	05/13/2025 19:24	WG2513854
Chloroform	ND		5.00	1	05/13/2025 19:24	WG2513854
Chloromethane	ND		2.50	1	05/13/2025 19:24	WG2513854
2-Chlorotoluene	ND		1.00	1	05/13/2025 19:24	WG2513854
4-Chlorotoluene	ND		1.00	1	05/13/2025 19:24	WG2513854
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/13/2025 19:24	WG2513854
1,2-Dibromoethane	ND		1.00	1	05/13/2025 19:24	WG2513854
Dibromomethane	ND		1.00	1	05/13/2025 19:24	WG2513854
1,2-Dichlorobenzene	ND		1.00	1	05/13/2025 19:24	WG2513854
1,3-Dichlorobenzene	ND		1.00	1	05/13/2025 19:24	WG2513854
1,4-Dichlorobenzene	ND		1.00	1	05/13/2025 19:24	WG2513854
Dichlorodifluoromethane	ND	C3	5.00	1	05/13/2025 19:24	WG2513854
1,1-Dichloroethane	ND		1.00	1	05/13/2025 19:24	WG2513854
1,2-Dichloroethane	ND		1.00	1	05/13/2025 19:24	WG2513854
1,1-Dichloroethene	ND		1.00	1	05/13/2025 19:24	WG2513854
cis-1,2-Dichloroethene	ND		1.00	1	05/13/2025 19:24	WG2513854
trans-1,2-Dichloroethene	ND		1.00	1	05/13/2025 19:24	WG2513854
1,2-Dichloropropane	ND		1.00	1	05/13/2025 19:24	WG2513854
1,1-Dichloropropene	ND		1.00	1	05/13/2025 19:24	WG2513854
1,3-Dichloropropane	ND		1.00	1	05/13/2025 19:24	WG2513854
cis-1,3-Dichloropropene	ND		1.00	1	05/13/2025 19:24	WG2513854
trans-1,3-Dichloropropene	ND		1.00	1	05/13/2025 19:24	WG2513854
2,2-Dichloropropane	ND		1.00	1	05/13/2025 19:24	WG2513854
Di-isopropyl ether	ND		1.00	1	05/13/2025 19:24	WG2513854
Ethylbenzene	ND		1.00	1	05/13/2025 19:24	WG2513854
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2025 19:24	WG2513854
Isopropylbenzene	ND		1.00	1	05/13/2025 19:24	WG2513854
p-Isopropyltoluene	ND		1.00	1	05/13/2025 19:24	WG2513854
2-Butanone (MEK)	ND		10.0	1	05/13/2025 19:24	WG2513854
Methylene Chloride	ND		5.00	1	05/13/2025 19:24	WG2513854
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/13/2025 19:24	WG2513854
Methyl tert-butyl ether	ND		1.00	1	05/13/2025 19:24	WG2513854
Naphthalene	ND	C3	5.00	1	05/13/2025 19:24	WG2513854
n-Propylbenzene	ND		1.00	1	05/13/2025 19:24	WG2513854
Styrene	ND		1.00	1	05/13/2025 19:24	WG2513854
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/13/2025 19:24	WG2513854
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/13/2025 19:24	WG2513854
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/13/2025 19:24	WG2513854
Tetrachloroethene	ND		1.00	1	05/13/2025 19:24	WG2513854
Toluene	ND		1.00	1	05/13/2025 19:24	WG2513854
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/13/2025 19:24	WG2513854
1,2,4-Trichlorobenzene	ND	C3	1.00	1	05/13/2025 19:24	WG2513854

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	05/13/2025 19:24	WG2513854
1,1,2-Trichloroethane	ND		1.00	1	05/13/2025 19:24	WG2513854
Trichloroethene	ND		1.00	1	05/13/2025 19:24	WG2513854
Trichlorofluoromethane	ND		5.00	1	05/13/2025 19:24	WG2513854
1,2,3-Trichloropropane	ND		2.50	1	05/13/2025 19:24	WG2513854
1,2,4-Trimethylbenzene	ND		1.00	1	05/13/2025 19:24	WG2513854
1,2,3-Trimethylbenzene	ND		1.00	1	05/13/2025 19:24	WG2513854
1,3,5-Trimethylbenzene	ND		1.00	1	05/13/2025 19:24	WG2513854
Vinyl chloride	ND		1.00	1	05/13/2025 19:24	WG2513854
Xylenes, Total	ND		3.00	1	05/13/2025 19:24	WG2513854
(S) Toluene-d8	*110*		*80.0-120*		*05/13/2025 19:24*	WG2513854
(S) 4-Bromofluorobenzene	*95.6*		*77.0-126*		*05/13/2025 19:24*	WG2513854
(S) 1,2-Dichloroethane-d4	*99.2*		*70.0-130*		*05/13/2025 19:24*	WG2513854

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/13/2025 18:22	WG2513854
Acrolein	ND		50.0	1	05/13/2025 18:22	WG2513854
Acrylonitrile	ND		10.0	1	05/13/2025 18:22	WG2513854
Benzene	ND		1.00	1	05/13/2025 18:22	WG2513854
Bromobenzene	ND		1.00	1	05/13/2025 18:22	WG2513854
Bromodichloromethane	ND		1.00	1	05/13/2025 18:22	WG2513854
Bromoform	ND		1.00	1	05/13/2025 18:22	WG2513854
Bromomethane	ND	J4	5.00	1	05/13/2025 18:22	WG2513854
n-Butylbenzene	ND		1.00	1	05/13/2025 18:22	WG2513854
sec-Butylbenzene	ND		1.00	1	05/13/2025 18:22	WG2513854
tert-Butylbenzene	ND		1.00	1	05/13/2025 18:22	WG2513854
Carbon tetrachloride	ND		1.00	1	05/13/2025 18:22	WG2513854
Chlorobenzene	ND		1.00	1	05/13/2025 18:22	WG2513854
Chlorodibromomethane	ND		1.00	1	05/13/2025 18:22	WG2513854
Chloroethane	ND		5.00	1	05/13/2025 18:22	WG2513854
Chloroform	ND		5.00	1	05/13/2025 18:22	WG2513854
Chloromethane	ND		2.50	1	05/13/2025 18:22	WG2513854
2-Chlorotoluene	ND		1.00	1	05/13/2025 18:22	WG2513854
4-Chlorotoluene	ND		1.00	1	05/13/2025 18:22	WG2513854
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/13/2025 18:22	WG2513854
1,2-Dibromoethane	ND		1.00	1	05/13/2025 18:22	WG2513854
Dibromomethane	ND		1.00	1	05/13/2025 18:22	WG2513854
1,2-Dichlorobenzene	ND		1.00	1	05/13/2025 18:22	WG2513854
1,3-Dichlorobenzene	ND		1.00	1	05/13/2025 18:22	WG2513854
1,4-Dichlorobenzene	ND		1.00	1	05/13/2025 18:22	WG2513854
Dichlorodifluoromethane	ND	C3	5.00	1	05/13/2025 18:22	WG2513854
1,1-Dichloroethane	ND		1.00	1	05/13/2025 18:22	WG2513854
1,2-Dichloroethane	ND		1.00	1	05/13/2025 18:22	WG2513854
1,1-Dichloroethene	ND		1.00	1	05/13/2025 18:22	WG2513854
cis-1,2-Dichloroethene	ND		1.00	1	05/13/2025 18:22	WG2513854
trans-1,2-Dichloroethene	ND		1.00	1	05/13/2025 18:22	WG2513854
1,2-Dichloropropane	ND		1.00	1	05/13/2025 18:22	WG2513854
1,1-Dichloropropene	ND		1.00	1	05/13/2025 18:22	WG2513854
1,3-Dichloropropane	ND		1.00	1	05/13/2025 18:22	WG2513854
cis-1,3-Dichloropropene	ND		1.00	1	05/13/2025 18:22	WG2513854
trans-1,3-Dichloropropene	ND		1.00	1	05/13/2025 18:22	WG2513854
2,2-Dichloropropane	ND		1.00	1	05/13/2025 18:22	WG2513854
Di-isopropyl ether	ND		1.00	1	05/13/2025 18:22	WG2513854
Ethylbenzene	ND		1.00	1	05/13/2025 18:22	WG2513854
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2025 18:22	WG2513854
Isopropylbenzene	ND		1.00	1	05/13/2025 18:22	WG2513854
p-Isopropyltoluene	ND		1.00	1	05/13/2025 18:22	WG2513854
2-Butanone (MEK)	ND		10.0	1	05/13/2025 18:22	WG2513854
Methylene Chloride	ND		5.00	1	05/13/2025 18:22	WG2513854
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/13/2025 18:22	WG2513854
Methyl tert-butyl ether	ND		1.00	1	05/13/2025 18:22	WG2513854
Naphthalene	ND	C3	5.00	1	05/13/2025 18:22	WG2513854
n-Propylbenzene	ND		1.00	1	05/13/2025 18:22	WG2513854
Styrene	ND		1.00	1	05/13/2025 18:22	WG2513854
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/13/2025 18:22	WG2513854
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/13/2025 18:22	WG2513854
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/13/2025 18:22	WG2513854
Tetrachloroethene	ND		1.00	1	05/13/2025 18:22	WG2513854
Toluene	ND		1.00	1	05/13/2025 18:22	WG2513854
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/13/2025 18:22	WG2513854
1,2,4-Trichlorobenzene	ND	C3	1.00	1	05/13/2025 18:22	WG2513854

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	05/13/2025 18:22	WG2513854
1,1,2-Trichloroethane	ND		1.00	1	05/13/2025 18:22	WG2513854
Trichloroethene	ND		1.00	1	05/13/2025 18:22	WG2513854
Trichlorofluoromethane	ND		5.00	1	05/13/2025 18:22	WG2513854
1,2,3-Trichloropropane	ND		2.50	1	05/13/2025 18:22	WG2513854
1,2,4-Trimethylbenzene	ND		1.00	1	05/13/2025 18:22	WG2513854
1,2,3-Trimethylbenzene	ND		1.00	1	05/13/2025 18:22	WG2513854
1,3,5-Trimethylbenzene	ND		1.00	1	05/13/2025 18:22	WG2513854
Vinyl chloride	ND		1.00	1	05/13/2025 18:22	WG2513854
Xylenes, Total	ND		3.00	1	05/13/2025 18:22	WG2513854
(S) Toluene-d8	*110*		*80.0-120*		*05/13/2025 18:22*	WG2513854
(S) 4-Bromofluorobenzene	*96.2*		*77.0-126*		*05/13/2025 18:22*	WG2513854
(S) 1,2-Dichloroethane-d4	*99.3*		*70.0-130*		*05/13/2025 18:22*	WG2513854

Calculated Results

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Total Nitrogen	5530		250	1	05/14/2025 16:02	WG2513932

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Dissolved Solids	2930000		50000	1	05/13/2025 21:52	WG2513941

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Suspended Solids	6600		5000	1	05/13/2025 15:10	WG2513799

Wet Chemistry by Method 130.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Hardness (colorimetric) as CaCO3	1420000		150000	5	05/14/2025 13:32	WG2514015

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	392000		20000	1	05/13/2025 14:57	WG2513952

Sample Narrative:

L1858014-05 WG2513952: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Bromide	ND		5000	5	05/13/2025 16:45	WG2513712
Chloride	110000		5000	5	05/13/2025 16:45	WG2513712
Fluoride	1250		750	5	05/13/2025 16:45	WG2513712
Nitrate as (N)	3480		500	5	05/13/2025 16:45	WG2513712
Nitrite as (N)	ND		500	5	05/13/2025 16:45	WG2513712
Sulfate	1530000		250000	50	05/13/2025 16:58	WG2513712

Sample Narrative:

L1858014-05 WG2513712: Dilution due to matrix impact on instrumentation at lower dilution

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Ammonia Nitrogen	ND		100	1	05/13/2025 15:46	WG2513792

Wet Chemistry by Method 351.2

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Kjeldahl Nitrogen, TKN	1640		250	1	05/14/2025 16:02	WG2513932

Wet Chemistry by Method 365.4

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Phosphorus,Total	150		100	1	05/14/2025 16:01	WG2515004

Wet Chemistry by Method 5310 B-2014

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	11800		1000	1	05/13/2025 17:01	WG2513836

Wet Chemistry by Method 5540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
MBAS	ND		100	1	05/13/2025 16:03	WG2513929

Wet Chemistry by Method 7199

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	05/14/2025 01:56	WG2513895

Wet Chemistry by Method 9040C

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.07	T8	1	05/13/2025 14:27	WG2513600

Sample Narrative:

L1858014-05 WG2513600: 8.07 at 21C

Mercury by Method 7470A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	05/13/2025 18:46	WG2513837

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Aluminum	110		100	1	05/13/2025 19:27	WG2513902
Aluminum,Dissolved	ND		100	1	05/13/2025 16:55	WG2513898
Antimony	ND		4.00	1	05/13/2025 19:27	WG2513902
Arsenic	2.12		2.00	1	05/13/2025 19:27	WG2513902
Arsenic,Dissolved	2.15		2.00	1	05/13/2025 16:55	WG2513898
Barium	28.8		2.00	1	05/13/2025 19:27	WG2513902
Beryllium	ND		2.00	1	05/13/2025 20:06	WG2513902
Boron	510		150	5	05/13/2025 22:32	WG2513902
Cadmium	ND		1.00	1	05/13/2025 19:27	WG2513902
Cadmium,Dissolved	ND		1.00	1	05/13/2025 16:55	WG2513898
Calcium	263000		1000	1	05/13/2025 19:27	WG2513902
Chromium	ND		2.00	1	05/13/2025 19:27	WG2513902
Chromium,Dissolved	ND		2.00	1	05/13/2025 16:55	WG2513898
Copper	ND		5.00	1	05/13/2025 19:27	WG2513902
Copper,Dissolved	ND		5.00	1	05/13/2025 16:55	WG2513898
Cobalt	ND		2.00	1	05/13/2025 19:27	WG2513902
Iron	123		100	1	05/13/2025 19:27	WG2513902
Lead	ND		2.00	1	05/13/2025 19:27	WG2513902
Lead,Dissolved	ND		2.00	1	05/13/2025 16:55	WG2513898
Magnesium	176000		1000	1	05/13/2025 19:27	WG2513902
Manganese	813		5.00	1	05/13/2025 19:27	WG2513902
Manganese,Dissolved	1080		5.00	1	05/13/2025 16:55	WG2513898
Nickel	3.35		2.00	1	05/13/2025 19:27	WG2513902
Nickel,Dissolved	4.61		2.00	1	05/13/2025 16:55	WG2513898
Potassium	11000		2000	1	05/13/2025 19:27	WG2513902
Selenium	8.57		2.00	1	05/13/2025 19:27	WG2513902

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Selenium,Dissolved	7.15		2.00	1	05/13/2025 16:55	WG2513898
Silver	ND		2.00	1	05/13/2025 19:27	WG2513902
Silver,Dissolved	ND		2.00	1	05/13/2025 16:55	WG2513898
Sodium	336000		2000	1	05/13/2025 19:27	WG2513902
Thallium	ND		2.00	1	05/13/2025 19:27	WG2513902
Vanadium	ND		5.00	1	05/13/2025 19:27	WG2513902
Zinc	ND		25.0	1	05/13/2025 19:27	WG2513902
Zinc,Dissolved	ND		25.0	1	05/13/2025 16:55	WG2513898

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		100	1	05/13/2025 14:51	WG2513915
(S) a,a,a-Trifluorotoluene(FID)	*102*		*78.0-120*		*05/13/2025 14:51*	WG2513915

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/13/2025 19:44	WG2513854
Acrolein	ND		50.0	1	05/13/2025 19:44	WG2513854
Acrylonitrile	ND		10.0	1	05/13/2025 19:44	WG2513854
Benzene	ND		1.00	1	05/13/2025 19:44	WG2513854
Bromobenzene	ND		1.00	1	05/13/2025 19:44	WG2513854
Bromodichloromethane	ND		1.00	1	05/13/2025 19:44	WG2513854
Bromoform	ND		1.00	1	05/13/2025 19:44	WG2513854
Bromomethane	ND	J4	5.00	1	05/13/2025 19:44	WG2513854
n-Butylbenzene	ND		1.00	1	05/13/2025 19:44	WG2513854
sec-Butylbenzene	ND		1.00	1	05/13/2025 19:44	WG2513854
tert-Butylbenzene	ND		1.00	1	05/13/2025 19:44	WG2513854
Carbon tetrachloride	ND		1.00	1	05/13/2025 19:44	WG2513854
Chlorobenzene	ND		1.00	1	05/13/2025 19:44	WG2513854
Chlorodibromomethane	ND		1.00	1	05/13/2025 19:44	WG2513854
Chloroethane	ND		5.00	1	05/13/2025 19:44	WG2513854
Chloroform	ND		5.00	1	05/13/2025 19:44	WG2513854
Chloromethane	ND		2.50	1	05/13/2025 19:44	WG2513854
2-Chlorotoluene	ND		1.00	1	05/13/2025 19:44	WG2513854
4-Chlorotoluene	ND		1.00	1	05/13/2025 19:44	WG2513854
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/13/2025 19:44	WG2513854
1,2-Dibromoethane	ND		1.00	1	05/13/2025 19:44	WG2513854
Dibromomethane	ND		1.00	1	05/13/2025 19:44	WG2513854
1,2-Dichlorobenzene	ND		1.00	1	05/13/2025 19:44	WG2513854
1,3-Dichlorobenzene	ND		1.00	1	05/13/2025 19:44	WG2513854
1,4-Dichlorobenzene	ND		1.00	1	05/13/2025 19:44	WG2513854
Dichlorodifluoromethane	ND	C3	5.00	1	05/13/2025 19:44	WG2513854
1,1-Dichloroethane	ND		1.00	1	05/13/2025 19:44	WG2513854
1,2-Dichloroethane	ND		1.00	1	05/13/2025 19:44	WG2513854
1,1-Dichloroethene	ND		1.00	1	05/13/2025 19:44	WG2513854
cis-1,2-Dichloroethene	ND		1.00	1	05/13/2025 19:44	WG2513854
trans-1,2-Dichloroethene	ND		1.00	1	05/13/2025 19:44	WG2513854
1,2-Dichloropropane	ND		1.00	1	05/13/2025 19:44	WG2513854
1,1-Dichloropropene	ND		1.00	1	05/13/2025 19:44	WG2513854
1,3-Dichloropropane	ND		1.00	1	05/13/2025 19:44	WG2513854
cis-1,3-Dichloropropene	ND		1.00	1	05/13/2025 19:44	WG2513854
trans-1,3-Dichloropropene	ND		1.00	1	05/13/2025 19:44	WG2513854
2,2-Dichloropropane	ND		1.00	1	05/13/2025 19:44	WG2513854

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Di-isopropyl ether	ND		1.00	1	05/13/2025 19:44	WG2513854
Ethylbenzene	ND		1.00	1	05/13/2025 19:44	WG2513854
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2025 19:44	WG2513854
Isopropylbenzene	ND		1.00	1	05/13/2025 19:44	WG2513854
p-Isopropyltoluene	ND		1.00	1	05/13/2025 19:44	WG2513854
2-Butanone (MEK)	ND		10.0	1	05/13/2025 19:44	WG2513854
Methylene Chloride	ND		5.00	1	05/13/2025 19:44	WG2513854
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/13/2025 19:44	WG2513854
Methyl tert-butyl ether	ND		1.00	1	05/13/2025 19:44	WG2513854
Naphthalene	ND	C3	5.00	1	05/13/2025 19:44	WG2513854
n-Propylbenzene	ND		1.00	1	05/13/2025 19:44	WG2513854
Styrene	ND		1.00	1	05/13/2025 19:44	WG2513854
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/13/2025 19:44	WG2513854
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/13/2025 19:44	WG2513854
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/13/2025 19:44	WG2513854
Tetrachloroethene	ND		1.00	1	05/13/2025 19:44	WG2513854
Toluene	ND		1.00	1	05/13/2025 19:44	WG2513854
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/13/2025 19:44	WG2513854
1,2,4-Trichlorobenzene	ND	C3	1.00	1	05/13/2025 19:44	WG2513854
1,1,1-Trichloroethane	ND		1.00	1	05/13/2025 19:44	WG2513854
1,1,2-Trichloroethane	ND		1.00	1	05/13/2025 19:44	WG2513854
Trichloroethene	ND		1.00	1	05/13/2025 19:44	WG2513854
Trichlorofluoromethane	ND		5.00	1	05/13/2025 19:44	WG2513854
1,2,3-Trichloropropane	ND		2.50	1	05/13/2025 19:44	WG2513854
1,2,4-Trimethylbenzene	ND		1.00	1	05/13/2025 19:44	WG2513854
1,2,3-Trimethylbenzene	ND		1.00	1	05/13/2025 19:44	WG2513854
1,3,5-Trimethylbenzene	ND		1.00	1	05/13/2025 19:44	WG2513854
Vinyl chloride	ND		1.00	1	05/13/2025 19:44	WG2513854
Xylenes, Total	ND		3.00	1	05/13/2025 19:44	WG2513854
(S) Toluene-d8	*110*		*80.0-120*		*05/13/2025 19:44*	WG2513854
(S) 4-Bromofluorobenzene	*95.9*		*77.0-126*		*05/13/2025 19:44*	WG2513854
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*05/13/2025 19:44*	WG2513854

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		100	1	05/13/2025 20:26	WG2513812
C28-C36 Motor Oil Range	294		100	1	05/13/2025 20:26	WG2513812
(S) o-Terphenyl	*108*		*52.0-156*		*05/13/2025 20:26*	WG2513812

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acenaphthene	ND		1.00	1	05/13/2025 22:54	WG2513804
Acenaphthylene	ND		1.00	1	05/13/2025 22:54	WG2513804
Anthracene	ND		1.00	1	05/13/2025 22:54	WG2513804
Benzidine	ND	J4	10.0	1	05/13/2025 22:54	WG2513804
Benzo(a)anthracene	ND		1.00	1	05/13/2025 22:54	WG2513804
Benzo(b)fluoranthene	ND		1.00	1	05/13/2025 22:54	WG2513804
Benzo(k)fluoranthene	ND		1.00	1	05/13/2025 22:54	WG2513804
Benzo(g,h,i)perylene	ND		1.00	1	05/13/2025 22:54	WG2513804
Benzo(a)pyrene	ND		1.00	1	05/13/2025 22:54	WG2513804
Bis(2-chlorethoxy)methane	ND		10.0	1	05/13/2025 22:54	WG2513804
Bis(2-chloroethyl)ether	ND		10.0	1	05/13/2025 22:54	WG2513804
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	05/13/2025 22:54	WG2513804

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
4-Bromophenyl-phenylether	ND		10.0	1	05/13/2025 22:54	WG2513804
2-Chloronaphthalene	ND		1.00	1	05/13/2025 22:54	WG2513804
4-Chlorophenyl-phenylether	ND		10.0	1	05/13/2025 22:54	WG2513804
Chrysene	ND		1.00	1	05/13/2025 22:54	WG2513804
Dibenz(a,h)anthracene	ND		1.00	1	05/13/2025 22:54	WG2513804
1,2-Dichlorobenzene	ND		10.0	1	05/13/2025 22:54	WG2513804
1,3-Dichlorobenzene	ND		10.0	1	05/13/2025 22:54	WG2513804
1,4-Dichlorobenzene	ND		10.0	1	05/13/2025 22:54	WG2513804
3,3-Dichlorobenzidine	ND		10.0	1	05/13/2025 22:54	WG2513804
2,4-Dinitrotoluene	ND		10.0	1	05/13/2025 22:54	WG2513804
2,6-Dinitrotoluene	ND		10.0	1	05/13/2025 22:54	WG2513804
Fluoranthene	ND		1.00	1	05/13/2025 22:54	WG2513804
Fluorene	ND		1.00	1	05/13/2025 22:54	WG2513804
Hexachlorobenzene	ND		1.00	1	05/13/2025 22:54	WG2513804
Hexachloro-1,3-butadiene	ND		10.0	1	05/13/2025 22:54	WG2513804
Hexachlorocyclopentadiene	ND		10.0	1	05/13/2025 22:54	WG2513804
Hexachloroethane	ND		10.0	1	05/13/2025 22:54	WG2513804
Indeno(1,2,3-cd)pyrene	ND		1.00	1	05/13/2025 22:54	WG2513804
Isophorone	ND		10.0	1	05/13/2025 22:54	WG2513804
1-Methylnaphthalene	ND		1.00	1	05/13/2025 22:54	WG2513804
2-Methylnaphthalene	ND		1.00	1	05/13/2025 22:54	WG2513804
Naphthalene	ND		1.00	1	05/13/2025 22:54	WG2513804
Nitrobenzene	ND		10.0	1	05/13/2025 22:54	WG2513804
n-Nitrosodimethylamine	ND		10.0	1	05/13/2025 22:54	WG2513804
n-Nitrosodiphenylamine	ND		10.0	1	05/13/2025 22:54	WG2513804
n-Nitrosodi-n-propylamine	ND		10.0	1	05/13/2025 22:54	WG2513804
Phenanthrene	ND		1.00	1	05/13/2025 22:54	WG2513804
Benzylbutyl phthalate	ND		3.00	1	05/13/2025 22:54	WG2513804
Bis(2-ethylhexyl)phthalate	ND		3.00	1	05/13/2025 22:54	WG2513804
Di-n-butyl phthalate	ND		3.00	1	05/13/2025 22:54	WG2513804
Diethyl phthalate	ND		3.00	1	05/13/2025 22:54	WG2513804
Dimethyl phthalate	ND		3.00	1	05/13/2025 22:54	WG2513804
Di-n-octyl phthalate	ND		3.00	1	05/13/2025 22:54	WG2513804
Pyrene	ND		1.00	1	05/13/2025 22:54	WG2513804
1,2,4-Trichlorobenzene	ND		10.0	1	05/13/2025 22:54	WG2513804
4-Chloro-3-methylphenol	ND		10.0	1	05/13/2025 22:54	WG2513804
2-Chlorophenol	ND		10.0	1	05/13/2025 22:54	WG2513804
2,4-Dichlorophenol	ND		10.0	1	05/13/2025 22:54	WG2513804
2,4-Dimethylphenol	ND		10.0	1	05/13/2025 22:54	WG2513804
4,6-Dinitro-2-methylphenol	ND		10.0	1	05/13/2025 22:54	WG2513804
2,4-Dinitrophenol	ND		10.0	1	05/13/2025 22:54	WG2513804
2-Nitrophenol	ND		10.0	1	05/13/2025 22:54	WG2513804
4-Nitrophenol	ND		10.0	1	05/13/2025 22:54	WG2513804
Pentachlorophenol	ND		10.0	1	05/13/2025 22:54	WG2513804
Phenol	ND		10.0	1	05/13/2025 22:54	WG2513804
2,4,6-Trichlorophenol	ND		10.0	1	05/13/2025 22:54	WG2513804
(S) 2-Fluorophenol	*44.2*		*10.0-120*		*05/13/2025 22:54*	WG2513804
(S) Phenol-d5	*29.3*		*10.0-120*		*05/13/2025 22:54*	WG2513804
(S) Nitrobenzene-d5	*78.7*		*10.0-127*		*05/13/2025 22:54*	WG2513804
(S) 2-Fluorobiphenyl	*61.9*		*10.0-130*		*05/13/2025 22:54*	WG2513804
(S) 2,4,6-Tribromophenol	*54.9*		*10.0-155*		*05/13/2025 22:54*	WG2513804
(S) p-Terphenyl-d14	*52.7*		*10.0-128*		*05/13/2025 22:54*	WG2513804

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/13/2025 20:04	WG2513854
Acrolein	ND		50.0	1	05/13/2025 20:04	WG2513854
Acrylonitrile	ND		10.0	1	05/13/2025 20:04	WG2513854
Benzene	ND		1.00	1	05/13/2025 20:04	WG2513854
Bromobenzene	ND		1.00	1	05/13/2025 20:04	WG2513854
Bromodichloromethane	ND		1.00	1	05/13/2025 20:04	WG2513854
Bromoform	ND		1.00	1	05/13/2025 20:04	WG2513854
Bromomethane	ND	J4	5.00	1	05/13/2025 20:04	WG2513854
n-Butylbenzene	ND		1.00	1	05/13/2025 20:04	WG2513854
sec-Butylbenzene	ND		1.00	1	05/13/2025 20:04	WG2513854
tert-Butylbenzene	ND		1.00	1	05/13/2025 20:04	WG2513854
Carbon tetrachloride	ND		1.00	1	05/13/2025 20:04	WG2513854
Chlorobenzene	ND		1.00	1	05/13/2025 20:04	WG2513854
Chlorodibromomethane	ND		1.00	1	05/13/2025 20:04	WG2513854
Chloroethane	ND		5.00	1	05/13/2025 20:04	WG2513854
Chloroform	ND		5.00	1	05/13/2025 20:04	WG2513854
Chloromethane	ND		2.50	1	05/13/2025 20:04	WG2513854
2-Chlorotoluene	ND		1.00	1	05/13/2025 20:04	WG2513854
4-Chlorotoluene	ND		1.00	1	05/13/2025 20:04	WG2513854
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/13/2025 20:04	WG2513854
1,2-Dibromoethane	ND		1.00	1	05/13/2025 20:04	WG2513854
Dibromomethane	ND		1.00	1	05/13/2025 20:04	WG2513854
1,2-Dichlorobenzene	ND		1.00	1	05/13/2025 20:04	WG2513854
1,3-Dichlorobenzene	ND		1.00	1	05/13/2025 20:04	WG2513854
1,4-Dichlorobenzene	ND		1.00	1	05/13/2025 20:04	WG2513854
Dichlorodifluoromethane	ND	C3	5.00	1	05/13/2025 20:04	WG2513854
1,1-Dichloroethane	ND		1.00	1	05/13/2025 20:04	WG2513854
1,2-Dichloroethane	ND		1.00	1	05/13/2025 20:04	WG2513854
1,1-Dichloroethene	ND		1.00	1	05/13/2025 20:04	WG2513854
cis-1,2-Dichloroethene	ND		1.00	1	05/13/2025 20:04	WG2513854
trans-1,2-Dichloroethene	ND		1.00	1	05/13/2025 20:04	WG2513854
1,2-Dichloropropane	ND		1.00	1	05/13/2025 20:04	WG2513854
1,1-Dichloropropene	ND		1.00	1	05/13/2025 20:04	WG2513854
1,3-Dichloropropane	ND		1.00	1	05/13/2025 20:04	WG2513854
cis-1,3-Dichloropropene	ND		1.00	1	05/13/2025 20:04	WG2513854
trans-1,3-Dichloropropene	ND		1.00	1	05/13/2025 20:04	WG2513854
2,2-Dichloropropane	ND		1.00	1	05/13/2025 20:04	WG2513854
Di-isopropyl ether	ND		1.00	1	05/13/2025 20:04	WG2513854
Ethylbenzene	ND		1.00	1	05/13/2025 20:04	WG2513854
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2025 20:04	WG2513854
Isopropylbenzene	ND		1.00	1	05/13/2025 20:04	WG2513854
p-Isopropyltoluene	ND		1.00	1	05/13/2025 20:04	WG2513854
2-Butanone (MEK)	ND		10.0	1	05/13/2025 20:04	WG2513854
Methylene Chloride	ND		5.00	1	05/13/2025 20:04	WG2513854
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/13/2025 20:04	WG2513854
Methyl tert-butyl ether	ND		1.00	1	05/13/2025 20:04	WG2513854
Naphthalene	ND	C3	5.00	1	05/13/2025 20:04	WG2513854
n-Propylbenzene	ND		1.00	1	05/13/2025 20:04	WG2513854
Styrene	ND		1.00	1	05/13/2025 20:04	WG2513854
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/13/2025 20:04	WG2513854
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/13/2025 20:04	WG2513854
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/13/2025 20:04	WG2513854
Tetrachloroethene	ND		1.00	1	05/13/2025 20:04	WG2513854
Toluene	ND		1.00	1	05/13/2025 20:04	WG2513854
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/13/2025 20:04	WG2513854
1,2,4-Trichlorobenzene	ND	C3	1.00	1	05/13/2025 20:04	WG2513854

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	05/13/2025 20:04	WG2513854
1,1,2-Trichloroethane	ND		1.00	1	05/13/2025 20:04	WG2513854
Trichloroethene	ND		1.00	1	05/13/2025 20:04	WG2513854
Trichlorofluoromethane	ND		5.00	1	05/13/2025 20:04	WG2513854
1,2,3-Trichloropropane	ND		2.50	1	05/13/2025 20:04	WG2513854
1,2,4-Trimethylbenzene	ND		1.00	1	05/13/2025 20:04	WG2513854
1,2,3-Trimethylbenzene	ND		1.00	1	05/13/2025 20:04	WG2513854
1,3,5-Trimethylbenzene	ND		1.00	1	05/13/2025 20:04	WG2513854
Vinyl chloride	ND		1.00	1	05/13/2025 20:04	WG2513854
Xylenes, Total	ND		3.00	1	05/13/2025 20:04	WG2513854
(S) Toluene-d8	*107*		*80.0-120*		*05/13/2025 20:04*	WG2513854
(S) 4-Bromofluorobenzene	*93.8*		*77.0-126*		*05/13/2025 20:04*	WG2513854
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*05/13/2025 20:04*	WG2513854

Calculated Results

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Total Nitrogen	4940		250	1	05/14/2025 16:03	WG2513932

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2700000		50000	1	05/13/2025 21:52	WG2513941

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Suspended Solids	20000		3130	1	05/13/2025 15:10	WG2513799

Wet Chemistry by Method 130.1

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hardness (colorimetric) as CaCO3	1440000		150000	5	05/14/2025 13:12	WG2514015

Wet Chemistry by Method 2320 B-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Alkalinity	410000		20000	1	05/13/2025 15:01	WG2513952

Sample Narrative:

L1858014-07 WG2513952: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 300.0

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Bromide	ND		5000	5	05/13/2025 17:15	WG2513712
Chloride	101000		5000	5	05/13/2025 17:15	WG2513712
Fluoride	1210		750	5	05/13/2025 17:15	WG2513712
Nitrate as (N)	3140		500	5	05/13/2025 17:15	WG2513712
Nitrite as (N)	ND		500	5	05/13/2025 17:15	WG2513712
Sulfate	1400000		250000	50	05/13/2025 17:29	WG2513712

Sample Narrative:

L1858014-07 WG2513712: Dilution due to matrix impact on instrumentation at lower dilution

Wet Chemistry by Method 350.1

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		100	1	05/13/2025 15:47	WG2513792

Wet Chemistry by Method 351.2

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1800		250	1	05/14/2025 16:03	WG2513932

Wet Chemistry by Method 365.4

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Phosphorus,Total	144		100	1	05/14/2025 16:03	WG2515004

Wet Chemistry by Method 5310 B-2014

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	13300		1000	1	05/13/2025 17:45	WG2513836

Wet Chemistry by Method 5540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
MBAS	ND		100	1	05/13/2025 16:03	WG2513929

Wet Chemistry by Method 7199

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	05/13/2025 18:10	WG2513895

Wet Chemistry by Method 9040C

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.25	T8	1	05/13/2025 14:27	WG2513600

Sample Narrative:

L1858014-07 WG2513600: 8.25 at 21C

Mercury by Method 7470A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	05/13/2025 18:49	WG2513837

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Aluminum	164		100	1	05/13/2025 19:30	WG2513902
Aluminum,Dissolved	ND		100	1	05/13/2025 16:59	WG2513898
Antimony	ND		4.00	1	05/13/2025 19:30	WG2513902
Arsenic	2.17		2.00	1	05/13/2025 19:30	WG2513902
Arsenic,Dissolved	2.07		2.00	1	05/13/2025 16:59	WG2513898
Barium	38.1		2.00	1	05/13/2025 19:30	WG2513902
Beryllium	ND		2.00	1	05/13/2025 20:09	WG2513902
Boron	515		150	5	05/13/2025 22:35	WG2513902
Cadmium	ND		1.00	1	05/13/2025 19:30	WG2513902
Cadmium,Dissolved	ND		1.00	1	05/13/2025 16:59	WG2513898
Calcium	272000		1000	1	05/13/2025 19:30	WG2513902
Chromium	ND		2.00	1	05/13/2025 19:30	WG2513902
Chromium,Dissolved	ND		2.00	1	05/13/2025 16:59	WG2513898
Copper	ND		5.00	1	05/13/2025 19:30	WG2513902
Copper,Dissolved	ND		5.00	1	05/13/2025 16:59	WG2513898
Cobalt	ND		2.00	1	05/13/2025 19:30	WG2513902
Iron	177		100	1	05/13/2025 19:30	WG2513902
Lead	ND		2.00	1	05/13/2025 19:30	WG2513902
Lead,Dissolved	ND		2.00	1	05/13/2025 16:59	WG2513898
Magnesium	172000		1000	1	05/13/2025 19:30	WG2513902
Manganese	1010		5.00	1	05/13/2025 19:30	WG2513902
Manganese,Dissolved	1010		5.00	1	05/13/2025 16:59	WG2513898
Nickel	3.93		2.00	1	05/13/2025 19:30	WG2513902
Nickel,Dissolved	4.32		2.00	1	05/13/2025 16:59	WG2513898
Potassium	11100		2000	1	05/13/2025 19:30	WG2513902
Selenium	7.19		2.00	1	05/13/2025 19:30	WG2513902

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Selenium,Dissolved	6.92		2.00	1	05/13/2025 16:59	WG2513898
Silver	ND		2.00	1	05/13/2025 19:30	WG2513902
Silver,Dissolved	ND		2.00	1	05/13/2025 16:59	WG2513898
Sodium	273000		2000	1	05/13/2025 19:30	WG2513902
Thallium	ND		2.00	1	05/13/2025 19:30	WG2513902
Vanadium	ND		5.00	1	05/13/2025 19:30	WG2513902
Zinc	ND		25.0	1	05/13/2025 19:30	WG2513902
Zinc,Dissolved	ND		25.0	1	05/13/2025 16:59	WG2513898

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		100	1	05/13/2025 15:10	WG2513915
(S) a,a,a-Trifluorotoluene(FID)	*103*		*78.0-120*		*05/13/2025 15:10*	WG2513915

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/13/2025 14:11	WG2513871
Acrolein	ND		50.0	1	05/13/2025 14:11	WG2513871
Acrylonitrile	ND		10.0	1	05/13/2025 14:11	WG2513871
Benzene	ND		1.00	1	05/13/2025 14:11	WG2513871
Bromobenzene	ND		1.00	1	05/13/2025 14:11	WG2513871
Bromodichloromethane	ND		1.00	1	05/13/2025 14:11	WG2513871
Bromoform	ND		1.00	1	05/13/2025 14:11	WG2513871
Bromomethane	ND		5.00	1	05/13/2025 14:11	WG2513871
n-Butylbenzene	ND		1.00	1	05/13/2025 14:11	WG2513871
sec-Butylbenzene	ND		1.00	1	05/13/2025 14:11	WG2513871
tert-Butylbenzene	ND		1.00	1	05/13/2025 14:11	WG2513871
Carbon tetrachloride	ND		1.00	1	05/13/2025 14:11	WG2513871
Chlorobenzene	ND		1.00	1	05/13/2025 14:11	WG2513871
Chlorodibromomethane	ND		1.00	1	05/13/2025 14:11	WG2513871
Chloroethane	ND		5.00	1	05/13/2025 14:11	WG2513871
Chloroform	ND		5.00	1	05/13/2025 14:11	WG2513871
Chloromethane	ND		2.50	1	05/13/2025 14:11	WG2513871
2-Chlorotoluene	ND		1.00	1	05/13/2025 14:11	WG2513871
4-Chlorotoluene	ND		1.00	1	05/13/2025 14:11	WG2513871
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/13/2025 14:11	WG2513871
1,2-Dibromoethane	ND		1.00	1	05/13/2025 14:11	WG2513871
Dibromomethane	ND		1.00	1	05/13/2025 14:11	WG2513871
1,2-Dichlorobenzene	ND		1.00	1	05/13/2025 14:11	WG2513871
1,3-Dichlorobenzene	ND		1.00	1	05/13/2025 14:11	WG2513871
1,4-Dichlorobenzene	ND		1.00	1	05/13/2025 14:11	WG2513871
Dichlorodifluoromethane	ND	C3	5.00	1	05/13/2025 14:11	WG2513871
1,1-Dichloroethane	ND		1.00	1	05/13/2025 14:11	WG2513871
1,2-Dichloroethane	ND		1.00	1	05/13/2025 14:11	WG2513871
1,1-Dichloroethene	ND		1.00	1	05/13/2025 14:11	WG2513871
cis-1,2-Dichloroethene	ND		1.00	1	05/13/2025 14:11	WG2513871
trans-1,2-Dichloroethene	ND		1.00	1	05/13/2025 14:11	WG2513871
1,2-Dichloropropane	ND		1.00	1	05/13/2025 14:11	WG2513871
1,1-Dichloropropene	ND		1.00	1	05/13/2025 14:11	WG2513871
1,3-Dichloropropane	ND		1.00	1	05/13/2025 14:11	WG2513871
cis-1,3-Dichloropropene	ND		1.00	1	05/13/2025 14:11	WG2513871
trans-1,3-Dichloropropene	ND		1.00	1	05/13/2025 14:11	WG2513871
2,2-Dichloropropane	ND		1.00	1	05/13/2025 14:11	WG2513871

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Di-isopropyl ether	ND		1.00	1	05/13/2025 14:11	WG2513871
Ethylbenzene	ND		1.00	1	05/13/2025 14:11	WG2513871
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2025 14:11	WG2513871
Isopropylbenzene	ND		1.00	1	05/13/2025 14:11	WG2513871
p-Isopropyltoluene	ND		1.00	1	05/13/2025 14:11	WG2513871
2-Butanone (MEK)	ND		10.0	1	05/13/2025 14:11	WG2513871
Methylene Chloride	ND		5.00	1	05/13/2025 14:11	WG2513871
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/13/2025 14:11	WG2513871
Methyl tert-butyl ether	ND		1.00	1	05/13/2025 14:11	WG2513871
Naphthalene	ND		5.00	1	05/13/2025 14:11	WG2513871
n-Propylbenzene	ND		1.00	1	05/13/2025 14:11	WG2513871
Styrene	ND		1.00	1	05/13/2025 14:11	WG2513871
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/13/2025 14:11	WG2513871
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/13/2025 14:11	WG2513871
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/13/2025 14:11	WG2513871
Tetrachloroethene	ND		1.00	1	05/13/2025 14:11	WG2513871
Toluene	ND		1.00	1	05/13/2025 14:11	WG2513871
1,2,3-Trichlorobenzene	ND		1.00	1	05/13/2025 14:11	WG2513871
1,2,4-Trichlorobenzene	ND		1.00	1	05/13/2025 14:11	WG2513871
1,1,1-Trichloroethane	ND		1.00	1	05/13/2025 14:11	WG2513871
1,1,2-Trichloroethane	ND		1.00	1	05/13/2025 14:11	WG2513871
Trichloroethene	ND		1.00	1	05/13/2025 14:11	WG2513871
Trichlorofluoromethane	ND		5.00	1	05/13/2025 14:11	WG2513871
1,2,3-Trichloropropane	ND		2.50	1	05/13/2025 14:11	WG2513871
1,2,4-Trimethylbenzene	ND		1.00	1	05/13/2025 14:11	WG2513871
1,2,3-Trimethylbenzene	ND		1.00	1	05/13/2025 14:11	WG2513871
1,3,5-Trimethylbenzene	ND		1.00	1	05/13/2025 14:11	WG2513871
Vinyl chloride	ND		1.00	1	05/13/2025 14:11	WG2513871
Xylenes, Total	ND		3.00	1	05/13/2025 14:11	WG2513871
(S) Toluene-d8	*100*		*80.0-120*		*05/13/2025 14:11*	WG2513871
(S) 4-Bromofluorobenzene	*96.4*		*77.0-126*		*05/13/2025 14:11*	WG2513871
(S) 1,2-Dichloroethane-d4	*102*		*70.0-130*		*05/13/2025 14:11*	WG2513871

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	123		100	1	05/13/2025 20:48	WG2513812
C28-C36 Motor Oil Range	381		100	1	05/13/2025 20:48	WG2513812
(S) o-Terphenyl	*115*		*52.0-156*		*05/13/2025 20:48*	WG2513812

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acenaphthene	ND		1.01	1.01	05/13/2025 23:15	WG2513804
Acenaphthylene	ND		1.01	1.01	05/13/2025 23:15	WG2513804
Anthracene	ND		1.01	1.01	05/13/2025 23:15	WG2513804
Benzidine	ND	J4	10.1	1.01	05/13/2025 23:15	WG2513804
Benzo(a)anthracene	ND		1.01	1.01	05/13/2025 23:15	WG2513804
Benzo(b)fluoranthene	ND		1.01	1.01	05/13/2025 23:15	WG2513804
Benzo(k)fluoranthene	ND		1.01	1.01	05/13/2025 23:15	WG2513804
Benzo(g,h,i)perylene	ND		1.01	1.01	05/13/2025 23:15	WG2513804
Benzo(a)pyrene	ND		1.01	1.01	05/13/2025 23:15	WG2513804
Bis(2-chlorethoxy)methane	ND		10.1	1.01	05/13/2025 23:15	WG2513804
Bis(2-chloroethyl)ether	ND		10.1	1.01	05/13/2025 23:15	WG2513804
2,2-Oxybis(1-Chloropropane)	ND		10.1	1.01	05/13/2025 23:15	WG2513804

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
4-Bromophenyl-phenylether	ND		10.1	1.01	05/13/2025 23:15	WG2513804
2-Chloronaphthalene	ND		1.01	1.01	05/13/2025 23:15	WG2513804
4-Chlorophenyl-phenylether	ND		10.1	1.01	05/13/2025 23:15	WG2513804
Chrysene	ND		1.01	1.01	05/13/2025 23:15	WG2513804
Dibenz(a,h)anthracene	ND		1.01	1.01	05/13/2025 23:15	WG2513804
1,2-Dichlorobenzene	ND		10.1	1.01	05/13/2025 23:15	WG2513804
1,3-Dichlorobenzene	ND		10.1	1.01	05/13/2025 23:15	WG2513804
1,4-Dichlorobenzene	ND		10.1	1.01	05/13/2025 23:15	WG2513804
3,3-Dichlorobenzidine	ND		10.1	1.01	05/13/2025 23:15	WG2513804
2,4-Dinitrotoluene	ND		10.1	1.01	05/13/2025 23:15	WG2513804
2,6-Dinitrotoluene	ND		10.1	1.01	05/13/2025 23:15	WG2513804
Fluoranthene	ND		1.01	1.01	05/13/2025 23:15	WG2513804
Fluorene	ND		1.01	1.01	05/13/2025 23:15	WG2513804
Hexachlorobenzene	ND		1.01	1.01	05/13/2025 23:15	WG2513804
Hexachloro-1,3-butadiene	ND		10.1	1.01	05/13/2025 23:15	WG2513804
Hexachlorocyclopentadiene	ND		10.1	1.01	05/13/2025 23:15	WG2513804
Hexachloroethane	ND		10.1	1.01	05/13/2025 23:15	WG2513804
Indeno(1,2,3-cd)pyrene	ND		1.01	1.01	05/13/2025 23:15	WG2513804
Isophorone	ND		10.1	1.01	05/13/2025 23:15	WG2513804
1-Methylnaphthalene	ND		1.01	1.01	05/13/2025 23:15	WG2513804
2-Methylnaphthalene	ND		1.01	1.01	05/13/2025 23:15	WG2513804
Naphthalene	ND		1.01	1.01	05/13/2025 23:15	WG2513804
Nitrobenzene	ND		10.1	1.01	05/13/2025 23:15	WG2513804
n-Nitrosodimethylamine	ND		10.1	1.01	05/13/2025 23:15	WG2513804
n-Nitrosodiphenylamine	ND		10.1	1.01	05/13/2025 23:15	WG2513804
n-Nitrosodi-n-propylamine	ND		10.1	1.01	05/13/2025 23:15	WG2513804
Phenanthrene	ND		1.01	1.01	05/13/2025 23:15	WG2513804
Benzylbutyl phthalate	ND		3.03	1.01	05/13/2025 23:15	WG2513804
Bis(2-ethylhexyl)phthalate	ND		3.03	1.01	05/13/2025 23:15	WG2513804
Di-n-butyl phthalate	ND		3.03	1.01	05/13/2025 23:15	WG2513804
Diethyl phthalate	ND		3.03	1.01	05/13/2025 23:15	WG2513804
Dimethyl phthalate	ND		3.03	1.01	05/13/2025 23:15	WG2513804
Di-n-octyl phthalate	ND		3.03	1.01	05/13/2025 23:15	WG2513804
Pyrene	ND		1.01	1.01	05/13/2025 23:15	WG2513804
1,2,4-Trichlorobenzene	ND		10.1	1.01	05/13/2025 23:15	WG2513804
4-Chloro-3-methylphenol	ND		10.1	1.01	05/13/2025 23:15	WG2513804
2-Chlorophenol	ND		10.1	1.01	05/13/2025 23:15	WG2513804
2,4-Dichlorophenol	ND		10.1	1.01	05/13/2025 23:15	WG2513804
2,4-Dimethylphenol	ND		10.1	1.01	05/13/2025 23:15	WG2513804
4,6-Dinitro-2-methylphenol	ND		10.1	1.01	05/13/2025 23:15	WG2513804
2,4-Dinitrophenol	ND		10.1	1.01	05/13/2025 23:15	WG2513804
2-Nitrophenol	ND		10.1	1.01	05/13/2025 23:15	WG2513804
4-Nitrophenol	ND		10.1	1.01	05/13/2025 23:15	WG2513804
Pentachlorophenol	ND		10.1	1.01	05/13/2025 23:15	WG2513804
Phenol	ND		10.1	1.01	05/13/2025 23:15	WG2513804
2,4,6-Trichlorophenol	ND		10.1	1.01	05/13/2025 23:15	WG2513804
(S) 2-Fluorophenol	*49.2*		*10.0-120*		*05/13/2025 23:15*	WG2513804
(S) Phenol-d5	*31.1*		*10.0-120*		*05/13/2025 23:15*	WG2513804
(S) Nitrobenzene-d5	*83.4*		*10.0-127*		*05/13/2025 23:15*	WG2513804
(S) 2-Fluorobiphenyl	*72.0*		*10.0-130*		*05/13/2025 23:15*	WG2513804
(S) 2,4,6-Tribromophenol	*62.9*		*10.0-155*		*05/13/2025 23:15*	WG2513804
(S) p-Terphenyl-d14	*65.0*		*10.0-128*		*05/13/2025 23:15*	WG2513804

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/13/2025 14:32	WG2513871
Acrolein	ND		50.0	1	05/13/2025 14:32	WG2513871
Acrylonitrile	ND		10.0	1	05/13/2025 14:32	WG2513871
Benzene	ND		1.00	1	05/13/2025 14:32	WG2513871
Bromobenzene	ND		1.00	1	05/13/2025 14:32	WG2513871
Bromodichloromethane	ND		1.00	1	05/13/2025 14:32	WG2513871
Bromoform	ND		1.00	1	05/13/2025 14:32	WG2513871
Bromomethane	ND		5.00	1	05/13/2025 14:32	WG2513871
n-Butylbenzene	ND		1.00	1	05/13/2025 14:32	WG2513871
sec-Butylbenzene	ND		1.00	1	05/13/2025 14:32	WG2513871
tert-Butylbenzene	ND		1.00	1	05/13/2025 14:32	WG2513871
Carbon tetrachloride	ND		1.00	1	05/13/2025 14:32	WG2513871
Chlorobenzene	ND		1.00	1	05/13/2025 14:32	WG2513871
Chlorodibromomethane	ND		1.00	1	05/13/2025 14:32	WG2513871
Chloroethane	ND		5.00	1	05/13/2025 14:32	WG2513871
Chloroform	ND		5.00	1	05/13/2025 14:32	WG2513871
Chloromethane	ND		2.50	1	05/13/2025 14:32	WG2513871
2-Chlorotoluene	ND		1.00	1	05/13/2025 14:32	WG2513871
4-Chlorotoluene	ND		1.00	1	05/13/2025 14:32	WG2513871
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/13/2025 14:32	WG2513871
1,2-Dibromoethane	ND		1.00	1	05/13/2025 14:32	WG2513871
Dibromomethane	ND		1.00	1	05/13/2025 14:32	WG2513871
1,2-Dichlorobenzene	ND		1.00	1	05/13/2025 14:32	WG2513871
1,3-Dichlorobenzene	ND		1.00	1	05/13/2025 14:32	WG2513871
1,4-Dichlorobenzene	ND		1.00	1	05/13/2025 14:32	WG2513871
Dichlorodifluoromethane	ND	C3	5.00	1	05/13/2025 14:32	WG2513871
1,1-Dichloroethane	ND		1.00	1	05/13/2025 14:32	WG2513871
1,2-Dichloroethane	ND		1.00	1	05/13/2025 14:32	WG2513871
1,1-Dichloroethene	ND		1.00	1	05/13/2025 14:32	WG2513871
cis-1,2-Dichloroethene	ND		1.00	1	05/13/2025 14:32	WG2513871
trans-1,2-Dichloroethene	ND		1.00	1	05/13/2025 14:32	WG2513871
1,2-Dichloropropane	ND		1.00	1	05/13/2025 14:32	WG2513871
1,1-Dichloropropene	ND		1.00	1	05/13/2025 14:32	WG2513871
1,3-Dichloropropane	ND		1.00	1	05/13/2025 14:32	WG2513871
cis-1,3-Dichloropropene	ND		1.00	1	05/13/2025 14:32	WG2513871
trans-1,3-Dichloropropene	ND		1.00	1	05/13/2025 14:32	WG2513871
2,2-Dichloropropane	ND		1.00	1	05/13/2025 14:32	WG2513871
Di-isopropyl ether	ND		1.00	1	05/13/2025 14:32	WG2513871
Ethylbenzene	ND		1.00	1	05/13/2025 14:32	WG2513871
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2025 14:32	WG2513871
Isopropylbenzene	ND		1.00	1	05/13/2025 14:32	WG2513871
p-Isopropyltoluene	ND		1.00	1	05/13/2025 14:32	WG2513871
2-Butanone (MEK)	ND		10.0	1	05/13/2025 14:32	WG2513871
Methylene Chloride	ND		5.00	1	05/13/2025 14:32	WG2513871
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/13/2025 14:32	WG2513871
Methyl tert-butyl ether	ND		1.00	1	05/13/2025 14:32	WG2513871
Naphthalene	ND		5.00	1	05/13/2025 14:32	WG2513871
n-Propylbenzene	ND		1.00	1	05/13/2025 14:32	WG2513871
Styrene	ND		1.00	1	05/13/2025 14:32	WG2513871
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/13/2025 14:32	WG2513871
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/13/2025 14:32	WG2513871
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/13/2025 14:32	WG2513871
Tetrachloroethene	ND		1.00	1	05/13/2025 14:32	WG2513871
Toluene	ND		1.00	1	05/13/2025 14:32	WG2513871
1,2,3-Trichlorobenzene	ND		1.00	1	05/13/2025 14:32	WG2513871
1,2,4-Trichlorobenzene	ND		1.00	1	05/13/2025 14:32	WG2513871

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	05/13/2025 14:32	WG2513871
1,1,2-Trichloroethane	ND		1.00	1	05/13/2025 14:32	WG2513871
Trichloroethene	ND		1.00	1	05/13/2025 14:32	WG2513871
Trichlorofluoromethane	ND		5.00	1	05/13/2025 14:32	WG2513871
1,2,3-Trichloropropane	ND		2.50	1	05/13/2025 14:32	WG2513871
1,2,4-Trimethylbenzene	ND		1.00	1	05/13/2025 14:32	WG2513871
1,2,3-Trimethylbenzene	ND		1.00	1	05/13/2025 14:32	WG2513871
1,3,5-Trimethylbenzene	ND		1.00	1	05/13/2025 14:32	WG2513871
Vinyl chloride	ND		1.00	1	05/13/2025 14:32	WG2513871
Xylenes, Total	ND		3.00	1	05/13/2025 14:32	WG2513871
(S) Toluene-d8	*100*		*80.0-120*		*05/13/2025 14:32*	WG2513871
(S) 4-Bromofluorobenzene	*96.4*		*77.0-126*		*05/13/2025 14:32*	WG2513871
(S) 1,2-Dichloroethane-d4	*102*		*70.0-130*		*05/13/2025 14:32*	WG2513871

Calculated Results

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Total Nitrogen	7500		250	1	05/14/2025 16:04	WG2513932

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Dissolved Solids	3290000		50000	1	05/13/2025 21:52	WG2513941

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Suspended Solids	52000		6680	1	05/13/2025 15:10	WG2513799

Wet Chemistry by Method 130.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Hardness (colorimetric) as CaCO3	1480000		150000	5	05/14/2025 13:13	WG2514015

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	359000		20000	1	05/13/2025 15:05	WG2513952

Sample Narrative:

L1858014-09 WG2513952: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Bromide	ND		5000	5	05/13/2025 17:42	WG2513712
Chloride	129000		5000	5	05/13/2025 17:42	WG2513712
Fluoride	1360		750	5	05/13/2025 17:42	WG2513712
Nitrate as (N)	5010		500	5	05/13/2025 17:42	WG2513712
Nitrite as (N)	520		500	5	05/13/2025 17:42	WG2513712
Sulfate	1740000		250000	50	05/13/2025 17:56	WG2513712

Sample Narrative:

L1858014-09 WG2513712: Dilution due to matrix impact on instrumentation at lower dilution

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Ammonia Nitrogen	ND		100	1	05/13/2025 15:49	WG2513792

Wet Chemistry by Method 351.2

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Kjeldahl Nitrogen, TKN	1960		250	1	05/14/2025 16:04	WG2513932

Wet Chemistry by Method 365.4

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Phosphorus,Total	207		100	1	05/14/2025 16:04	WG2515004

Wet Chemistry by Method 5310 B-2014

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	9420		1000	1	05/13/2025 18:05	WG2513836

Wet Chemistry by Method 5540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
MBAS	ND		100	1	05/13/2025 16:04	WG2513929

Wet Chemistry by Method 7199

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	05/14/2025 02:22	WG2513895

Wet Chemistry by Method 9040C

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.00	T8	1	05/13/2025 14:27	WG2513600

Sample Narrative:

L1858014-09 WG2513600: 8 at 20.6C

Mercury by Method 7470A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	05/13/2025 18:51	WG2513837

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Aluminum	ND		100	1	05/13/2025 19:34	WG2513902
Aluminum,Dissolved	ND		100	1	05/13/2025 17:02	WG2513898
Antimony	ND		4.00	1	05/13/2025 19:34	WG2513902
Arsenic	ND		2.00	1	05/13/2025 19:34	WG2513902
Arsenic,Dissolved	ND		2.00	1	05/13/2025 17:02	WG2513898
Barium	12.8		2.00	1	05/13/2025 19:34	WG2513902
Beryllium	ND		2.00	1	05/13/2025 20:12	WG2513902
Boron	578		150	5	05/13/2025 22:39	WG2513902
Cadmium	ND		1.00	1	05/13/2025 19:34	WG2513902
Cadmium,Dissolved	ND		1.00	1	05/13/2025 17:02	WG2513898
Calcium	244000		1000	1	05/13/2025 19:34	WG2513902
Chromium	ND		2.00	1	05/13/2025 19:34	WG2513902
Chromium,Dissolved	2.83		2.00	1	05/13/2025 17:02	WG2513898
Copper	ND		5.00	1	05/13/2025 19:34	WG2513902
Copper,Dissolved	6.53		5.00	1	05/13/2025 17:02	WG2513898
Cobalt	ND		2.00	1	05/13/2025 19:34	WG2513902
Iron	ND		100	1	05/13/2025 19:34	WG2513902
Lead	ND		2.00	1	05/13/2025 19:34	WG2513902
Lead,Dissolved	ND		2.00	1	05/13/2025 17:02	WG2513898
Magnesium	187000		1000	1	05/13/2025 19:34	WG2513902
Manganese	271		5.00	1	05/13/2025 19:34	WG2513902
Manganese,Dissolved	335		5.00	1	05/13/2025 17:02	WG2513898
Nickel	ND		2.00	1	05/13/2025 19:34	WG2513902
Nickel,Dissolved	3.65		2.00	1	05/13/2025 17:02	WG2513898
Potassium	10700		2000	1	05/13/2025 19:34	WG2513902
Selenium	12.6		2.00	1	05/13/2025 19:34	WG2513902

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Selenium,Dissolved	11.8		2.00	1	05/13/2025 17:02	WG2513898
Silver	ND		2.00	1	05/13/2025 19:34	WG2513902
Silver,Dissolved	ND		2.00	1	05/13/2025 17:02	WG2513898
Sodium	445000		2000	1	05/13/2025 19:34	WG2513902
Thallium	ND		2.00	1	05/13/2025 19:34	WG2513902
Vanadium	ND		5.00	1	05/13/2025 19:34	WG2513902
Zinc	ND		25.0	1	05/13/2025 19:34	WG2513902
Zinc,Dissolved	ND		25.0	1	05/13/2025 17:02	WG2513898

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		100	1	05/13/2025 15:30	WG2513915
(S) a,a,a-Trifluorotoluene(FID)	*102*		*78.0-120*		*05/13/2025 15:30*	WG2513915

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/13/2025 14:52	WG2513871
Acrolein	ND		50.0	1	05/13/2025 14:52	WG2513871
Acrylonitrile	ND		10.0	1	05/13/2025 14:52	WG2513871
Benzene	ND		1.00	1	05/13/2025 14:52	WG2513871
Bromobenzene	ND		1.00	1	05/13/2025 14:52	WG2513871
Bromodichloromethane	ND		1.00	1	05/13/2025 14:52	WG2513871
Bromoform	ND		1.00	1	05/13/2025 14:52	WG2513871
Bromomethane	ND		5.00	1	05/13/2025 14:52	WG2513871
n-Butylbenzene	ND		1.00	1	05/13/2025 14:52	WG2513871
sec-Butylbenzene	ND		1.00	1	05/13/2025 14:52	WG2513871
tert-Butylbenzene	ND		1.00	1	05/13/2025 14:52	WG2513871
Carbon tetrachloride	ND		1.00	1	05/13/2025 14:52	WG2513871
Chlorobenzene	ND		1.00	1	05/13/2025 14:52	WG2513871
Chlorodibromomethane	ND		1.00	1	05/13/2025 14:52	WG2513871
Chloroethane	ND		5.00	1	05/13/2025 14:52	WG2513871
Chloroform	ND		5.00	1	05/13/2025 14:52	WG2513871
Chloromethane	ND		2.50	1	05/13/2025 14:52	WG2513871
2-Chlorotoluene	ND		1.00	1	05/13/2025 14:52	WG2513871
4-Chlorotoluene	ND		1.00	1	05/13/2025 14:52	WG2513871
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/13/2025 14:52	WG2513871
1,2-Dibromoethane	ND		1.00	1	05/13/2025 14:52	WG2513871
Dibromomethane	ND		1.00	1	05/13/2025 14:52	WG2513871
1,2-Dichlorobenzene	ND		1.00	1	05/13/2025 14:52	WG2513871
1,3-Dichlorobenzene	ND		1.00	1	05/13/2025 14:52	WG2513871
1,4-Dichlorobenzene	ND		1.00	1	05/13/2025 14:52	WG2513871
Dichlorodifluoromethane	ND	C3	5.00	1	05/13/2025 14:52	WG2513871
1,1-Dichloroethane	ND		1.00	1	05/13/2025 14:52	WG2513871
1,2-Dichloroethane	ND		1.00	1	05/13/2025 14:52	WG2513871
1,1-Dichloroethene	ND		1.00	1	05/13/2025 14:52	WG2513871
cis-1,2-Dichloroethene	ND		1.00	1	05/13/2025 14:52	WG2513871
trans-1,2-Dichloroethene	ND		1.00	1	05/13/2025 14:52	WG2513871
1,2-Dichloropropane	ND		1.00	1	05/13/2025 14:52	WG2513871
1,1-Dichloropropene	ND		1.00	1	05/13/2025 14:52	WG2513871
1,3-Dichloropropane	ND		1.00	1	05/13/2025 14:52	WG2513871
cis-1,3-Dichloropropene	ND		1.00	1	05/13/2025 14:52	WG2513871
trans-1,3-Dichloropropene	ND		1.00	1	05/13/2025 14:52	WG2513871
2,2-Dichloropropane	ND		1.00	1	05/13/2025 14:52	WG2513871

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Di-isopropyl ether	ND		1.00	1	05/13/2025 14:52	WG2513871
Ethylbenzene	ND		1.00	1	05/13/2025 14:52	WG2513871
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2025 14:52	WG2513871
Isopropylbenzene	ND		1.00	1	05/13/2025 14:52	WG2513871
p-Isopropyltoluene	ND		1.00	1	05/13/2025 14:52	WG2513871
2-Butanone (MEK)	ND		10.0	1	05/13/2025 14:52	WG2513871
Methylene Chloride	ND		5.00	1	05/13/2025 14:52	WG2513871
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/13/2025 14:52	WG2513871
Methyl tert-butyl ether	ND		1.00	1	05/13/2025 14:52	WG2513871
Naphthalene	ND		5.00	1	05/13/2025 14:52	WG2513871
n-Propylbenzene	ND		1.00	1	05/13/2025 14:52	WG2513871
Styrene	ND		1.00	1	05/13/2025 14:52	WG2513871
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/13/2025 14:52	WG2513871
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/13/2025 14:52	WG2513871
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/13/2025 14:52	WG2513871
Tetrachloroethene	ND		1.00	1	05/13/2025 14:52	WG2513871
Toluene	ND		1.00	1	05/13/2025 14:52	WG2513871
1,2,3-Trichlorobenzene	ND		1.00	1	05/13/2025 14:52	WG2513871
1,2,4-Trichlorobenzene	ND		1.00	1	05/13/2025 14:52	WG2513871
1,1,1-Trichloroethane	ND		1.00	1	05/13/2025 14:52	WG2513871
1,1,2-Trichloroethane	ND		1.00	1	05/13/2025 14:52	WG2513871
Trichloroethene	ND		1.00	1	05/13/2025 14:52	WG2513871
Trichlorofluoromethane	ND		5.00	1	05/13/2025 14:52	WG2513871
1,2,3-Trichloropropane	ND		2.50	1	05/13/2025 14:52	WG2513871
1,2,4-Trimethylbenzene	ND		1.00	1	05/13/2025 14:52	WG2513871
1,2,3-Trimethylbenzene	ND		1.00	1	05/13/2025 14:52	WG2513871
1,3,5-Trimethylbenzene	ND		1.00	1	05/13/2025 14:52	WG2513871
Vinyl chloride	ND		1.00	1	05/13/2025 14:52	WG2513871
Xylenes, Total	ND		3.00	1	05/13/2025 14:52	WG2513871
(S) Toluene-d8	*101*		*80.0-120*		*05/13/2025 14:52*	WG2513871
(S) 4-Bromofluorobenzene	*94.8*		*77.0-126*		*05/13/2025 14:52*	WG2513871
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*05/13/2025 14:52*	WG2513871

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		200	2	05/13/2025 21:11	WG2513812
C28-C36 Motor Oil Range	305		200	2	05/13/2025 21:11	WG2513812
(S) o-Terphenyl	*109*		*52.0-156*		*05/13/2025 21:11*	WG2513812

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acenaphthene	ND		1.00	1	05/14/2025 01:03	WG2513804
Acenaphthylene	ND		1.00	1	05/14/2025 01:03	WG2513804
Anthracene	ND		1.00	1	05/14/2025 01:03	WG2513804
Benzidine	ND	J4	10.0	1	05/14/2025 01:03	WG2513804
Benzo(a)anthracene	ND		1.00	1	05/14/2025 01:03	WG2513804
Benzo(b)fluoranthene	ND		1.00	1	05/14/2025 01:03	WG2513804
Benzo(k)fluoranthene	ND		1.00	1	05/14/2025 01:03	WG2513804
Benzo(g,h,i)perylene	ND		1.00	1	05/14/2025 01:03	WG2513804
Benzo(a)pyrene	ND		1.00	1	05/14/2025 01:03	WG2513804
Bis(2-chlorethoxy)methane	ND		10.0	1	05/14/2025 01:03	WG2513804
Bis(2-chloroethyl)ether	ND		10.0	1	05/14/2025 01:03	WG2513804
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	05/14/2025 01:03	WG2513804

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
4-Bromophenyl-phenylether	ND		10.0	1	05/14/2025 01:03	WG2513804
2-Chloronaphthalene	ND		1.00	1	05/14/2025 01:03	WG2513804
4-Chlorophenyl-phenylether	ND		10.0	1	05/14/2025 01:03	WG2513804
Chrysene	ND		1.00	1	05/14/2025 01:03	WG2513804
Dibenz(a,h)anthracene	ND		1.00	1	05/14/2025 01:03	WG2513804
1,2-Dichlorobenzene	ND		10.0	1	05/14/2025 01:03	WG2513804
1,3-Dichlorobenzene	ND		10.0	1	05/14/2025 01:03	WG2513804
1,4-Dichlorobenzene	ND		10.0	1	05/14/2025 01:03	WG2513804
3,3-Dichlorobenzidine	ND		10.0	1	05/14/2025 01:03	WG2513804
2,4-Dinitrotoluene	ND		10.0	1	05/14/2025 01:03	WG2513804
2,6-Dinitrotoluene	ND		10.0	1	05/14/2025 01:03	WG2513804
Fluoranthene	ND		1.00	1	05/14/2025 01:03	WG2513804
Fluorene	ND		1.00	1	05/14/2025 01:03	WG2513804
Hexachlorobenzene	ND		1.00	1	05/14/2025 01:03	WG2513804
Hexachloro-1,3-butadiene	ND		10.0	1	05/14/2025 01:03	WG2513804
Hexachlorocyclopentadiene	ND		10.0	1	05/14/2025 01:03	WG2513804
Hexachloroethane	ND		10.0	1	05/14/2025 01:03	WG2513804
Indeno(1,2,3-cd)pyrene	ND		1.00	1	05/14/2025 01:03	WG2513804
Isophorone	ND		10.0	1	05/14/2025 01:03	WG2513804
1-Methylnaphthalene	ND		1.00	1	05/14/2025 01:03	WG2513804
2-Methylnaphthalene	ND		1.00	1	05/14/2025 01:03	WG2513804
Naphthalene	ND		1.00	1	05/14/2025 01:03	WG2513804
Nitrobenzene	ND		10.0	1	05/14/2025 01:03	WG2513804
n-Nitrosodimethylamine	ND		10.0	1	05/14/2025 01:03	WG2513804
n-Nitrosodiphenylamine	ND		10.0	1	05/14/2025 01:03	WG2513804
n-Nitrosodi-n-propylamine	ND		10.0	1	05/14/2025 01:03	WG2513804
Phenanthrene	ND		1.00	1	05/14/2025 01:03	WG2513804
Benzylbutyl phthalate	ND		3.00	1	05/14/2025 01:03	WG2513804
Bis(2-ethylhexyl)phthalate	ND		3.00	1	05/14/2025 01:03	WG2513804
Di-n-butyl phthalate	ND		3.00	1	05/14/2025 01:03	WG2513804
Diethyl phthalate	ND		3.00	1	05/14/2025 01:03	WG2513804
Dimethyl phthalate	ND		3.00	1	05/14/2025 01:03	WG2513804
Di-n-octyl phthalate	ND		3.00	1	05/14/2025 01:03	WG2513804
Pyrene	ND		1.00	1	05/14/2025 01:03	WG2513804
1,2,4-Trichlorobenzene	ND		10.0	1	05/14/2025 01:03	WG2513804
4-Chloro-3-methylphenol	ND		10.0	1	05/14/2025 01:03	WG2513804
2-Chlorophenol	ND		10.0	1	05/14/2025 01:03	WG2513804
2,4-Dichlorophenol	ND		10.0	1	05/14/2025 01:03	WG2513804
2,4-Dimethylphenol	ND		10.0	1	05/14/2025 01:03	WG2513804
4,6-Dinitro-2-methylphenol	ND		10.0	1	05/14/2025 01:03	WG2513804
2,4-Dinitrophenol	ND		10.0	1	05/14/2025 01:03	WG2513804
2-Nitrophenol	ND		10.0	1	05/14/2025 01:03	WG2513804
4-Nitrophenol	ND		10.0	1	05/14/2025 01:03	WG2513804
Pentachlorophenol	ND		10.0	1	05/14/2025 01:03	WG2513804
Phenol	ND		10.0	1	05/14/2025 01:03	WG2513804
2,4,6-Trichlorophenol	ND		10.0	1	05/14/2025 01:03	WG2513804
(S) 2-Fluorophenol	*44.4*		*10.0-120*		*05/14/2025 01:03*	WG2513804
(S) Phenol-d5	*31.8*		*10.0-120*		*05/14/2025 01:03*	WG2513804
(S) Nitrobenzene-d5	*79.3*		*10.0-127*		*05/14/2025 01:03*	WG2513804
(S) 2-Fluorobiphenyl	*69.1*		*10.0-130*		*05/14/2025 01:03*	WG2513804
(S) 2,4,6-Tribromophenol	*59.1*		*10.0-155*		*05/14/2025 01:03*	WG2513804
(S) p-Terphenyl-d14	*69.7*		*10.0-128*		*05/14/2025 01:03*	WG2513804

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/13/2025 15:13	WG2513871
Acrolein	ND		50.0	1	05/13/2025 15:13	WG2513871
Acrylonitrile	ND		10.0	1	05/13/2025 15:13	WG2513871
Benzene	ND		1.00	1	05/13/2025 15:13	WG2513871
Bromobenzene	ND		1.00	1	05/13/2025 15:13	WG2513871
Bromodichloromethane	ND		1.00	1	05/13/2025 15:13	WG2513871
Bromoform	ND		1.00	1	05/13/2025 15:13	WG2513871
Bromomethane	ND		5.00	1	05/13/2025 15:13	WG2513871
n-Butylbenzene	ND		1.00	1	05/13/2025 15:13	WG2513871
sec-Butylbenzene	ND		1.00	1	05/13/2025 15:13	WG2513871
tert-Butylbenzene	ND		1.00	1	05/13/2025 15:13	WG2513871
Carbon tetrachloride	ND		1.00	1	05/13/2025 15:13	WG2513871
Chlorobenzene	ND		1.00	1	05/13/2025 15:13	WG2513871
Chlorodibromomethane	ND		1.00	1	05/13/2025 15:13	WG2513871
Chloroethane	ND		5.00	1	05/13/2025 15:13	WG2513871
Chloroform	ND		5.00	1	05/13/2025 15:13	WG2513871
Chloromethane	ND		2.50	1	05/13/2025 15:13	WG2513871
2-Chlorotoluene	ND		1.00	1	05/13/2025 15:13	WG2513871
4-Chlorotoluene	ND		1.00	1	05/13/2025 15:13	WG2513871
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/13/2025 15:13	WG2513871
1,2-Dibromoethane	ND		1.00	1	05/13/2025 15:13	WG2513871
Dibromomethane	ND		1.00	1	05/13/2025 15:13	WG2513871
1,2-Dichlorobenzene	ND		1.00	1	05/13/2025 15:13	WG2513871
1,3-Dichlorobenzene	ND		1.00	1	05/13/2025 15:13	WG2513871
1,4-Dichlorobenzene	ND		1.00	1	05/13/2025 15:13	WG2513871
Dichlorodifluoromethane	ND	C3	5.00	1	05/13/2025 15:13	WG2513871
1,1-Dichloroethane	ND		1.00	1	05/13/2025 15:13	WG2513871
1,2-Dichloroethane	ND		1.00	1	05/13/2025 15:13	WG2513871
1,1-Dichloroethene	ND		1.00	1	05/13/2025 15:13	WG2513871
cis-1,2-Dichloroethene	ND		1.00	1	05/13/2025 15:13	WG2513871
trans-1,2-Dichloroethene	ND		1.00	1	05/13/2025 15:13	WG2513871
1,2-Dichloropropane	ND		1.00	1	05/13/2025 15:13	WG2513871
1,1-Dichloropropene	ND		1.00	1	05/13/2025 15:13	WG2513871
1,3-Dichloropropane	ND		1.00	1	05/13/2025 15:13	WG2513871
cis-1,3-Dichloropropene	ND		1.00	1	05/13/2025 15:13	WG2513871
trans-1,3-Dichloropropene	ND		1.00	1	05/13/2025 15:13	WG2513871
2,2-Dichloropropane	ND		1.00	1	05/13/2025 15:13	WG2513871
Di-isopropyl ether	ND		1.00	1	05/13/2025 15:13	WG2513871
Ethylbenzene	ND		1.00	1	05/13/2025 15:13	WG2513871
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2025 15:13	WG2513871
Isopropylbenzene	ND		1.00	1	05/13/2025 15:13	WG2513871
p-Isopropyltoluene	ND		1.00	1	05/13/2025 15:13	WG2513871
2-Butanone (MEK)	ND		10.0	1	05/13/2025 15:13	WG2513871
Methylene Chloride	ND		5.00	1	05/13/2025 15:13	WG2513871
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/13/2025 15:13	WG2513871
Methyl tert-butyl ether	ND		1.00	1	05/13/2025 15:13	WG2513871
Naphthalene	ND		5.00	1	05/13/2025 15:13	WG2513871
n-Propylbenzene	ND		1.00	1	05/13/2025 15:13	WG2513871
Styrene	ND		1.00	1	05/13/2025 15:13	WG2513871
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/13/2025 15:13	WG2513871
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/13/2025 15:13	WG2513871
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/13/2025 15:13	WG2513871
Tetrachloroethene	ND		1.00	1	05/13/2025 15:13	WG2513871
Toluene	ND		1.00	1	05/13/2025 15:13	WG2513871
1,2,3-Trichlorobenzene	ND		1.00	1	05/13/2025 15:13	WG2513871
1,2,4-Trichlorobenzene	ND		1.00	1	05/13/2025 15:13	WG2513871

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	05/13/2025 15:13	WG2513871
1,1,2-Trichloroethane	ND		1.00	1	05/13/2025 15:13	WG2513871
Trichloroethene	ND		1.00	1	05/13/2025 15:13	WG2513871
Trichlorofluoromethane	ND		5.00	1	05/13/2025 15:13	WG2513871
1,2,3-Trichloropropane	ND		2.50	1	05/13/2025 15:13	WG2513871
1,2,4-Trimethylbenzene	ND		1.00	1	05/13/2025 15:13	WG2513871
1,2,3-Trimethylbenzene	ND		1.00	1	05/13/2025 15:13	WG2513871
1,3,5-Trimethylbenzene	ND		1.00	1	05/13/2025 15:13	WG2513871
Vinyl chloride	ND		1.00	1	05/13/2025 15:13	WG2513871
Xylenes, Total	ND		3.00	1	05/13/2025 15:13	WG2513871
(S) Toluene-d8	*102*		*80.0-120*		*05/13/2025 15:13*	WG2513871
(S) 4-Bromofluorobenzene	*94.8*		*77.0-126*		*05/13/2025 15:13*	WG2513871
(S) 1,2-Dichloroethane-d4	*100*		*70.0-130*		*05/13/2025 15:13*	WG2513871

Calculated Results

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Total Nitrogen	6020		250	1	05/14/2025 16:07	WG2513932

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2860000		50000	1	05/13/2025 21:52	WG2513941

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Suspended Solids	35800		5000	1	05/13/2025 15:10	WG2513799

Wet Chemistry by Method 130.1

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hardness (colorimetric) as CaCO3	1570000		150000	5	05/14/2025 13:17	WG2514015

Wet Chemistry by Method 2320 B-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Alkalinity	470000		20000	1	05/13/2025 15:09	WG2513952

Sample Narrative:

L1858014-11 WG2513952: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 300.0

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Bromide	ND		5000	5	05/13/2025 18:09	WG2513712
Chloride	110000		5000	5	05/13/2025 18:09	WG2513712
Fluoride	1100		750	5	05/13/2025 18:09	WG2513712
Nitrate as (N)	3440		500	5	05/13/2025 18:09	WG2513712
Nitrite as (N)	ND		500	5	05/13/2025 18:09	WG2513712
Sulfate	2640000		250000	50	05/13/2025 18:50	WG2513712

Sample Narrative:

L1858014-11 WG2513712: Dilution due to matrix impact on instrumentation at lower dilution

Wet Chemistry by Method 350.1

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		100	1	05/13/2025 15:50	WG2513792

Wet Chemistry by Method 351.2

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	2180		250	1	05/14/2025 16:07	WG2513932

Wet Chemistry by Method 365.4

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Phosphorus,Total	196		100	1	05/14/2025 16:05	WG2515004

Wet Chemistry by Method 5310 B-2014

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	17500		1000	1	05/13/2025 18:28	WG2513836

Wet Chemistry by Method 5540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
MBAS	ND		100	1	05/13/2025 16:04	WG2513929

Wet Chemistry by Method 7199

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	05/13/2025 19:02	WG2513895

Wet Chemistry by Method 9040C

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.20	T8	1	05/13/2025 14:27	WG2513600

Sample Narrative:

L1858014-11 WG2513600: 8.2 at 20.1C

Mercury by Method 7470A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	05/13/2025 18:54	WG2513837

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Aluminum	195		100	1	05/13/2025 19:37	WG2513902
Aluminum,Dissolved	ND		100	1	05/13/2025 17:15	WG2513898
Antimony	ND		4.00	1	05/13/2025 19:37	WG2513902
Arsenic	2.26		2.00	1	05/13/2025 19:37	WG2513902
Arsenic,Dissolved	ND		2.00	1	05/13/2025 17:15	WG2513898
Barium	43.0		2.00	1	05/13/2025 19:37	WG2513902
Beryllium	ND		2.00	1	05/13/2025 20:22	WG2513902
Boron	603		150	5	05/13/2025 22:48	WG2513902
Cadmium	ND		1.00	1	05/13/2025 19:37	WG2513902
Cadmium,Dissolved	ND		1.00	1	05/13/2025 17:15	WG2513898
Calcium	314000		1000	1	05/13/2025 19:37	WG2513902
Chromium	ND		2.00	1	05/13/2025 19:37	WG2513902
Chromium,Dissolved	ND		2.00	1	05/13/2025 17:15	WG2513898
Copper	ND		5.00	1	05/13/2025 19:37	WG2513902
Copper,Dissolved	ND		5.00	1	05/13/2025 17:15	WG2513898
Cobalt	2.28		2.00	1	05/13/2025 19:37	WG2513902
Iron	368		100	1	05/13/2025 19:37	WG2513902
Lead	ND		2.00	1	05/13/2025 19:37	WG2513902
Lead,Dissolved	ND		2.00	1	05/13/2025 17:15	WG2513898
Magnesium	170000		1000	1	05/13/2025 19:37	WG2513902
Manganese	1740		5.00	1	05/13/2025 19:37	WG2513902
Manganese,Dissolved	1660		5.00	1	05/13/2025 17:15	WG2513898
Nickel	5.99		2.00	1	05/13/2025 19:37	WG2513902
Nickel,Dissolved	5.96		2.00	1	05/13/2025 17:15	WG2513898
Potassium	13500		2000	1	05/13/2025 19:37	WG2513902
Selenium	4.73		2.00	1	05/13/2025 19:37	WG2513902

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Selenium,Dissolved	4.46		2.00	1	05/13/2025 17:15	WG2513898
Silver	ND		2.00	1	05/13/2025 19:37	WG2513902
Silver,Dissolved	ND		2.00	1	05/13/2025 17:15	WG2513898
Sodium	308000		2000	1	05/13/2025 19:37	WG2513902
Thallium	ND		2.00	1	05/13/2025 19:37	WG2513902
Vanadium	ND		5.00	1	05/13/2025 19:37	WG2513902
Zinc	ND		25.0	1	05/13/2025 19:37	WG2513902
Zinc,Dissolved	ND		25.0	1	05/13/2025 17:15	WG2513898

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		100	1	05/13/2025 15:51	WG2513915
(S) a,a,a-Trifluorotoluene(FID)	*102*		*78.0-120*		*05/13/2025 15:51*	WG2513915

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/13/2025 15:33	WG2513871
Acrolein	ND		50.0	1	05/13/2025 15:33	WG2513871
Acrylonitrile	ND		10.0	1	05/13/2025 15:33	WG2513871
Benzene	ND		1.00	1	05/13/2025 15:33	WG2513871
Bromobenzene	ND		1.00	1	05/13/2025 15:33	WG2513871
Bromodichloromethane	ND		1.00	1	05/13/2025 15:33	WG2513871
Bromoform	ND		1.00	1	05/13/2025 15:33	WG2513871
Bromomethane	ND		5.00	1	05/13/2025 15:33	WG2513871
n-Butylbenzene	ND		1.00	1	05/13/2025 15:33	WG2513871
sec-Butylbenzene	ND		1.00	1	05/13/2025 15:33	WG2513871
tert-Butylbenzene	ND		1.00	1	05/13/2025 15:33	WG2513871
Carbon tetrachloride	ND		1.00	1	05/13/2025 15:33	WG2513871
Chlorobenzene	ND		1.00	1	05/13/2025 15:33	WG2513871
Chlorodibromomethane	ND		1.00	1	05/13/2025 15:33	WG2513871
Chloroethane	ND		5.00	1	05/13/2025 15:33	WG2513871
Chloroform	ND		5.00	1	05/13/2025 15:33	WG2513871
Chloromethane	ND		2.50	1	05/13/2025 15:33	WG2513871
2-Chlorotoluene	ND		1.00	1	05/13/2025 15:33	WG2513871
4-Chlorotoluene	ND		1.00	1	05/13/2025 15:33	WG2513871
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/13/2025 15:33	WG2513871
1,2-Dibromoethane	ND		1.00	1	05/13/2025 15:33	WG2513871
Dibromomethane	ND		1.00	1	05/13/2025 15:33	WG2513871
1,2-Dichlorobenzene	ND		1.00	1	05/13/2025 15:33	WG2513871
1,3-Dichlorobenzene	ND		1.00	1	05/13/2025 15:33	WG2513871
1,4-Dichlorobenzene	ND		1.00	1	05/13/2025 15:33	WG2513871
Dichlorodifluoromethane	ND	C3	5.00	1	05/13/2025 15:33	WG2513871
1,1-Dichloroethane	ND		1.00	1	05/13/2025 15:33	WG2513871
1,2-Dichloroethane	ND		1.00	1	05/13/2025 15:33	WG2513871
1,1-Dichloroethene	ND		1.00	1	05/13/2025 15:33	WG2513871
cis-1,2-Dichloroethene	ND		1.00	1	05/13/2025 15:33	WG2513871
trans-1,2-Dichloroethene	ND		1.00	1	05/13/2025 15:33	WG2513871
1,2-Dichloropropane	ND		1.00	1	05/13/2025 15:33	WG2513871
1,1-Dichloropropene	ND		1.00	1	05/13/2025 15:33	WG2513871
1,3-Dichloropropane	ND		1.00	1	05/13/2025 15:33	WG2513871
cis-1,3-Dichloropropene	ND		1.00	1	05/13/2025 15:33	WG2513871
trans-1,3-Dichloropropene	ND		1.00	1	05/13/2025 15:33	WG2513871
2,2-Dichloropropane	ND		1.00	1	05/13/2025 15:33	WG2513871

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Di-isopropyl ether	ND		1.00	1	05/13/2025 15:33	WG2513871
Ethylbenzene	ND		1.00	1	05/13/2025 15:33	WG2513871
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2025 15:33	WG2513871
Isopropylbenzene	ND		1.00	1	05/13/2025 15:33	WG2513871
p-Isopropyltoluene	ND		1.00	1	05/13/2025 15:33	WG2513871
2-Butanone (MEK)	ND		10.0	1	05/13/2025 15:33	WG2513871
Methylene Chloride	ND		5.00	1	05/13/2025 15:33	WG2513871
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/13/2025 15:33	WG2513871
Methyl tert-butyl ether	ND		1.00	1	05/13/2025 15:33	WG2513871
Naphthalene	ND		5.00	1	05/13/2025 15:33	WG2513871
n-Propylbenzene	ND		1.00	1	05/13/2025 15:33	WG2513871
Styrene	ND		1.00	1	05/13/2025 15:33	WG2513871
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/13/2025 15:33	WG2513871
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/13/2025 15:33	WG2513871
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/13/2025 15:33	WG2513871
Tetrachloroethene	ND		1.00	1	05/13/2025 15:33	WG2513871
Toluene	ND		1.00	1	05/13/2025 15:33	WG2513871
1,2,3-Trichlorobenzene	ND		1.00	1	05/13/2025 15:33	WG2513871
1,2,4-Trichlorobenzene	ND		1.00	1	05/13/2025 15:33	WG2513871
1,1,1-Trichloroethane	ND		1.00	1	05/13/2025 15:33	WG2513871
1,1,2-Trichloroethane	ND		1.00	1	05/13/2025 15:33	WG2513871
Trichloroethene	ND		1.00	1	05/13/2025 15:33	WG2513871
Trichlorofluoromethane	ND		5.00	1	05/13/2025 15:33	WG2513871
1,2,3-Trichloropropane	ND		2.50	1	05/13/2025 15:33	WG2513871
1,2,4-Trimethylbenzene	ND		1.00	1	05/13/2025 15:33	WG2513871
1,2,3-Trimethylbenzene	ND		1.00	1	05/13/2025 15:33	WG2513871
1,3,5-Trimethylbenzene	ND		1.00	1	05/13/2025 15:33	WG2513871
Vinyl chloride	ND		1.00	1	05/13/2025 15:33	WG2513871
Xylenes, Total	ND		3.00	1	05/13/2025 15:33	WG2513871
(S) Toluene-d8	*101*		*80.0-120*		*05/13/2025 15:33*	WG2513871
(S) 4-Bromofluorobenzene	*94.5*		*77.0-126*		*05/13/2025 15:33*	WG2513871
(S) 1,2-Dichloroethane-d4	*100*		*70.0-130*		*05/13/2025 15:33*	WG2513871

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		200	2	05/13/2025 21:33	WG2513812
C28-C36 Motor Oil Range	249		200	2	05/13/2025 21:33	WG2513812
(S) o-Terphenyl	*107*		*52.0-156*		*05/13/2025 21:33*	WG2513812

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acenaphthene	ND		1.00	1	05/14/2025 01:25	WG2513804
Acenaphthylene	ND		1.00	1	05/14/2025 01:25	WG2513804
Anthracene	ND		1.00	1	05/14/2025 01:25	WG2513804
Benzidine	ND	J4	10.0	1	05/14/2025 01:25	WG2513804
Benzo(a)anthracene	ND		1.00	1	05/14/2025 01:25	WG2513804
Benzo(b)fluoranthene	ND		1.00	1	05/14/2025 01:25	WG2513804
Benzo(k)fluoranthene	ND		1.00	1	05/14/2025 01:25	WG2513804
Benzo(g,h,i)perylene	ND		1.00	1	05/14/2025 01:25	WG2513804
Benzo(a)pyrene	ND		1.00	1	05/14/2025 01:25	WG2513804
Bis(2-chlorethoxy)methane	ND		10.0	1	05/14/2025 01:25	WG2513804
Bis(2-chloroethyl)ether	ND		10.0	1	05/14/2025 01:25	WG2513804
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	05/14/2025 01:25	WG2513804

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
4-Bromophenyl-phenylether	ND		10.0	1	05/14/2025 01:25	WG2513804
2-Chloronaphthalene	ND		1.00	1	05/14/2025 01:25	WG2513804
4-Chlorophenyl-phenylether	ND		10.0	1	05/14/2025 01:25	WG2513804
Chrysene	ND		1.00	1	05/14/2025 01:25	WG2513804
Dibenz(a,h)anthracene	ND		1.00	1	05/14/2025 01:25	WG2513804
1,2-Dichlorobenzene	ND		10.0	1	05/14/2025 01:25	WG2513804
1,3-Dichlorobenzene	ND		10.0	1	05/14/2025 01:25	WG2513804
1,4-Dichlorobenzene	ND		10.0	1	05/14/2025 01:25	WG2513804
3,3-Dichlorobenzidine	ND		10.0	1	05/14/2025 01:25	WG2513804
2,4-Dinitrotoluene	ND		10.0	1	05/14/2025 01:25	WG2513804
2,6-Dinitrotoluene	ND		10.0	1	05/14/2025 01:25	WG2513804
Fluoranthene	ND		1.00	1	05/14/2025 01:25	WG2513804
Fluorene	ND		1.00	1	05/14/2025 01:25	WG2513804
Hexachlorobenzene	ND		1.00	1	05/14/2025 01:25	WG2513804
Hexachloro-1,3-butadiene	ND		10.0	1	05/14/2025 01:25	WG2513804
Hexachlorocyclopentadiene	ND		10.0	1	05/14/2025 01:25	WG2513804
Hexachloroethane	ND		10.0	1	05/14/2025 01:25	WG2513804
Indeno(1,2,3-cd)pyrene	ND		1.00	1	05/14/2025 01:25	WG2513804
Isophorone	ND		10.0	1	05/14/2025 01:25	WG2513804
1-Methylnaphthalene	ND		1.00	1	05/14/2025 01:25	WG2513804
2-Methylnaphthalene	ND		1.00	1	05/14/2025 01:25	WG2513804
Naphthalene	ND		1.00	1	05/14/2025 01:25	WG2513804
Nitrobenzene	ND		10.0	1	05/14/2025 01:25	WG2513804
n-Nitrosodimethylamine	ND		10.0	1	05/14/2025 01:25	WG2513804
n-Nitrosodiphenylamine	ND		10.0	1	05/14/2025 01:25	WG2513804
n-Nitrosodi-n-propylamine	ND		10.0	1	05/14/2025 01:25	WG2513804
Phenanthrene	ND		1.00	1	05/14/2025 01:25	WG2513804
Benzylbutyl phthalate	ND		3.00	1	05/14/2025 01:25	WG2513804
Bis(2-ethylhexyl)phthalate	ND		3.00	1	05/14/2025 01:25	WG2513804
Di-n-butyl phthalate	ND		3.00	1	05/14/2025 01:25	WG2513804
Diethyl phthalate	ND		3.00	1	05/14/2025 01:25	WG2513804
Dimethyl phthalate	ND		3.00	1	05/14/2025 01:25	WG2513804
Di-n-octyl phthalate	ND		3.00	1	05/14/2025 01:25	WG2513804
Pyrene	ND		1.00	1	05/14/2025 01:25	WG2513804
1,2,4-Trichlorobenzene	ND		10.0	1	05/14/2025 01:25	WG2513804
4-Chloro-3-methylphenol	ND		10.0	1	05/14/2025 01:25	WG2513804
2-Chlorophenol	ND		10.0	1	05/14/2025 01:25	WG2513804
2,4-Dichlorophenol	ND		10.0	1	05/14/2025 01:25	WG2513804
2,4-Dimethylphenol	ND		10.0	1	05/14/2025 01:25	WG2513804
4,6-Dinitro-2-methylphenol	ND		10.0	1	05/14/2025 01:25	WG2513804
2,4-Dinitrophenol	ND		10.0	1	05/14/2025 01:25	WG2513804
2-Nitrophenol	ND		10.0	1	05/14/2025 01:25	WG2513804
4-Nitrophenol	ND		10.0	1	05/14/2025 01:25	WG2513804
Pentachlorophenol	ND		10.0	1	05/14/2025 01:25	WG2513804
Phenol	ND		10.0	1	05/14/2025 01:25	WG2513804
2,4,6-Trichlorophenol	ND		10.0	1	05/14/2025 01:25	WG2513804
(S) 2-Fluorophenol	*41.0*		*10.0-120*		*05/14/2025 01:25*	WG2513804
(S) Phenol-d5	*26.5*		*10.0-120*		*05/14/2025 01:25*	WG2513804
(S) Nitrobenzene-d5	*73.2*		*10.0-127*		*05/14/2025 01:25*	WG2513804
(S) 2-Fluorobiphenyl	*60.0*		*10.0-130*		*05/14/2025 01:25*	WG2513804
(S) 2,4,6-Tribromophenol	*54.6*		*10.0-155*		*05/14/2025 01:25*	WG2513804
(S) p-Terphenyl-d14	*53.0*		*10.0-128*		*05/14/2025 01:25*	WG2513804

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/13/2025 15:53	WG2513871
Acrolein	ND		50.0	1	05/13/2025 15:53	WG2513871
Acrylonitrile	ND		10.0	1	05/13/2025 15:53	WG2513871
Benzene	ND		1.00	1	05/13/2025 15:53	WG2513871
Bromobenzene	ND		1.00	1	05/13/2025 15:53	WG2513871
Bromodichloromethane	ND		1.00	1	05/13/2025 15:53	WG2513871
Bromoform	ND		1.00	1	05/13/2025 15:53	WG2513871
Bromomethane	ND		5.00	1	05/13/2025 15:53	WG2513871
n-Butylbenzene	ND		1.00	1	05/13/2025 15:53	WG2513871
sec-Butylbenzene	ND		1.00	1	05/13/2025 15:53	WG2513871
tert-Butylbenzene	ND		1.00	1	05/13/2025 15:53	WG2513871
Carbon tetrachloride	ND		1.00	1	05/13/2025 15:53	WG2513871
Chlorobenzene	ND		1.00	1	05/13/2025 15:53	WG2513871
Chlorodibromomethane	ND		1.00	1	05/13/2025 15:53	WG2513871
Chloroethane	ND		5.00	1	05/13/2025 15:53	WG2513871
Chloroform	ND		5.00	1	05/13/2025 15:53	WG2513871
Chloromethane	ND		2.50	1	05/13/2025 15:53	WG2513871
2-Chlorotoluene	ND		1.00	1	05/13/2025 15:53	WG2513871
4-Chlorotoluene	ND		1.00	1	05/13/2025 15:53	WG2513871
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/13/2025 15:53	WG2513871
1,2-Dibromoethane	ND		1.00	1	05/13/2025 15:53	WG2513871
Dibromomethane	ND		1.00	1	05/13/2025 15:53	WG2513871
1,2-Dichlorobenzene	ND		1.00	1	05/13/2025 15:53	WG2513871
1,3-Dichlorobenzene	ND		1.00	1	05/13/2025 15:53	WG2513871
1,4-Dichlorobenzene	ND		1.00	1	05/13/2025 15:53	WG2513871
Dichlorodifluoromethane	ND	C3	5.00	1	05/13/2025 15:53	WG2513871
1,1-Dichloroethane	ND		1.00	1	05/13/2025 15:53	WG2513871
1,2-Dichloroethane	ND		1.00	1	05/13/2025 15:53	WG2513871
1,1-Dichloroethene	ND		1.00	1	05/13/2025 15:53	WG2513871
cis-1,2-Dichloroethene	ND		1.00	1	05/13/2025 15:53	WG2513871
trans-1,2-Dichloroethene	ND		1.00	1	05/13/2025 15:53	WG2513871
1,2-Dichloropropane	ND		1.00	1	05/13/2025 15:53	WG2513871
1,1-Dichloropropene	ND		1.00	1	05/13/2025 15:53	WG2513871
1,3-Dichloropropane	ND		1.00	1	05/13/2025 15:53	WG2513871
cis-1,3-Dichloropropene	ND		1.00	1	05/13/2025 15:53	WG2513871
trans-1,3-Dichloropropene	ND		1.00	1	05/13/2025 15:53	WG2513871
2,2-Dichloropropane	ND		1.00	1	05/13/2025 15:53	WG2513871
Di-isopropyl ether	ND		1.00	1	05/13/2025 15:53	WG2513871
Ethylbenzene	ND		1.00	1	05/13/2025 15:53	WG2513871
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2025 15:53	WG2513871
Isopropylbenzene	ND		1.00	1	05/13/2025 15:53	WG2513871
p-Isopropyltoluene	ND		1.00	1	05/13/2025 15:53	WG2513871
2-Butanone (MEK)	ND		10.0	1	05/13/2025 15:53	WG2513871
Methylene Chloride	ND		5.00	1	05/13/2025 15:53	WG2513871
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/13/2025 15:53	WG2513871
Methyl tert-butyl ether	ND		1.00	1	05/13/2025 15:53	WG2513871
Naphthalene	ND		5.00	1	05/13/2025 15:53	WG2513871
n-Propylbenzene	ND		1.00	1	05/13/2025 15:53	WG2513871
Styrene	ND		1.00	1	05/13/2025 15:53	WG2513871
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/13/2025 15:53	WG2513871
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/13/2025 15:53	WG2513871
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/13/2025 15:53	WG2513871
Tetrachloroethene	ND		1.00	1	05/13/2025 15:53	WG2513871
Toluene	ND		1.00	1	05/13/2025 15:53	WG2513871
1,2,3-Trichlorobenzene	ND		1.00	1	05/13/2025 15:53	WG2513871
1,2,4-Trichlorobenzene	ND		1.00	1	05/13/2025 15:53	WG2513871

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	05/13/2025 15:53	WG2513871
1,1,2-Trichloroethane	ND		1.00	1	05/13/2025 15:53	WG2513871
Trichloroethene	ND		1.00	1	05/13/2025 15:53	WG2513871
Trichlorofluoromethane	ND		5.00	1	05/13/2025 15:53	WG2513871
1,2,3-Trichloropropane	ND		2.50	1	05/13/2025 15:53	WG2513871
1,2,4-Trimethylbenzene	ND		1.00	1	05/13/2025 15:53	WG2513871
1,2,3-Trimethylbenzene	ND		1.00	1	05/13/2025 15:53	WG2513871
1,3,5-Trimethylbenzene	ND		1.00	1	05/13/2025 15:53	WG2513871
Vinyl chloride	ND		1.00	1	05/13/2025 15:53	WG2513871
Xylenes, Total	ND		3.00	1	05/13/2025 15:53	WG2513871
(S) Toluene-d8	*102*		*80.0-120*		*05/13/2025 15:53*	WG2513871
(S) 4-Bromofluorobenzene	*94.4*		*77.0-126*		*05/13/2025 15:53*	WG2513871
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*05/13/2025 15:53*	WG2513871

Calculated Results

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Total Nitrogen	5960		250	1	05/14/2025 16:08	WG2513932

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Dissolved Solids	2910000		50000	1	05/13/2025 21:52	WG2513941

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Suspended Solids	46000		5000	1	05/13/2025 15:10	WG2513799

Wet Chemistry by Method 130.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Hardness (colorimetric) as CaCO3	1540000		150000	5	05/14/2025 13:18	WG2514015

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	487000		20000	1	05/13/2025 15:13	WG2513952

Sample Narrative:

L1858014-13 WG2513952: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Bromide	ND		5000	5	05/13/2025 19:03	WG2513712
Chloride	111000		5000	5	05/13/2025 19:03	WG2513712
Fluoride	1130		750	5	05/13/2025 19:03	WG2513712
Nitrate as (N)	3320		500	5	05/13/2025 19:03	WG2513712
Nitrite as (N)	ND		500	5	05/13/2025 19:03	WG2513712
Sulfate	1470000		250000	50	05/13/2025 19:17	WG2513712

Sample Narrative:

L1858014-13 WG2513712: Dilution due to matrix impact on instrumentation at lower dilution

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Ammonia Nitrogen	163		100	1	05/13/2025 15:56	WG2513792

Wet Chemistry by Method 351.2

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Kjeldahl Nitrogen, TKN	2240		250	1	05/14/2025 16:08	WG2513932

Wet Chemistry by Method 365.4

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Phosphorus,Total	237		100	1	05/14/2025 16:07	WG2515004

Wet Chemistry by Method 5310 B-2014

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	17300		1000	1	05/13/2025 18:51	WG2513836

Wet Chemistry by Method 5540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
MBAS	ND		100	1	05/13/2025 16:04	WG2513929

Wet Chemistry by Method 7199

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	05/13/2025 19:15	WG2513895

Wet Chemistry by Method 9040C

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.21	T8	1	05/13/2025 14:27	WG2513600

Sample Narrative:

L1858014-13 WG2513600: 8.21 at 20.6C

Mercury by Method 7470A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	05/13/2025 18:57	WG2513837

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Aluminum	334		100	1	05/13/2025 19:40	WG2513902
Aluminum,Dissolved	ND		100	1	05/13/2025 17:18	WG2513898
Antimony	ND		4.00	1	05/13/2025 19:40	WG2513902
Arsenic	2.31		2.00	1	05/13/2025 19:40	WG2513902
Arsenic,Dissolved	2.00		2.00	1	05/13/2025 17:18	WG2513898
Barium	45.5		2.00	1	05/13/2025 19:40	WG2513902
Beryllium	ND		2.00	1	05/13/2025 20:26	WG2513902
Boron	618		150	5	05/13/2025 22:51	WG2513902
Cadmium	ND		1.00	1	05/13/2025 19:40	WG2513902
Cadmium,Dissolved	ND		1.00	1	05/13/2025 17:18	WG2513898
Calcium	312000		1000	1	05/13/2025 19:40	WG2513902
Chromium	ND		2.00	1	05/13/2025 19:40	WG2513902
Chromium,Dissolved	ND		2.00	1	05/13/2025 17:18	WG2513898
Copper	ND		5.00	1	05/13/2025 19:40	WG2513902
Copper,Dissolved	ND		5.00	1	05/13/2025 17:18	WG2513898
Cobalt	2.47		2.00	1	05/13/2025 19:40	WG2513902
Iron	558		100	1	05/13/2025 19:40	WG2513902
Lead	ND		2.00	1	05/13/2025 19:40	WG2513902
Lead,Dissolved	ND		2.00	1	05/13/2025 17:18	WG2513898
Magnesium	177000		1000	1	05/13/2025 19:40	WG2513902
Manganese	1740		5.00	1	05/13/2025 19:40	WG2513902
Manganese,Dissolved	1660		5.00	1	05/13/2025 17:18	WG2513898
Nickel	6.00		2.00	1	05/13/2025 19:40	WG2513902
Nickel,Dissolved	5.97		2.00	1	05/13/2025 17:18	WG2513898
Potassium	13400		2000	1	05/13/2025 19:40	WG2513902
Selenium	4.86		2.00	1	05/13/2025 19:40	WG2513902

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Selenium,Dissolved	4.95		2.00	1	05/13/2025 17:18	WG2513898
Silver	ND		2.00	1	05/13/2025 19:40	WG2513902
Silver,Dissolved	ND		2.00	1	05/13/2025 17:18	WG2513898
Sodium	307000		2000	1	05/13/2025 19:40	WG2513902
Thallium	ND		2.00	1	05/13/2025 19:40	WG2513902
Vanadium	ND		5.00	1	05/13/2025 19:40	WG2513902
Zinc	ND		25.0	1	05/13/2025 19:40	WG2513902
Zinc,Dissolved	ND		25.0	1	05/13/2025 17:18	WG2513898

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		100	1	05/13/2025 16:11	WG2513915
(S) a,a,a-Trifluorotoluene(FID)	*102*		*78.0-120*		*05/13/2025 16:11*	WG2513915

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/13/2025 16:14	WG2513871
Acrolein	ND		50.0	1	05/13/2025 16:14	WG2513871
Acrylonitrile	ND		10.0	1	05/13/2025 16:14	WG2513871
Benzene	ND		1.00	1	05/13/2025 16:14	WG2513871
Bromobenzene	ND		1.00	1	05/13/2025 16:14	WG2513871
Bromodichloromethane	ND		1.00	1	05/13/2025 16:14	WG2513871
Bromoform	ND		1.00	1	05/13/2025 16:14	WG2513871
Bromomethane	ND		5.00	1	05/13/2025 16:14	WG2513871
n-Butylbenzene	ND		1.00	1	05/13/2025 16:14	WG2513871
sec-Butylbenzene	ND		1.00	1	05/13/2025 16:14	WG2513871
tert-Butylbenzene	ND		1.00	1	05/13/2025 16:14	WG2513871
Carbon tetrachloride	ND		1.00	1	05/13/2025 16:14	WG2513871
Chlorobenzene	ND		1.00	1	05/13/2025 16:14	WG2513871
Chlorodibromomethane	ND		1.00	1	05/13/2025 16:14	WG2513871
Chloroethane	ND		5.00	1	05/13/2025 16:14	WG2513871
Chloroform	ND		5.00	1	05/13/2025 16:14	WG2513871
Chloromethane	ND		2.50	1	05/13/2025 16:14	WG2513871
2-Chlorotoluene	ND		1.00	1	05/13/2025 16:14	WG2513871
4-Chlorotoluene	ND		1.00	1	05/13/2025 16:14	WG2513871
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/13/2025 16:14	WG2513871
1,2-Dibromoethane	ND		1.00	1	05/13/2025 16:14	WG2513871
Dibromomethane	ND		1.00	1	05/13/2025 16:14	WG2513871
1,2-Dichlorobenzene	ND		1.00	1	05/13/2025 16:14	WG2513871
1,3-Dichlorobenzene	ND		1.00	1	05/13/2025 16:14	WG2513871
1,4-Dichlorobenzene	ND		1.00	1	05/13/2025 16:14	WG2513871
Dichlorodifluoromethane	ND	C3	5.00	1	05/13/2025 16:14	WG2513871
1,1-Dichloroethane	ND		1.00	1	05/13/2025 16:14	WG2513871
1,2-Dichloroethane	ND		1.00	1	05/13/2025 16:14	WG2513871
1,1-Dichloroethene	ND		1.00	1	05/13/2025 16:14	WG2513871
cis-1,2-Dichloroethene	ND		1.00	1	05/13/2025 16:14	WG2513871
trans-1,2-Dichloroethene	ND		1.00	1	05/13/2025 16:14	WG2513871
1,2-Dichloropropane	ND		1.00	1	05/13/2025 16:14	WG2513871
1,1-Dichloropropene	ND		1.00	1	05/13/2025 16:14	WG2513871
1,3-Dichloropropane	ND		1.00	1	05/13/2025 16:14	WG2513871
cis-1,3-Dichloropropene	ND		1.00	1	05/13/2025 16:14	WG2513871
trans-1,3-Dichloropropene	ND		1.00	1	05/13/2025 16:14	WG2513871
2,2-Dichloropropane	ND		1.00	1	05/13/2025 16:14	WG2513871

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Di-isopropyl ether	ND		1.00	1	05/13/2025 16:14	WG2513871
Ethylbenzene	ND		1.00	1	05/13/2025 16:14	WG2513871
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2025 16:14	WG2513871
Isopropylbenzene	ND		1.00	1	05/13/2025 16:14	WG2513871
p-Isopropyltoluene	ND		1.00	1	05/13/2025 16:14	WG2513871
2-Butanone (MEK)	ND		10.0	1	05/13/2025 16:14	WG2513871
Methylene Chloride	ND		5.00	1	05/13/2025 16:14	WG2513871
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/13/2025 16:14	WG2513871
Methyl tert-butyl ether	ND		1.00	1	05/13/2025 16:14	WG2513871
Naphthalene	ND		5.00	1	05/13/2025 16:14	WG2513871
n-Propylbenzene	ND		1.00	1	05/13/2025 16:14	WG2513871
Styrene	ND		1.00	1	05/13/2025 16:14	WG2513871
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/13/2025 16:14	WG2513871
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/13/2025 16:14	WG2513871
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/13/2025 16:14	WG2513871
Tetrachloroethene	ND		1.00	1	05/13/2025 16:14	WG2513871
Toluene	ND		1.00	1	05/13/2025 16:14	WG2513871
1,2,3-Trichlorobenzene	ND		1.00	1	05/13/2025 16:14	WG2513871
1,2,4-Trichlorobenzene	ND		1.00	1	05/13/2025 16:14	WG2513871
1,1,1-Trichloroethane	ND		1.00	1	05/13/2025 16:14	WG2513871
1,1,2-Trichloroethane	ND		1.00	1	05/13/2025 16:14	WG2513871
Trichloroethene	ND		1.00	1	05/13/2025 16:14	WG2513871
Trichlorofluoromethane	ND		5.00	1	05/13/2025 16:14	WG2513871
1,2,3-Trichloropropane	ND		2.50	1	05/13/2025 16:14	WG2513871
1,2,4-Trimethylbenzene	ND		1.00	1	05/13/2025 16:14	WG2513871
1,2,3-Trimethylbenzene	ND		1.00	1	05/13/2025 16:14	WG2513871
1,3,5-Trimethylbenzene	ND		1.00	1	05/13/2025 16:14	WG2513871
Vinyl chloride	ND		1.00	1	05/13/2025 16:14	WG2513871
Xylenes, Total	ND		3.00	1	05/13/2025 16:14	WG2513871
(S) Toluene-d8	*102*		*80.0-120*		*05/13/2025 16:14*	WG2513871
(S) 4-Bromofluorobenzene	*94.1*		*77.0-126*		*05/13/2025 16:14*	WG2513871
(S) 1,2-Dichloroethane-d4	*100*		*70.0-130*		*05/13/2025 16:14*	WG2513871

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	249		100	1	05/13/2025 21:55	WG2513812
C28-C36 Motor Oil Range	532		100	1	05/13/2025 21:55	WG2513812
(S) o-Terphenyl	*119*		*52.0-156*		*05/13/2025 21:55*	WG2513812

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acenaphthene	ND		1.02	1.02	05/14/2025 01:46	WG2513804
Acenaphthylene	ND		1.02	1.02	05/14/2025 01:46	WG2513804
Anthracene	ND		1.02	1.02	05/14/2025 01:46	WG2513804
Benzidine	ND	J4	10.2	1.02	05/14/2025 01:46	WG2513804
Benzo(a)anthracene	ND		1.02	1.02	05/14/2025 01:46	WG2513804
Benzo(b)fluoranthene	ND		1.02	1.02	05/14/2025 01:46	WG2513804
Benzo(k)fluoranthene	ND		1.02	1.02	05/14/2025 01:46	WG2513804
Benzo(g,h,i)perylene	ND		1.02	1.02	05/14/2025 01:46	WG2513804
Benzo(a)pyrene	ND		1.02	1.02	05/14/2025 01:46	WG2513804
Bis(2-chlorethoxy)methane	ND		10.2	1.02	05/14/2025 01:46	WG2513804
Bis(2-chloroethyl)ether	ND		10.2	1.02	05/14/2025 01:46	WG2513804
2,2-Oxybis(1-Chloropropane)	ND		10.2	1.02	05/14/2025 01:46	WG2513804

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
4-Bromophenyl-phenylether	ND		10.2	1.02	05/14/2025 01:46	WG2513804
2-Chloronaphthalene	ND		1.02	1.02	05/14/2025 01:46	WG2513804
4-Chlorophenyl-phenylether	ND		10.2	1.02	05/14/2025 01:46	WG2513804
Chrysene	ND		1.02	1.02	05/14/2025 01:46	WG2513804
Dibenz(a,h)anthracene	ND		1.02	1.02	05/14/2025 01:46	WG2513804
1,2-Dichlorobenzene	ND		10.2	1.02	05/14/2025 01:46	WG2513804
1,3-Dichlorobenzene	ND		10.2	1.02	05/14/2025 01:46	WG2513804
1,4-Dichlorobenzene	ND		10.2	1.02	05/14/2025 01:46	WG2513804
3,3-Dichlorobenzidine	ND		10.2	1.02	05/14/2025 01:46	WG2513804
2,4-Dinitrotoluene	ND		10.2	1.02	05/14/2025 01:46	WG2513804
2,6-Dinitrotoluene	ND		10.2	1.02	05/14/2025 01:46	WG2513804
Fluoranthene	ND		1.02	1.02	05/14/2025 01:46	WG2513804
Fluorene	ND		1.02	1.02	05/14/2025 01:46	WG2513804
Hexachlorobenzene	ND		1.02	1.02	05/14/2025 01:46	WG2513804
Hexachloro-1,3-butadiene	ND		10.2	1.02	05/14/2025 01:46	WG2513804
Hexachlorocyclopentadiene	ND		10.2	1.02	05/14/2025 01:46	WG2513804
Hexachloroethane	ND		10.2	1.02	05/14/2025 01:46	WG2513804
Indeno(1,2,3-cd)pyrene	ND		1.02	1.02	05/14/2025 01:46	WG2513804
Isophorone	ND		10.2	1.02	05/14/2025 01:46	WG2513804
1-Methylnaphthalene	ND		1.02	1.02	05/14/2025 01:46	WG2513804
2-Methylnaphthalene	ND		1.02	1.02	05/14/2025 01:46	WG2513804
Naphthalene	ND		1.02	1.02	05/14/2025 01:46	WG2513804
Nitrobenzene	ND		10.2	1.02	05/14/2025 01:46	WG2513804
n-Nitrosodimethylamine	ND		10.2	1.02	05/14/2025 01:46	WG2513804
n-Nitrosodiphenylamine	ND		10.2	1.02	05/14/2025 01:46	WG2513804
n-Nitrosodi-n-propylamine	ND		10.2	1.02	05/14/2025 01:46	WG2513804
Phenanthrene	ND		1.02	1.02	05/14/2025 01:46	WG2513804
Benzylbutyl phthalate	ND		3.06	1.02	05/14/2025 01:46	WG2513804
Bis(2-ethylhexyl)phthalate	ND		3.06	1.02	05/14/2025 01:46	WG2513804
Di-n-butyl phthalate	ND		3.06	1.02	05/14/2025 01:46	WG2513804
Diethyl phthalate	ND		3.06	1.02	05/14/2025 01:46	WG2513804
Dimethyl phthalate	ND		3.06	1.02	05/14/2025 01:46	WG2513804
Di-n-octyl phthalate	ND		3.06	1.02	05/14/2025 01:46	WG2513804
Pyrene	ND		1.02	1.02	05/14/2025 01:46	WG2513804
1,2,4-Trichlorobenzene	ND		10.2	1.02	05/14/2025 01:46	WG2513804
4-Chloro-3-methylphenol	ND		10.2	1.02	05/14/2025 01:46	WG2513804
2-Chlorophenol	ND		10.2	1.02	05/14/2025 01:46	WG2513804
2,4-Dichlorophenol	ND		10.2	1.02	05/14/2025 01:46	WG2513804
2,4-Dimethylphenol	ND		10.2	1.02	05/14/2025 01:46	WG2513804
4,6-Dinitro-2-methylphenol	ND		10.2	1.02	05/14/2025 01:46	WG2513804
2,4-Dinitrophenol	ND		10.2	1.02	05/14/2025 01:46	WG2513804
2-Nitrophenol	ND		10.2	1.02	05/14/2025 01:46	WG2513804
4-Nitrophenol	ND		10.2	1.02	05/14/2025 01:46	WG2513804
Pentachlorophenol	ND		10.2	1.02	05/14/2025 01:46	WG2513804
Phenol	ND		10.2	1.02	05/14/2025 01:46	WG2513804
2,4,6-Trichlorophenol	ND		10.2	1.02	05/14/2025 01:46	WG2513804
(S) 2-Fluorophenol	*52.9*		*10.0-120*		*05/14/2025 01:46*	WG2513804
(S) Phenol-d5	*33.0*		*10.0-120*		*05/14/2025 01:46*	WG2513804
(S) Nitrobenzene-d5	*84.1*		*10.0-127*		*05/14/2025 01:46*	WG2513804
(S) 2-Fluorobiphenyl	*78.7*		*10.0-130*		*05/14/2025 01:46*	WG2513804
(S) 2,4,6-Tribromophenol	*69.6*		*10.0-155*		*05/14/2025 01:46*	WG2513804
(S) p-Terphenyl-d14	*72.7*		*10.0-128*		*05/14/2025 01:46*	WG2513804

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/13/2025 16:34	WG2513871
Acrolein	ND		50.0	1	05/13/2025 16:34	WG2513871
Acrylonitrile	ND		10.0	1	05/13/2025 16:34	WG2513871
Benzene	ND		1.00	1	05/13/2025 16:34	WG2513871
Bromobenzene	ND		1.00	1	05/13/2025 16:34	WG2513871
Bromodichloromethane	ND		1.00	1	05/13/2025 16:34	WG2513871
Bromoform	ND		1.00	1	05/13/2025 16:34	WG2513871
Bromomethane	ND		5.00	1	05/13/2025 16:34	WG2513871
n-Butylbenzene	ND		1.00	1	05/13/2025 16:34	WG2513871
sec-Butylbenzene	ND		1.00	1	05/13/2025 16:34	WG2513871
tert-Butylbenzene	ND		1.00	1	05/13/2025 16:34	WG2513871
Carbon tetrachloride	ND		1.00	1	05/13/2025 16:34	WG2513871
Chlorobenzene	ND		1.00	1	05/13/2025 16:34	WG2513871
Chlorodibromomethane	ND		1.00	1	05/13/2025 16:34	WG2513871
Chloroethane	ND		5.00	1	05/13/2025 16:34	WG2513871
Chloroform	ND		5.00	1	05/13/2025 16:34	WG2513871
Chloromethane	ND		2.50	1	05/13/2025 16:34	WG2513871
2-Chlorotoluene	ND		1.00	1	05/13/2025 16:34	WG2513871
4-Chlorotoluene	ND		1.00	1	05/13/2025 16:34	WG2513871
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/13/2025 16:34	WG2513871
1,2-Dibromoethane	ND		1.00	1	05/13/2025 16:34	WG2513871
Dibromomethane	ND		1.00	1	05/13/2025 16:34	WG2513871
1,2-Dichlorobenzene	ND		1.00	1	05/13/2025 16:34	WG2513871
1,3-Dichlorobenzene	ND		1.00	1	05/13/2025 16:34	WG2513871
1,4-Dichlorobenzene	ND		1.00	1	05/13/2025 16:34	WG2513871
Dichlorodifluoromethane	ND	C3	5.00	1	05/13/2025 16:34	WG2513871
1,1-Dichloroethane	ND		1.00	1	05/13/2025 16:34	WG2513871
1,2-Dichloroethane	ND		1.00	1	05/13/2025 16:34	WG2513871
1,1-Dichloroethene	ND		1.00	1	05/13/2025 16:34	WG2513871
cis-1,2-Dichloroethene	ND		1.00	1	05/13/2025 16:34	WG2513871
trans-1,2-Dichloroethene	ND		1.00	1	05/13/2025 16:34	WG2513871
1,2-Dichloropropane	ND		1.00	1	05/13/2025 16:34	WG2513871
1,1-Dichloropropene	ND		1.00	1	05/13/2025 16:34	WG2513871
1,3-Dichloropropane	ND		1.00	1	05/13/2025 16:34	WG2513871
cis-1,3-Dichloropropene	ND		1.00	1	05/13/2025 16:34	WG2513871
trans-1,3-Dichloropropene	ND		1.00	1	05/13/2025 16:34	WG2513871
2,2-Dichloropropane	ND		1.00	1	05/13/2025 16:34	WG2513871
Di-isopropyl ether	ND		1.00	1	05/13/2025 16:34	WG2513871
Ethylbenzene	ND		1.00	1	05/13/2025 16:34	WG2513871
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2025 16:34	WG2513871
Isopropylbenzene	ND		1.00	1	05/13/2025 16:34	WG2513871
p-Isopropyltoluene	ND		1.00	1	05/13/2025 16:34	WG2513871
2-Butanone (MEK)	ND		10.0	1	05/13/2025 16:34	WG2513871
Methylene Chloride	ND		5.00	1	05/13/2025 16:34	WG2513871
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/13/2025 16:34	WG2513871
Methyl tert-butyl ether	ND		1.00	1	05/13/2025 16:34	WG2513871
Naphthalene	ND		5.00	1	05/13/2025 16:34	WG2513871
n-Propylbenzene	ND		1.00	1	05/13/2025 16:34	WG2513871
Styrene	ND		1.00	1	05/13/2025 16:34	WG2513871
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/13/2025 16:34	WG2513871
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/13/2025 16:34	WG2513871
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/13/2025 16:34	WG2513871
Tetrachloroethene	ND		1.00	1	05/13/2025 16:34	WG2513871
Toluene	ND		1.00	1	05/13/2025 16:34	WG2513871
1,2,3-Trichlorobenzene	ND		1.00	1	05/13/2025 16:34	WG2513871
1,2,4-Trichlorobenzene	ND		1.00	1	05/13/2025 16:34	WG2513871

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	05/13/2025 16:34	WG2513871
1,1,2-Trichloroethane	ND		1.00	1	05/13/2025 16:34	WG2513871
Trichloroethene	ND		1.00	1	05/13/2025 16:34	WG2513871
Trichlorofluoromethane	ND		5.00	1	05/13/2025 16:34	WG2513871
1,2,3-Trichloropropane	ND		2.50	1	05/13/2025 16:34	WG2513871
1,2,4-Trimethylbenzene	ND		1.00	1	05/13/2025 16:34	WG2513871
1,2,3-Trimethylbenzene	ND		1.00	1	05/13/2025 16:34	WG2513871
1,3,5-Trimethylbenzene	ND		1.00	1	05/13/2025 16:34	WG2513871
Vinyl chloride	ND		1.00	1	05/13/2025 16:34	WG2513871
Xylenes, Total	ND		3.00	1	05/13/2025 16:34	WG2513871
(S) Toluene-d8	*103*		*80.0-120*		*05/13/2025 16:34*	WG2513871
(S) 4-Bromofluorobenzene	*95.4*		*77.0-126*		*05/13/2025 16:34*	WG2513871
(S) 1,2-Dichloroethane-d4	*99.3*		*70.0-130*		*05/13/2025 16:34*	WG2513871

Calculated Results

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Total Nitrogen	2330		250	1	05/14/2025 16:09	WG2513932

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Dissolved Solids	2460000		50000	1	05/13/2025 21:52	WG2513941

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Suspended Solids	17500		3130	1	05/13/2025 15:10	WG2513799

Wet Chemistry by Method 130.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Hardness (colorimetric) as CaCO3	1360000		150000	5	05/14/2025 13:19	WG2514015

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	445000		20000	1	05/13/2025 15:17	WG2513952

Sample Narrative:

L1858014-15 WG2513952: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Bromide	ND		5000	5	05/13/2025 19:30	WG2513712
Chloride	95800		5000	5	05/13/2025 19:30	WG2513712
Fluoride	987		750	5	05/13/2025 19:30	WG2513712
Nitrate as (N)	833		500	5	05/13/2025 19:30	WG2513712
Nitrite as (N)	ND		500	5	05/13/2025 19:30	WG2513712
Sulfate	1220000		250000	50	05/13/2025 19:44	WG2513712

Sample Narrative:

L1858014-15 WG2513712: Dilution due to matrix impact on instrumentation at lower dilution

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Ammonia Nitrogen	228		100	1	05/13/2025 15:58	WG2513792

Wet Chemistry by Method 351.2

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Kjeldahl Nitrogen, TKN	1500		250	1	05/14/2025 16:09	WG2513932

Wet Chemistry by Method 365.4

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Phosphorus,Total	189		100	1	05/14/2025 16:08	WG2515004

Wet Chemistry by Method 5310 B-2014

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	13800		1000	1	05/13/2025 19:15	WG2513836

Wet Chemistry by Method 5540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
MBAS	ND		100	1	05/13/2025 16:05	WG2513929

Wet Chemistry by Method 7199

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	05/13/2025 19:27	WG2513895

Wet Chemistry by Method 9040C

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.88	T8	1	05/13/2025 14:27	WG2513600

Sample Narrative:

L1858014-15 WG2513600: 7.88 at 20.5C

Mercury by Method 7470A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	05/13/2025 18:59	WG2513837

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Aluminum	164		100	1	05/13/2025 19:43	WG2513902
Aluminum,Dissolved	ND		100	1	05/13/2025 17:22	WG2513898
Antimony	ND		4.00	1	05/13/2025 19:43	WG2513902
Arsenic	ND		2.00	1	05/13/2025 19:43	WG2513902
Arsenic,Dissolved	ND		2.00	1	05/13/2025 17:22	WG2513898
Barium	38.0		2.00	1	05/13/2025 19:43	WG2513902
Beryllium	ND		2.00	1	05/13/2025 20:29	WG2513902
Boron	455		150	5	05/13/2025 23:11	WG2513902
Cadmium	ND		1.00	1	05/13/2025 19:43	WG2513902
Cadmium,Dissolved	ND		1.00	1	05/13/2025 17:22	WG2513898
Calcium	271000		1000	1	05/13/2025 19:43	WG2513902
Chromium	ND		2.00	1	05/13/2025 19:43	WG2513902
Chromium,Dissolved	ND		2.00	1	05/13/2025 17:22	WG2513898
Copper	ND		5.00	1	05/13/2025 19:43	WG2513902
Copper,Dissolved	ND		5.00	1	05/13/2025 17:22	WG2513898
Cobalt	ND		2.00	1	05/13/2025 19:43	WG2513902
Iron	464		100	1	05/13/2025 19:43	WG2513902
Lead	ND		2.00	1	05/13/2025 19:43	WG2513902
Lead,Dissolved	ND		2.00	1	05/13/2025 17:22	WG2513898
Magnesium	147000		1000	1	05/13/2025 19:43	WG2513902
Manganese	1260		5.00	1	05/13/2025 19:43	WG2513902
Manganese,Dissolved	1300		5.00	1	05/13/2025 17:22	WG2513898
Nickel	4.95		2.00	1	05/13/2025 19:43	WG2513902
Nickel,Dissolved	5.01		2.00	1	05/13/2025 17:22	WG2513898
Potassium	10800		2000	1	05/13/2025 19:43	WG2513902
Selenium	2.40		2.00	1	05/13/2025 19:43	WG2513902

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Selenium,Dissolved	2.08		2.00	1	05/13/2025 17:22	WG2513898
Silver	ND		2.00	1	05/13/2025 19:43	WG2513902
Silver,Dissolved	ND		2.00	1	05/13/2025 17:22	WG2513898
Sodium	246000		2000	1	05/13/2025 19:43	WG2513902
Thallium	ND		2.00	1	05/13/2025 19:43	WG2513902
Vanadium	ND		5.00	1	05/13/2025 19:43	WG2513902
Zinc	ND		25.0	1	05/13/2025 19:43	WG2513902
Zinc,Dissolved	ND		25.0	1	05/13/2025 17:22	WG2513898

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		100	1	05/13/2025 16:31	WG2513915
(S) a,a,a-Trifluorotoluene(FID)	*102*		*78.0-120*		*05/13/2025 16:31*	WG2513915

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/13/2025 16:55	WG2513871
Acrolein	ND		50.0	1	05/13/2025 16:55	WG2513871
Acrylonitrile	ND		10.0	1	05/13/2025 16:55	WG2513871
Benzene	ND		1.00	1	05/13/2025 16:55	WG2513871
Bromobenzene	ND		1.00	1	05/13/2025 16:55	WG2513871
Bromodichloromethane	ND		1.00	1	05/13/2025 16:55	WG2513871
Bromoform	ND		1.00	1	05/13/2025 16:55	WG2513871
Bromomethane	ND		5.00	1	05/13/2025 16:55	WG2513871
n-Butylbenzene	ND		1.00	1	05/13/2025 16:55	WG2513871
sec-Butylbenzene	ND		1.00	1	05/13/2025 16:55	WG2513871
tert-Butylbenzene	ND		1.00	1	05/13/2025 16:55	WG2513871
Carbon tetrachloride	ND		1.00	1	05/13/2025 16:55	WG2513871
Chlorobenzene	ND		1.00	1	05/13/2025 16:55	WG2513871
Chlorodibromomethane	ND		1.00	1	05/13/2025 16:55	WG2513871
Chloroethane	ND		5.00	1	05/13/2025 16:55	WG2513871
Chloroform	ND		5.00	1	05/13/2025 16:55	WG2513871
Chloromethane	ND		2.50	1	05/13/2025 16:55	WG2513871
2-Chlorotoluene	ND		1.00	1	05/13/2025 16:55	WG2513871
4-Chlorotoluene	ND		1.00	1	05/13/2025 16:55	WG2513871
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/13/2025 16:55	WG2513871
1,2-Dibromoethane	ND		1.00	1	05/13/2025 16:55	WG2513871
Dibromomethane	ND		1.00	1	05/13/2025 16:55	WG2513871
1,2-Dichlorobenzene	ND		1.00	1	05/13/2025 16:55	WG2513871
1,3-Dichlorobenzene	ND		1.00	1	05/13/2025 16:55	WG2513871
1,4-Dichlorobenzene	ND		1.00	1	05/13/2025 16:55	WG2513871
Dichlorodifluoromethane	ND	C3	5.00	1	05/13/2025 16:55	WG2513871
1,1-Dichloroethane	ND		1.00	1	05/13/2025 16:55	WG2513871
1,2-Dichloroethane	ND		1.00	1	05/13/2025 16:55	WG2513871
1,1-Dichloroethene	ND		1.00	1	05/13/2025 16:55	WG2513871
cis-1,2-Dichloroethene	ND		1.00	1	05/13/2025 16:55	WG2513871
trans-1,2-Dichloroethene	ND		1.00	1	05/13/2025 16:55	WG2513871
1,2-Dichloropropane	ND		1.00	1	05/13/2025 16:55	WG2513871
1,1-Dichloropropene	ND		1.00	1	05/13/2025 16:55	WG2513871
1,3-Dichloropropane	ND		1.00	1	05/13/2025 16:55	WG2513871
cis-1,3-Dichloropropene	ND		1.00	1	05/13/2025 16:55	WG2513871
trans-1,3-Dichloropropene	ND		1.00	1	05/13/2025 16:55	WG2513871
2,2-Dichloropropane	ND		1.00	1	05/13/2025 16:55	WG2513871

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Di-isopropyl ether	ND		1.00	1	05/13/2025 16:55	WG2513871
Ethylbenzene	ND		1.00	1	05/13/2025 16:55	WG2513871
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2025 16:55	WG2513871
Isopropylbenzene	ND		1.00	1	05/13/2025 16:55	WG2513871
p-Isopropyltoluene	ND		1.00	1	05/13/2025 16:55	WG2513871
2-Butanone (MEK)	ND		10.0	1	05/13/2025 16:55	WG2513871
Methylene Chloride	ND		5.00	1	05/13/2025 16:55	WG2513871
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/13/2025 16:55	WG2513871
Methyl tert-butyl ether	ND		1.00	1	05/13/2025 16:55	WG2513871
Naphthalene	ND		5.00	1	05/13/2025 16:55	WG2513871
n-Propylbenzene	ND		1.00	1	05/13/2025 16:55	WG2513871
Styrene	ND		1.00	1	05/13/2025 16:55	WG2513871
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/13/2025 16:55	WG2513871
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/13/2025 16:55	WG2513871
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/13/2025 16:55	WG2513871
Tetrachloroethene	ND		1.00	1	05/13/2025 16:55	WG2513871
Toluene	ND		1.00	1	05/13/2025 16:55	WG2513871
1,2,3-Trichlorobenzene	ND		1.00	1	05/13/2025 16:55	WG2513871
1,2,4-Trichlorobenzene	ND		1.00	1	05/13/2025 16:55	WG2513871
1,1,1-Trichloroethane	ND		1.00	1	05/13/2025 16:55	WG2513871
1,1,2-Trichloroethane	ND		1.00	1	05/13/2025 16:55	WG2513871
Trichloroethene	ND		1.00	1	05/13/2025 16:55	WG2513871
Trichlorofluoromethane	ND		5.00	1	05/13/2025 16:55	WG2513871
1,2,3-Trichloropropane	ND		2.50	1	05/13/2025 16:55	WG2513871
1,2,4-Trimethylbenzene	ND		1.00	1	05/13/2025 16:55	WG2513871
1,2,3-Trimethylbenzene	ND		1.00	1	05/13/2025 16:55	WG2513871
1,3,5-Trimethylbenzene	ND		1.00	1	05/13/2025 16:55	WG2513871
Vinyl chloride	ND		1.00	1	05/13/2025 16:55	WG2513871
Xylenes, Total	ND		3.00	1	05/13/2025 16:55	WG2513871
(S) Toluene-d8	*101*		*80.0-120*		*05/13/2025 16:55*	WG2513871
(S) 4-Bromofluorobenzene	*93.0*		*77.0-126*		*05/13/2025 16:55*	WG2513871
(S) 1,2-Dichloroethane-d4	*99.6*		*70.0-130*		*05/13/2025 16:55*	WG2513871

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	134		100	1	05/14/2025 01:17	WG2513812
C28-C36 Motor Oil Range	ND		100	1	05/14/2025 01:17	WG2513812
(S) o-Terphenyl	*118*		*52.0-156*		*05/14/2025 01:17*	WG2513812

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acenaphthene	ND		1.00	1	05/13/2025 23:37	WG2513804
Acenaphthylene	ND		1.00	1	05/13/2025 23:37	WG2513804
Anthracene	ND		1.00	1	05/13/2025 23:37	WG2513804
Benzidine	ND	J4	10.0	1	05/13/2025 23:37	WG2513804
Benzo(a)anthracene	ND		1.00	1	05/13/2025 23:37	WG2513804
Benzo(b)fluoranthene	ND		1.00	1	05/13/2025 23:37	WG2513804
Benzo(k)fluoranthene	ND		1.00	1	05/13/2025 23:37	WG2513804
Benzo(g,h,i)perylene	ND		1.00	1	05/13/2025 23:37	WG2513804
Benzo(a)pyrene	ND		1.00	1	05/13/2025 23:37	WG2513804
Bis(2-chlorethoxy)methane	ND		10.0	1	05/13/2025 23:37	WG2513804
Bis(2-chloroethyl)ether	ND		10.0	1	05/13/2025 23:37	WG2513804
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	05/13/2025 23:37	WG2513804

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
4-Bromophenyl-phenylether	ND		10.0	1	05/13/2025 23:37	WG2513804
2-Chloronaphthalene	ND		1.00	1	05/13/2025 23:37	WG2513804
4-Chlorophenyl-phenylether	ND		10.0	1	05/13/2025 23:37	WG2513804
Chrysene	ND		1.00	1	05/13/2025 23:37	WG2513804
Dibenz(a,h)anthracene	ND		1.00	1	05/13/2025 23:37	WG2513804
1,2-Dichlorobenzene	ND		10.0	1	05/13/2025 23:37	WG2513804
1,3-Dichlorobenzene	ND		10.0	1	05/13/2025 23:37	WG2513804
1,4-Dichlorobenzene	ND		10.0	1	05/13/2025 23:37	WG2513804
3,3-Dichlorobenzidine	ND		10.0	1	05/13/2025 23:37	WG2513804
2,4-Dinitrotoluene	ND		10.0	1	05/13/2025 23:37	WG2513804
2,6-Dinitrotoluene	ND		10.0	1	05/13/2025 23:37	WG2513804
Fluoranthene	ND		1.00	1	05/13/2025 23:37	WG2513804
Fluorene	ND		1.00	1	05/13/2025 23:37	WG2513804
Hexachlorobenzene	ND		1.00	1	05/13/2025 23:37	WG2513804
Hexachloro-1,3-butadiene	ND		10.0	1	05/13/2025 23:37	WG2513804
Hexachlorocyclopentadiene	ND		10.0	1	05/13/2025 23:37	WG2513804
Hexachloroethane	ND		10.0	1	05/13/2025 23:37	WG2513804
Indeno(1,2,3-cd)pyrene	ND		1.00	1	05/13/2025 23:37	WG2513804
Isophorone	ND		10.0	1	05/13/2025 23:37	WG2513804
1-Methylnaphthalene	ND		1.00	1	05/13/2025 23:37	WG2513804
2-Methylnaphthalene	ND		1.00	1	05/13/2025 23:37	WG2513804
Naphthalene	ND		1.00	1	05/13/2025 23:37	WG2513804
Nitrobenzene	ND		10.0	1	05/13/2025 23:37	WG2513804
n-Nitrosodimethylamine	ND		10.0	1	05/13/2025 23:37	WG2513804
n-Nitrosodiphenylamine	ND		10.0	1	05/13/2025 23:37	WG2513804
n-Nitrosodi-n-propylamine	ND		10.0	1	05/13/2025 23:37	WG2513804
Phenanthrene	ND		1.00	1	05/13/2025 23:37	WG2513804
Benzylbutyl phthalate	ND		3.00	1	05/13/2025 23:37	WG2513804
Bis(2-ethylhexyl)phthalate	ND		3.00	1	05/13/2025 23:37	WG2513804
Di-n-butyl phthalate	ND		3.00	1	05/13/2025 23:37	WG2513804
Diethyl phthalate	ND		3.00	1	05/13/2025 23:37	WG2513804
Dimethyl phthalate	ND		3.00	1	05/13/2025 23:37	WG2513804
Di-n-octyl phthalate	ND		3.00	1	05/13/2025 23:37	WG2513804
Pyrene	ND		1.00	1	05/13/2025 23:37	WG2513804
1,2,4-Trichlorobenzene	ND		10.0	1	05/13/2025 23:37	WG2513804
4-Chloro-3-methylphenol	ND		10.0	1	05/13/2025 23:37	WG2513804
2-Chlorophenol	ND		10.0	1	05/13/2025 23:37	WG2513804
2,4-Dichlorophenol	ND		10.0	1	05/13/2025 23:37	WG2513804
2,4-Dimethylphenol	ND		10.0	1	05/13/2025 23:37	WG2513804
4,6-Dinitro-2-methylphenol	ND		10.0	1	05/13/2025 23:37	WG2513804
2,4-Dinitrophenol	ND		10.0	1	05/13/2025 23:37	WG2513804
2-Nitrophenol	ND		10.0	1	05/13/2025 23:37	WG2513804
4-Nitrophenol	ND		10.0	1	05/13/2025 23:37	WG2513804
Pentachlorophenol	ND		10.0	1	05/13/2025 23:37	WG2513804
Phenol	ND		10.0	1	05/13/2025 23:37	WG2513804
2,4,6-Trichlorophenol	ND		10.0	1	05/13/2025 23:37	WG2513804
(S) 2-Fluorophenol	*47.8*		*10.0-120*		*05/13/2025 23:37*	WG2513804
(S) Phenol-d5	*31.7*		*10.0-120*		*05/13/2025 23:37*	WG2513804
(S) Nitrobenzene-d5	*84.0*		*10.0-127*		*05/13/2025 23:37*	WG2513804
(S) 2-Fluorobiphenyl	*72.8*		*10.0-130*		*05/13/2025 23:37*	WG2513804
(S) 2,4,6-Tribromophenol	*65.1*		*10.0-155*		*05/13/2025 23:37*	WG2513804
(S) p-Terphenyl-d14	*66.9*		*10.0-128*		*05/13/2025 23:37*	WG2513804

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/13/2025 17:15	WG2513871
Acrolein	ND		50.0	1	05/13/2025 17:15	WG2513871
Acrylonitrile	ND		10.0	1	05/13/2025 17:15	WG2513871
Benzene	ND		1.00	1	05/13/2025 17:15	WG2513871
Bromobenzene	ND		1.00	1	05/13/2025 17:15	WG2513871
Bromodichloromethane	ND		1.00	1	05/13/2025 17:15	WG2513871
Bromoform	ND		1.00	1	05/13/2025 17:15	WG2513871
Bromomethane	ND		5.00	1	05/13/2025 17:15	WG2513871
n-Butylbenzene	ND		1.00	1	05/13/2025 17:15	WG2513871
sec-Butylbenzene	ND		1.00	1	05/13/2025 17:15	WG2513871
tert-Butylbenzene	ND		1.00	1	05/13/2025 17:15	WG2513871
Carbon tetrachloride	ND		1.00	1	05/13/2025 17:15	WG2513871
Chlorobenzene	ND		1.00	1	05/13/2025 17:15	WG2513871
Chlorodibromomethane	ND		1.00	1	05/13/2025 17:15	WG2513871
Chloroethane	ND		5.00	1	05/13/2025 17:15	WG2513871
Chloroform	ND		5.00	1	05/13/2025 17:15	WG2513871
Chloromethane	ND		2.50	1	05/13/2025 17:15	WG2513871
2-Chlorotoluene	ND		1.00	1	05/13/2025 17:15	WG2513871
4-Chlorotoluene	ND		1.00	1	05/13/2025 17:15	WG2513871
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/13/2025 17:15	WG2513871
1,2-Dibromoethane	ND		1.00	1	05/13/2025 17:15	WG2513871
Dibromomethane	ND		1.00	1	05/13/2025 17:15	WG2513871
1,2-Dichlorobenzene	ND		1.00	1	05/13/2025 17:15	WG2513871
1,3-Dichlorobenzene	ND		1.00	1	05/13/2025 17:15	WG2513871
1,4-Dichlorobenzene	ND		1.00	1	05/13/2025 17:15	WG2513871
Dichlorodifluoromethane	ND	C3	5.00	1	05/13/2025 17:15	WG2513871
1,1-Dichloroethane	ND		1.00	1	05/13/2025 17:15	WG2513871
1,2-Dichloroethane	ND		1.00	1	05/13/2025 17:15	WG2513871
1,1-Dichloroethene	ND		1.00	1	05/13/2025 17:15	WG2513871
cis-1,2-Dichloroethene	ND		1.00	1	05/13/2025 17:15	WG2513871
trans-1,2-Dichloroethene	ND		1.00	1	05/13/2025 17:15	WG2513871
1,2-Dichloropropane	ND		1.00	1	05/13/2025 17:15	WG2513871
1,1-Dichloropropene	ND		1.00	1	05/13/2025 17:15	WG2513871
1,3-Dichloropropane	ND		1.00	1	05/13/2025 17:15	WG2513871
cis-1,3-Dichloropropene	ND		1.00	1	05/13/2025 17:15	WG2513871
trans-1,3-Dichloropropene	ND		1.00	1	05/13/2025 17:15	WG2513871
2,2-Dichloropropane	ND		1.00	1	05/13/2025 17:15	WG2513871
Di-isopropyl ether	ND		1.00	1	05/13/2025 17:15	WG2513871
Ethylbenzene	ND		1.00	1	05/13/2025 17:15	WG2513871
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2025 17:15	WG2513871
Isopropylbenzene	ND		1.00	1	05/13/2025 17:15	WG2513871
p-Isopropyltoluene	ND		1.00	1	05/13/2025 17:15	WG2513871
2-Butanone (MEK)	ND		10.0	1	05/13/2025 17:15	WG2513871
Methylene Chloride	ND		5.00	1	05/13/2025 17:15	WG2513871
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/13/2025 17:15	WG2513871
Methyl tert-butyl ether	ND		1.00	1	05/13/2025 17:15	WG2513871
Naphthalene	ND		5.00	1	05/13/2025 17:15	WG2513871
n-Propylbenzene	ND		1.00	1	05/13/2025 17:15	WG2513871
Styrene	ND		1.00	1	05/13/2025 17:15	WG2513871
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/13/2025 17:15	WG2513871
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/13/2025 17:15	WG2513871
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/13/2025 17:15	WG2513871
Tetrachloroethene	ND		1.00	1	05/13/2025 17:15	WG2513871
Toluene	ND		1.00	1	05/13/2025 17:15	WG2513871
1,2,3-Trichlorobenzene	ND		1.00	1	05/13/2025 17:15	WG2513871
1,2,4-Trichlorobenzene	ND		1.00	1	05/13/2025 17:15	WG2513871

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	05/13/2025 17:15	WG2513871
1,1,2-Trichloroethane	ND		1.00	1	05/13/2025 17:15	WG2513871
Trichloroethene	ND		1.00	1	05/13/2025 17:15	WG2513871
Trichlorofluoromethane	ND		5.00	1	05/13/2025 17:15	WG2513871
1,2,3-Trichloropropane	ND		2.50	1	05/13/2025 17:15	WG2513871
1,2,4-Trimethylbenzene	ND		1.00	1	05/13/2025 17:15	WG2513871
1,2,3-Trimethylbenzene	ND		1.00	1	05/13/2025 17:15	WG2513871
1,3,5-Trimethylbenzene	ND		1.00	1	05/13/2025 17:15	WG2513871
Vinyl chloride	ND		1.00	1	05/13/2025 17:15	WG2513871
Xylenes, Total	ND		3.00	1	05/13/2025 17:15	WG2513871
(S) Toluene-d8	*103*		*80.0-120*		*05/13/2025 17:15*	WG2513871
(S) 4-Bromofluorobenzene	*95.1*		*77.0-126*		*05/13/2025 17:15*	WG2513871
(S) 1,2-Dichloroethane-d4	*98.4*		*70.0-130*		*05/13/2025 17:15*	WG2513871

Calculated Results

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Total Nitrogen	9400		250	1	05/14/2025 16:10	WG2513932

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3070000		50000	1	05/13/2025 21:52	WG2513941

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Suspended Solids	57600		20000	1	05/13/2025 15:10	WG2513799

Wet Chemistry by Method 130.1

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hardness (colorimetric) as CaCO3	1600000		150000	5	05/14/2025 13:20	WG2514015

Wet Chemistry by Method 2320 B-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Alkalinity	477000		20000	1	05/13/2025 15:34	WG2513952

Sample Narrative:

L1858014-17 WG2513952: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 300.0

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Bromide	ND		5000	5	05/13/2025 19:57	WG2513712
Chloride	150000		5000	5	05/13/2025 19:57	WG2513712
Fluoride	1100		750	5	05/13/2025 19:57	WG2513712
Nitrate as (N)	4390		500	5	05/13/2025 19:57	WG2513712
Nitrite as (N)	ND		500	5	05/13/2025 19:57	WG2513712
Sulfate	1580000		250000	50	05/13/2025 20:11	WG2513712

Sample Narrative:

L1858014-17 WG2513712: Dilution due to matrix impact on instrumentation at lower dilution

Wet Chemistry by Method 350.1

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	152		100	1	05/13/2025 15:59	WG2513792

Wet Chemistry by Method 351.2

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	4590		250	1	05/14/2025 16:10	WG2513932

Wet Chemistry by Method 365.4

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Phosphorus,Total	414		100	1	05/14/2025 16:12	WG2515004

Wet Chemistry by Method 5310 B-2014

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	30900		1000	1	05/13/2025 20:18	WG2513836

Wet Chemistry by Method 5540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
MBAS	151		100	1	05/13/2025 16:06	WG2513929

Wet Chemistry by Method 7199

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	05/13/2025 19:40	WG2513895

Wet Chemistry by Method 9040C

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.13	T8	1	05/13/2025 14:27	WG2513600

Sample Narrative:

L1858014-17 WG2513600: 8.13 at 20.3C

Mercury by Method 7470A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	05/13/2025 19:02	WG2513837

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Aluminum	ND		100	1	05/13/2025 19:46	WG2513902
Aluminum,Dissolved	ND		100	1	05/13/2025 17:25	WG2513898
Antimony	ND		4.00	1	05/13/2025 19:46	WG2513902
Arsenic	2.65		2.00	1	05/13/2025 19:46	WG2513902
Arsenic,Dissolved	2.16		2.00	1	05/13/2025 17:25	WG2513898
Barium	40.6		2.00	1	05/13/2025 19:46	WG2513902
Beryllium	ND		2.00	1	05/13/2025 20:32	WG2513902
Boron	658		150	5	05/13/2025 22:57	WG2513902
Cadmium	ND		1.00	1	05/13/2025 19:46	WG2513902
Cadmium,Dissolved	ND		1.00	1	05/13/2025 17:25	WG2513898
Calcium	305000		1000	1	05/13/2025 19:46	WG2513902
Chromium	ND		2.00	1	05/13/2025 19:46	WG2513902
Chromium,Dissolved	ND		2.00	1	05/13/2025 17:25	WG2513898
Copper	6.84		5.00	1	05/13/2025 19:46	WG2513902
Copper,Dissolved	8.70		5.00	1	05/13/2025 17:25	WG2513898
Cobalt	4.48		2.00	1	05/13/2025 19:46	WG2513902
Iron	242		100	1	05/13/2025 19:46	WG2513902
Lead	ND		2.00	1	05/13/2025 19:46	WG2513902
Lead,Dissolved	ND		2.00	1	05/13/2025 17:25	WG2513898
Magnesium	194000		1000	1	05/13/2025 19:46	WG2513902
Manganese	1350		5.00	1	05/13/2025 19:46	WG2513902
Manganese,Dissolved	1310		5.00	1	05/13/2025 17:25	WG2513898
Nickel	8.44		2.00	1	05/13/2025 19:46	WG2513902
Nickel,Dissolved	8.85		2.00	1	05/13/2025 17:25	WG2513898
Potassium	27100		2000	1	05/13/2025 19:46	WG2513902
Selenium	9.51		2.00	1	05/13/2025 19:46	WG2513902

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Selenium,Dissolved	9.01		2.00	1	05/13/2025 17:25	WG2513898
Silver	ND		2.00	1	05/13/2025 19:46	WG2513902
Silver,Dissolved	ND		2.00	1	05/13/2025 17:25	WG2513898
Sodium	356000		2000	1	05/13/2025 19:46	WG2513902
Thallium	ND		2.00	1	05/13/2025 19:46	WG2513902
Vanadium	ND		5.00	1	05/13/2025 19:46	WG2513902
Zinc	ND		25.0	1	05/13/2025 19:46	WG2513902
Zinc,Dissolved	ND		25.0	1	05/13/2025 17:25	WG2513898

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		100	1	05/13/2025 16:51	WG2513915
(S) a,a,a-Trifluorotoluene(FID)	*101*		*78.0-120*		*05/13/2025 16:51*	WG2513915

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/13/2025 19:21	WG2513624
Acrolein	ND	C3 J4	50.0	1	05/13/2025 19:21	WG2513624
Acrylonitrile	ND		10.0	1	05/13/2025 19:21	WG2513624
Benzene	ND		1.00	1	05/13/2025 19:21	WG2513624
Bromobenzene	ND		1.00	1	05/13/2025 19:21	WG2513624
Bromodichloromethane	ND		1.00	1	05/13/2025 19:21	WG2513624
Bromoform	ND		1.00	1	05/13/2025 19:21	WG2513624
Bromomethane	ND		5.00	1	05/13/2025 19:21	WG2513624
n-Butylbenzene	ND		1.00	1	05/13/2025 19:21	WG2513624
sec-Butylbenzene	ND		1.00	1	05/13/2025 19:21	WG2513624
tert-Butylbenzene	ND		1.00	1	05/13/2025 19:21	WG2513624
Carbon tetrachloride	ND	J4	1.00	1	05/13/2025 19:21	WG2513624
Chlorobenzene	ND		1.00	1	05/13/2025 19:21	WG2513624
Chlorodibromomethane	ND		1.00	1	05/13/2025 19:21	WG2513624
Chloroethane	ND		5.00	1	05/13/2025 19:21	WG2513624
Chloroform	ND		5.00	1	05/13/2025 19:21	WG2513624
Chloromethane	ND		2.50	1	05/13/2025 19:21	WG2513624
2-Chlorotoluene	ND		1.00	1	05/13/2025 19:21	WG2513624
4-Chlorotoluene	ND		1.00	1	05/13/2025 19:21	WG2513624
1,2-Dibromo-3-Chloropropane	ND	J3 J4	5.00	1	05/13/2025 19:21	WG2513624
1,2-Dibromoethane	ND		1.00	1	05/13/2025 19:21	WG2513624
Dibromomethane	ND		1.00	1	05/13/2025 19:21	WG2513624
1,2-Dichlorobenzene	ND		1.00	1	05/13/2025 19:21	WG2513624
1,3-Dichlorobenzene	ND		1.00	1	05/13/2025 19:21	WG2513624
1,4-Dichlorobenzene	ND		1.00	1	05/13/2025 19:21	WG2513624
Dichlorodifluoromethane	ND		5.00	1	05/13/2025 19:21	WG2513624
1,1-Dichloroethane	ND		1.00	1	05/13/2025 19:21	WG2513624
1,2-Dichloroethane	ND		1.00	1	05/13/2025 19:21	WG2513624
1,1-Dichloroethene	ND		1.00	1	05/13/2025 19:21	WG2513624
cis-1,2-Dichloroethene	ND		1.00	1	05/13/2025 19:21	WG2513624
trans-1,2-Dichloroethene	ND		1.00	1	05/13/2025 19:21	WG2513624
1,2-Dichloropropane	ND		1.00	1	05/13/2025 19:21	WG2513624
1,1-Dichloropropene	ND		1.00	1	05/13/2025 19:21	WG2513624
1,3-Dichloropropane	ND		1.00	1	05/13/2025 19:21	WG2513624
cis-1,3-Dichloropropene	ND		1.00	1	05/13/2025 19:21	WG2513624
trans-1,3-Dichloropropene	ND		1.00	1	05/13/2025 19:21	WG2513624
2,2-Dichloropropane	ND		1.00	1	05/13/2025 19:21	WG2513624

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Di-isopropyl ether	ND		1.00	1	05/13/2025 19:21	WG2513624
Ethylbenzene	ND		1.00	1	05/13/2025 19:21	WG2513624
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2025 19:21	WG2513624
Isopropylbenzene	ND		1.00	1	05/13/2025 19:21	WG2513624
p-Isopropyltoluene	ND		1.00	1	05/13/2025 19:21	WG2513624
2-Butanone (MEK)	ND		10.0	1	05/13/2025 19:21	WG2513624
Methylene Chloride	ND		5.00	1	05/13/2025 19:21	WG2513624
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/13/2025 19:21	WG2513624
Methyl tert-butyl ether	ND		1.00	1	05/13/2025 19:21	WG2513624
Naphthalene	ND	C3	5.00	1	05/13/2025 19:21	WG2513624
n-Propylbenzene	ND		1.00	1	05/13/2025 19:21	WG2513624
Styrene	ND		1.00	1	05/13/2025 19:21	WG2513624
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/13/2025 19:21	WG2513624
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/13/2025 19:21	WG2513624
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/13/2025 19:21	WG2513624
Tetrachloroethene	ND		1.00	1	05/13/2025 19:21	WG2513624
Toluene	ND		1.00	1	05/13/2025 19:21	WG2513624
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/13/2025 19:21	WG2513624
1,2,4-Trichlorobenzene	ND		1.00	1	05/13/2025 19:21	WG2513624
1,1,1-Trichloroethane	ND		1.00	1	05/13/2025 19:21	WG2513624
1,1,2-Trichloroethane	ND		1.00	1	05/13/2025 19:21	WG2513624
Trichloroethene	ND		1.00	1	05/13/2025 19:21	WG2513624
Trichlorofluoromethane	ND		5.00	1	05/13/2025 19:21	WG2513624
1,2,3-Trichloropropane	ND		2.50	1	05/13/2025 19:21	WG2513624
1,2,4-Trimethylbenzene	ND		1.00	1	05/13/2025 19:21	WG2513624
1,2,3-Trimethylbenzene	ND		1.00	1	05/13/2025 19:21	WG2513624
1,3,5-Trimethylbenzene	ND		1.00	1	05/13/2025 19:21	WG2513624
Vinyl chloride	ND		1.00	1	05/13/2025 19:21	WG2513624
Xylenes, Total	ND		3.00	1	05/13/2025 19:21	WG2513624
(S) Toluene-d8	*102*		*80.0-120*		*05/13/2025 19:21*	WG2513624
(S) 4-Bromofluorobenzene	*102*		*77.0-126*		*05/13/2025 19:21*	WG2513624
(S) 1,2-Dichloroethane-d4	*119*		*70.0-130*		*05/13/2025 19:21*	WG2513624

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	421		100	1	05/13/2025 22:40	WG2513812
C28-C36 Motor Oil Range	1090		100	1	05/13/2025 22:40	WG2513812
(S) o-Terphenyl	*104*		*52.0-156*		*05/13/2025 22:40*	WG2513812

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acenaphthene	ND		1.00	1	05/13/2025 23:59	WG2513804
Acenaphthylene	ND		1.00	1	05/13/2025 23:59	WG2513804
Anthracene	ND		1.00	1	05/13/2025 23:59	WG2513804
Benzidine	ND	J4	10.0	1	05/13/2025 23:59	WG2513804
Benzo(a)anthracene	ND		1.00	1	05/13/2025 23:59	WG2513804
Benzo(b)fluoranthene	ND		1.00	1	05/13/2025 23:59	WG2513804
Benzo(k)fluoranthene	ND		1.00	1	05/13/2025 23:59	WG2513804
Benzo(g,h,i)perylene	ND		1.00	1	05/13/2025 23:59	WG2513804
Benzo(a)pyrene	ND		1.00	1	05/13/2025 23:59	WG2513804
Bis(2-chlorethoxy)methane	ND		10.0	1	05/13/2025 23:59	WG2513804
Bis(2-chloroethyl)ether	ND		10.0	1	05/13/2025 23:59	WG2513804
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	05/13/2025 23:59	WG2513804

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
4-Bromophenyl-phenylether	ND		10.0	1	05/13/2025 23:59	WG2513804
2-Chloronaphthalene	ND		1.00	1	05/13/2025 23:59	WG2513804
4-Chlorophenyl-phenylether	ND		10.0	1	05/13/2025 23:59	WG2513804
Chrysene	ND		1.00	1	05/13/2025 23:59	WG2513804
Dibenz(a,h)anthracene	ND		1.00	1	05/13/2025 23:59	WG2513804
1,2-Dichlorobenzene	ND		10.0	1	05/13/2025 23:59	WG2513804
1,3-Dichlorobenzene	ND		10.0	1	05/13/2025 23:59	WG2513804
1,4-Dichlorobenzene	ND		10.0	1	05/13/2025 23:59	WG2513804
3,3-Dichlorobenzidine	ND		10.0	1	05/13/2025 23:59	WG2513804
2,4-Dinitrotoluene	ND		10.0	1	05/13/2025 23:59	WG2513804
2,6-Dinitrotoluene	ND		10.0	1	05/13/2025 23:59	WG2513804
Fluoranthene	ND		1.00	1	05/13/2025 23:59	WG2513804
Fluorene	ND		1.00	1	05/13/2025 23:59	WG2513804
Hexachlorobenzene	ND		1.00	1	05/13/2025 23:59	WG2513804
Hexachloro-1,3-butadiene	ND		10.0	1	05/13/2025 23:59	WG2513804
Hexachlorocyclopentadiene	ND		10.0	1	05/13/2025 23:59	WG2513804
Hexachloroethane	ND		10.0	1	05/13/2025 23:59	WG2513804
Indeno(1,2,3-cd)pyrene	ND		1.00	1	05/13/2025 23:59	WG2513804
Isophorone	ND		10.0	1	05/13/2025 23:59	WG2513804
1-Methylnaphthalene	ND		1.00	1	05/13/2025 23:59	WG2513804
2-Methylnaphthalene	ND		1.00	1	05/13/2025 23:59	WG2513804
Naphthalene	ND		1.00	1	05/13/2025 23:59	WG2513804
Nitrobenzene	ND		10.0	1	05/13/2025 23:59	WG2513804
n-Nitrosodimethylamine	ND		10.0	1	05/13/2025 23:59	WG2513804
n-Nitrosodiphenylamine	ND		10.0	1	05/13/2025 23:59	WG2513804
n-Nitrosodi-n-propylamine	ND		10.0	1	05/13/2025 23:59	WG2513804
Phenanthrene	ND		1.00	1	05/13/2025 23:59	WG2513804
Benzylbutyl phthalate	ND		3.00	1	05/13/2025 23:59	WG2513804
Bis(2-ethylhexyl)phthalate	ND		3.00	1	05/13/2025 23:59	WG2513804
Di-n-butyl phthalate	ND		3.00	1	05/13/2025 23:59	WG2513804
Diethyl phthalate	ND		3.00	1	05/13/2025 23:59	WG2513804
Dimethyl phthalate	ND		3.00	1	05/13/2025 23:59	WG2513804
Di-n-octyl phthalate	ND		3.00	1	05/13/2025 23:59	WG2513804
Pyrene	ND		1.00	1	05/13/2025 23:59	WG2513804
1,2,4-Trichlorobenzene	ND		10.0	1	05/13/2025 23:59	WG2513804
4-Chloro-3-methylphenol	ND		10.0	1	05/13/2025 23:59	WG2513804
2-Chlorophenol	ND		10.0	1	05/13/2025 23:59	WG2513804
2,4-Dichlorophenol	ND		10.0	1	05/13/2025 23:59	WG2513804
2,4-Dimethylphenol	ND		10.0	1	05/13/2025 23:59	WG2513804
4,6-Dinitro-2-methylphenol	ND		10.0	1	05/13/2025 23:59	WG2513804
2,4-Dinitrophenol	ND		10.0	1	05/13/2025 23:59	WG2513804
2-Nitrophenol	ND		10.0	1	05/13/2025 23:59	WG2513804
4-Nitrophenol	ND		10.0	1	05/13/2025 23:59	WG2513804
Pentachlorophenol	ND		10.0	1	05/13/2025 23:59	WG2513804
Phenol	ND		10.0	1	05/13/2025 23:59	WG2513804
2,4,6-Trichlorophenol	ND		10.0	1	05/13/2025 23:59	WG2513804
(S) 2-Fluorophenol	*41.2*		*10.0-120*		*05/13/2025 23:59*	WG2513804
(S) Phenol-d5	*28.1*		*10.0-120*		*05/13/2025 23:59*	WG2513804
(S) Nitrobenzene-d5	*76.3*		*10.0-127*		*05/13/2025 23:59*	WG2513804
(S) 2-Fluorobiphenyl	*61.3*		*10.0-130*		*05/13/2025 23:59*	WG2513804
(S) 2,4,6-Tribromophenol	*51.0*		*10.0-155*		*05/13/2025 23:59*	WG2513804
(S) p-Terphenyl-d14	*44.4*		*10.0-128*		*05/13/2025 23:59*	WG2513804

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/13/2025 18:05	WG2513624
Acrolein	ND	C3 J4	50.0	1	05/13/2025 18:05	WG2513624
Acrylonitrile	ND		10.0	1	05/13/2025 18:05	WG2513624
Benzene	ND		1.00	1	05/13/2025 18:05	WG2513624
Bromobenzene	ND		1.00	1	05/13/2025 18:05	WG2513624
Bromodichloromethane	ND		1.00	1	05/13/2025 18:05	WG2513624
Bromoform	ND		1.00	1	05/13/2025 18:05	WG2513624
Bromomethane	ND		5.00	1	05/13/2025 18:05	WG2513624
n-Butylbenzene	ND		1.00	1	05/13/2025 18:05	WG2513624
sec-Butylbenzene	ND		1.00	1	05/13/2025 18:05	WG2513624
tert-Butylbenzene	ND		1.00	1	05/13/2025 18:05	WG2513624
Carbon tetrachloride	ND	J4	1.00	1	05/13/2025 18:05	WG2513624
Chlorobenzene	ND		1.00	1	05/13/2025 18:05	WG2513624
Chlorodibromomethane	ND		1.00	1	05/13/2025 18:05	WG2513624
Chloroethane	ND		5.00	1	05/13/2025 18:05	WG2513624
Chloroform	ND		5.00	1	05/13/2025 18:05	WG2513624
Chloromethane	ND		2.50	1	05/13/2025 18:05	WG2513624
2-Chlorotoluene	ND		1.00	1	05/13/2025 18:05	WG2513624
4-Chlorotoluene	ND		1.00	1	05/13/2025 18:05	WG2513624
1,2-Dibromo-3-Chloropropane	ND	J3 J4	5.00	1	05/13/2025 18:05	WG2513624
1,2-Dibromoethane	ND		1.00	1	05/13/2025 18:05	WG2513624
Dibromomethane	ND		1.00	1	05/13/2025 18:05	WG2513624
1,2-Dichlorobenzene	ND		1.00	1	05/13/2025 18:05	WG2513624
1,3-Dichlorobenzene	ND		1.00	1	05/13/2025 18:05	WG2513624
1,4-Dichlorobenzene	ND		1.00	1	05/13/2025 18:05	WG2513624
Dichlorodifluoromethane	ND		5.00	1	05/13/2025 18:05	WG2513624
1,1-Dichloroethane	ND		1.00	1	05/13/2025 18:05	WG2513624
1,2-Dichloroethane	ND		1.00	1	05/13/2025 18:05	WG2513624
1,1-Dichloroethene	ND		1.00	1	05/13/2025 18:05	WG2513624
cis-1,2-Dichloroethene	ND		1.00	1	05/13/2025 18:05	WG2513624
trans-1,2-Dichloroethene	ND		1.00	1	05/13/2025 18:05	WG2513624
1,2-Dichloropropane	ND		1.00	1	05/13/2025 18:05	WG2513624
1,1-Dichloropropene	ND		1.00	1	05/13/2025 18:05	WG2513624
1,3-Dichloropropane	ND		1.00	1	05/13/2025 18:05	WG2513624
cis-1,3-Dichloropropene	ND		1.00	1	05/13/2025 18:05	WG2513624
trans-1,3-Dichloropropene	ND		1.00	1	05/13/2025 18:05	WG2513624
2,2-Dichloropropane	ND		1.00	1	05/13/2025 18:05	WG2513624
Di-isopropyl ether	ND		1.00	1	05/13/2025 18:05	WG2513624
Ethylbenzene	ND		1.00	1	05/13/2025 18:05	WG2513624
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2025 18:05	WG2513624
Isopropylbenzene	ND		1.00	1	05/13/2025 18:05	WG2513624
p-Isopropyltoluene	ND		1.00	1	05/13/2025 18:05	WG2513624
2-Butanone (MEK)	ND		10.0	1	05/13/2025 18:05	WG2513624
Methylene Chloride	ND		5.00	1	05/13/2025 18:05	WG2513624
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/13/2025 18:05	WG2513624
Methyl tert-butyl ether	ND		1.00	1	05/13/2025 18:05	WG2513624
Naphthalene	ND	C3	5.00	1	05/13/2025 18:05	WG2513624
n-Propylbenzene	ND		1.00	1	05/13/2025 18:05	WG2513624
Styrene	ND		1.00	1	05/13/2025 18:05	WG2513624
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/13/2025 18:05	WG2513624
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/13/2025 18:05	WG2513624
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/13/2025 18:05	WG2513624
Tetrachloroethene	ND		1.00	1	05/13/2025 18:05	WG2513624
Toluene	ND		1.00	1	05/13/2025 18:05	WG2513624
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/13/2025 18:05	WG2513624
1,2,4-Trichlorobenzene	ND		1.00	1	05/13/2025 18:05	WG2513624

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	05/13/2025 18:05	WG2513624
1,1,2-Trichloroethane	ND		1.00	1	05/13/2025 18:05	WG2513624
Trichloroethene	ND		1.00	1	05/13/2025 18:05	WG2513624
Trichlorofluoromethane	ND		5.00	1	05/13/2025 18:05	WG2513624
1,2,3-Trichloropropane	ND		2.50	1	05/13/2025 18:05	WG2513624
1,2,4-Trimethylbenzene	ND		1.00	1	05/13/2025 18:05	WG2513624
1,2,3-Trimethylbenzene	ND		1.00	1	05/13/2025 18:05	WG2513624
1,3,5-Trimethylbenzene	ND		1.00	1	05/13/2025 18:05	WG2513624
Vinyl chloride	ND		1.00	1	05/13/2025 18:05	WG2513624
Xylenes, Total	ND		3.00	1	05/13/2025 18:05	WG2513624
(S) Toluene-d8	*102*		*80.0-120*		*05/13/2025 18:05*	WG2513624
(S) 4-Bromofluorobenzene	*89.4*		*77.0-126*		*05/13/2025 18:05*	WG2513624
(S) 1,2-Dichloroethane-d4	*120*		*70.0-130*		*05/13/2025 18:05*	WG2513624

Calculated Results

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Total Nitrogen	4170		250	1	05/14/2025 16:12	WG2513932

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Dissolved Solids	2480000		50000	1	05/13/2025 21:52	WG2513941

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Suspended Solids	16500		6250	1	05/13/2025 15:10	WG2513799

Wet Chemistry by Method 130.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Hardness (colorimetric) as CaCO3	1290000		150000	5	05/14/2025 22:50	WG2514766

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	363000		20000	1	05/13/2025 15:37	WG2513952

Sample Narrative:

L1858014-19 WG2513952: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Bromide	ND		5000	5	05/13/2025 20:24	WG2513712
Chloride	97900		5000	5	05/13/2025 20:24	WG2513712
Fluoride	1210		750	5	05/13/2025 20:24	WG2513712
Nitrate as (N)	2590		500	5	05/13/2025 20:24	WG2513712
Nitrite as (N)	ND		500	5	05/13/2025 20:24	WG2513712
Sulfate	1280000		250000	50	05/13/2025 20:38	WG2513712

Sample Narrative:

L1858014-19 WG2513712: Dilution due to matrix impact on instrumentation at lower dilution

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Ammonia Nitrogen	ND		100	1	05/13/2025 16:01	WG2513792

Wet Chemistry by Method 351.2

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Kjeldahl Nitrogen, TKN	1580		250	1	05/14/2025 16:12	WG2513932

Wet Chemistry by Method 365.4

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Phosphorus,Total	196		100	1	05/14/2025 16:13	WG2515004

Wet Chemistry by Method 5310 B-2014

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	11100		1000	1	05/13/2025 21:39	WG2513836

Wet Chemistry by Method 5540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
MBAS	107		100	1	05/13/2025 16:08	WG2513929

Wet Chemistry by Method 7199

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	05/13/2025 19:53	WG2513895

Wet Chemistry by Method 9040C

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.84	T8	1	05/13/2025 14:27	WG2513600

Sample Narrative:

L1858014-19 WG2513600: 7.84 at 20C

Mercury by Method 7470A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	05/13/2025 19:05	WG2513837

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Aluminum	ND		100	1	05/13/2025 19:49	WG2513902
Aluminum,Dissolved	ND		100	1	05/13/2025 17:28	WG2513898
Antimony	ND		4.00	1	05/13/2025 19:49	WG2513902
Arsenic	3.04		2.00	1	05/13/2025 19:49	WG2513902
Arsenic,Dissolved	2.94		2.00	1	05/13/2025 17:28	WG2513898
Barium	32.1		2.00	1	05/13/2025 19:49	WG2513902
Beryllium	ND		2.00	1	05/13/2025 20:36	WG2513902
Boron	536		150	5	05/13/2025 23:00	WG2513902
Cadmium	ND		1.00	1	05/13/2025 19:49	WG2513902
Cadmium,Dissolved	ND		1.00	1	05/13/2025 17:28	WG2513898
Calcium	246000		1000	1	05/13/2025 19:49	WG2513902
Chromium	ND		2.00	1	05/13/2025 19:49	WG2513902
Chromium,Dissolved	ND		2.00	1	05/13/2025 17:28	WG2513898
Copper	ND		5.00	1	05/13/2025 19:49	WG2513902
Copper,Dissolved	ND		5.00	1	05/13/2025 17:28	WG2513898
Cobalt	ND		2.00	1	05/13/2025 19:49	WG2513902
Iron	ND		100	1	05/13/2025 19:49	WG2513902
Lead	ND		2.00	1	05/13/2025 19:49	WG2513902
Lead,Dissolved	ND		2.00	1	05/13/2025 17:28	WG2513898
Magnesium	148000		1000	1	05/13/2025 19:49	WG2513902
Manganese	449		5.00	1	05/13/2025 19:49	WG2513902
Manganese,Dissolved	447		5.00	1	05/13/2025 17:28	WG2513898
Nickel	2.21		2.00	1	05/13/2025 19:49	WG2513902
Nickel,Dissolved	3.10		2.00	1	05/13/2025 17:28	WG2513898
Potassium	11800		2000	1	05/13/2025 19:49	WG2513902
Selenium	6.05		2.00	1	05/13/2025 19:49	WG2513902

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Selenium,Dissolved	5.37		2.00	1	05/13/2025 17:28	WG2513898
Silver	ND		2.00	1	05/13/2025 19:49	WG2513902
Silver,Dissolved	ND		2.00	1	05/13/2025 17:28	WG2513898
Sodium	287000		2000	1	05/13/2025 19:49	WG2513902
Thallium	ND		2.00	1	05/13/2025 19:49	WG2513902
Vanadium	ND		5.00	1	05/13/2025 19:49	WG2513902
Zinc	ND		25.0	1	05/13/2025 19:49	WG2513902
Zinc,Dissolved	ND		25.0	1	05/13/2025 17:28	WG2513898

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		100	1	05/13/2025 17:11	WG2513915
(S) a,a,a-Trifluorotoluene(FID)	*102*		*78.0-120*		*05/13/2025 17:11*	WG2513915

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/13/2025 19:40	WG2513624
Acrolein	ND	C3 J4	50.0	1	05/13/2025 19:40	WG2513624
Acrylonitrile	ND		10.0	1	05/13/2025 19:40	WG2513624
Benzene	ND		1.00	1	05/13/2025 19:40	WG2513624
Bromobenzene	ND		1.00	1	05/13/2025 19:40	WG2513624
Bromodichloromethane	ND		1.00	1	05/13/2025 19:40	WG2513624
Bromoform	ND		1.00	1	05/13/2025 19:40	WG2513624
Bromomethane	ND		5.00	1	05/13/2025 19:40	WG2513624
n-Butylbenzene	ND		1.00	1	05/13/2025 19:40	WG2513624
sec-Butylbenzene	ND		1.00	1	05/13/2025 19:40	WG2513624
tert-Butylbenzene	ND		1.00	1	05/13/2025 19:40	WG2513624
Carbon tetrachloride	ND	J4	1.00	1	05/13/2025 19:40	WG2513624
Chlorobenzene	ND		1.00	1	05/13/2025 19:40	WG2513624
Chlorodibromomethane	ND		1.00	1	05/13/2025 19:40	WG2513624
Chloroethane	ND		5.00	1	05/13/2025 19:40	WG2513624
Chloroform	ND		5.00	1	05/13/2025 19:40	WG2513624
Chloromethane	ND		2.50	1	05/13/2025 19:40	WG2513624
2-Chlorotoluene	ND		1.00	1	05/13/2025 19:40	WG2513624
4-Chlorotoluene	ND		1.00	1	05/13/2025 19:40	WG2513624
1,2-Dibromo-3-Chloropropane	ND	J3 J4	5.00	1	05/13/2025 19:40	WG2513624
1,2-Dibromoethane	ND		1.00	1	05/13/2025 19:40	WG2513624
Dibromomethane	ND		1.00	1	05/13/2025 19:40	WG2513624
1,2-Dichlorobenzene	ND		1.00	1	05/13/2025 19:40	WG2513624
1,3-Dichlorobenzene	ND		1.00	1	05/13/2025 19:40	WG2513624
1,4-Dichlorobenzene	ND		1.00	1	05/13/2025 19:40	WG2513624
Dichlorodifluoromethane	ND		5.00	1	05/13/2025 19:40	WG2513624
1,1-Dichloroethane	ND		1.00	1	05/13/2025 19:40	WG2513624
1,2-Dichloroethane	ND		1.00	1	05/13/2025 19:40	WG2513624
1,1-Dichloroethene	ND		1.00	1	05/13/2025 19:40	WG2513624
cis-1,2-Dichloroethene	ND		1.00	1	05/13/2025 19:40	WG2513624
trans-1,2-Dichloroethene	ND		1.00	1	05/13/2025 19:40	WG2513624
1,2-Dichloropropane	ND		1.00	1	05/13/2025 19:40	WG2513624
1,1-Dichloropropene	ND		1.00	1	05/13/2025 19:40	WG2513624
1,3-Dichloropropane	ND		1.00	1	05/13/2025 19:40	WG2513624
cis-1,3-Dichloropropene	ND		1.00	1	05/13/2025 19:40	WG2513624
trans-1,3-Dichloropropene	ND		1.00	1	05/13/2025 19:40	WG2513624
2,2-Dichloropropane	ND		1.00	1	05/13/2025 19:40	WG2513624

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Di-isopropyl ether	ND		1.00	1	05/13/2025 19:40	WG2513624
Ethylbenzene	ND		1.00	1	05/13/2025 19:40	WG2513624
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2025 19:40	WG2513624
Isopropylbenzene	ND		1.00	1	05/13/2025 19:40	WG2513624
p-Isopropyltoluene	ND		1.00	1	05/13/2025 19:40	WG2513624
2-Butanone (MEK)	ND		10.0	1	05/13/2025 19:40	WG2513624
Methylene Chloride	ND		5.00	1	05/13/2025 19:40	WG2513624
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/13/2025 19:40	WG2513624
Methyl tert-butyl ether	ND		1.00	1	05/13/2025 19:40	WG2513624
Naphthalene	ND	C3	5.00	1	05/13/2025 19:40	WG2513624
n-Propylbenzene	ND		1.00	1	05/13/2025 19:40	WG2513624
Styrene	ND		1.00	1	05/13/2025 19:40	WG2513624
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/13/2025 19:40	WG2513624
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/13/2025 19:40	WG2513624
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/13/2025 19:40	WG2513624
Tetrachloroethene	ND		1.00	1	05/13/2025 19:40	WG2513624
Toluene	ND		1.00	1	05/13/2025 19:40	WG2513624
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/13/2025 19:40	WG2513624
1,2,4-Trichlorobenzene	ND		1.00	1	05/13/2025 19:40	WG2513624
1,1,1-Trichloroethane	ND		1.00	1	05/13/2025 19:40	WG2513624
1,1,2-Trichloroethane	ND		1.00	1	05/13/2025 19:40	WG2513624
Trichloroethene	ND		1.00	1	05/13/2025 19:40	WG2513624
Trichlorofluoromethane	ND		5.00	1	05/13/2025 19:40	WG2513624
1,2,3-Trichloropropane	ND		2.50	1	05/13/2025 19:40	WG2513624
1,2,4-Trimethylbenzene	ND		1.00	1	05/13/2025 19:40	WG2513624
1,2,3-Trimethylbenzene	ND		1.00	1	05/13/2025 19:40	WG2513624
1,3,5-Trimethylbenzene	ND		1.00	1	05/13/2025 19:40	WG2513624
Vinyl chloride	ND		1.00	1	05/13/2025 19:40	WG2513624
Xylenes, Total	ND		3.00	1	05/13/2025 19:40	WG2513624
(S) Toluene-d8	*107*		*80.0-120*		*05/13/2025 19:40*	WG2513624
(S) 4-Bromofluorobenzene	*99.4*		*77.0-126*		*05/13/2025 19:40*	WG2513624
(S) 1,2-Dichloroethane-d4	*116*		*70.0-130*		*05/13/2025 19:40*	WG2513624

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		200	2	05/13/2025 23:24	WG2513812
C28-C36 Motor Oil Range	439		200	2	05/13/2025 23:24	WG2513812
(S) o-Terphenyl	*104*		*52.0-156*		*05/13/2025 23:24*	WG2513812

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acenaphthene	ND		1.00	1	05/14/2025 02:08	WG2513804
Acenaphthylene	ND		1.00	1	05/14/2025 02:08	WG2513804
Anthracene	ND		1.00	1	05/14/2025 02:08	WG2513804
Benzidine	ND	J4	10.0	1	05/14/2025 02:08	WG2513804
Benzo(a)anthracene	ND		1.00	1	05/14/2025 02:08	WG2513804
Benzo(b)fluoranthene	ND		1.00	1	05/14/2025 02:08	WG2513804
Benzo(k)fluoranthene	ND		1.00	1	05/14/2025 02:08	WG2513804
Benzo(g,h,i)perylene	ND		1.00	1	05/14/2025 02:08	WG2513804
Benzo(a)pyrene	ND		1.00	1	05/14/2025 02:08	WG2513804
Bis(2-chlorethoxy)methane	ND		10.0	1	05/14/2025 02:08	WG2513804
Bis(2-chloroethyl)ether	ND		10.0	1	05/14/2025 02:08	WG2513804
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	05/14/2025 02:08	WG2513804

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
4-Bromophenyl-phenylether	ND		10.0	1	05/14/2025 02:08	WG2513804
2-Chloronaphthalene	ND		1.00	1	05/14/2025 02:08	WG2513804
4-Chlorophenyl-phenylether	ND		10.0	1	05/14/2025 02:08	WG2513804
Chrysene	ND		1.00	1	05/14/2025 02:08	WG2513804
Dibenz(a,h)anthracene	ND		1.00	1	05/14/2025 02:08	WG2513804
1,2-Dichlorobenzene	ND		10.0	1	05/14/2025 02:08	WG2513804
1,3-Dichlorobenzene	ND		10.0	1	05/14/2025 02:08	WG2513804
1,4-Dichlorobenzene	ND		10.0	1	05/14/2025 02:08	WG2513804
3,3-Dichlorobenzidine	ND		10.0	1	05/14/2025 02:08	WG2513804
2,4-Dinitrotoluene	ND		10.0	1	05/14/2025 02:08	WG2513804
2,6-Dinitrotoluene	ND		10.0	1	05/14/2025 02:08	WG2513804
Fluoranthene	ND		1.00	1	05/14/2025 02:08	WG2513804
Fluorene	ND		1.00	1	05/14/2025 02:08	WG2513804
Hexachlorobenzene	ND		1.00	1	05/14/2025 02:08	WG2513804
Hexachloro-1,3-butadiene	ND		10.0	1	05/14/2025 02:08	WG2513804
Hexachlorocyclopentadiene	ND		10.0	1	05/14/2025 02:08	WG2513804
Hexachloroethane	ND		10.0	1	05/14/2025 02:08	WG2513804
Indeno(1,2,3-cd)pyrene	ND		1.00	1	05/14/2025 02:08	WG2513804
Isophorone	ND		10.0	1	05/14/2025 02:08	WG2513804
1-Methylnaphthalene	ND		1.00	1	05/14/2025 02:08	WG2513804
2-Methylnaphthalene	ND		1.00	1	05/14/2025 02:08	WG2513804
Naphthalene	ND		1.00	1	05/14/2025 02:08	WG2513804
Nitrobenzene	ND		10.0	1	05/14/2025 02:08	WG2513804
n-Nitrosodimethylamine	ND		10.0	1	05/14/2025 02:08	WG2513804
n-Nitrosodiphenylamine	ND		10.0	1	05/14/2025 02:08	WG2513804
n-Nitrosodi-n-propylamine	ND		10.0	1	05/14/2025 02:08	WG2513804
Phenanthrene	ND		1.00	1	05/14/2025 02:08	WG2513804
Benzylbutyl phthalate	ND		3.00	1	05/14/2025 02:08	WG2513804
Bis(2-ethylhexyl)phthalate	ND		3.00	1	05/14/2025 02:08	WG2513804
Di-n-butyl phthalate	ND		3.00	1	05/14/2025 02:08	WG2513804
Diethyl phthalate	ND		3.00	1	05/14/2025 02:08	WG2513804
Dimethyl phthalate	ND		3.00	1	05/14/2025 02:08	WG2513804
Di-n-octyl phthalate	ND		3.00	1	05/14/2025 02:08	WG2513804
Pyrene	ND		1.00	1	05/14/2025 02:08	WG2513804
1,2,4-Trichlorobenzene	ND		10.0	1	05/14/2025 02:08	WG2513804
4-Chloro-3-methylphenol	ND		10.0	1	05/14/2025 02:08	WG2513804
2-Chlorophenol	ND		10.0	1	05/14/2025 02:08	WG2513804
2,4-Dichlorophenol	ND		10.0	1	05/14/2025 02:08	WG2513804
2,4-Dimethylphenol	ND		10.0	1	05/14/2025 02:08	WG2513804
4,6-Dinitro-2-methylphenol	ND		10.0	1	05/14/2025 02:08	WG2513804
2,4-Dinitrophenol	ND		10.0	1	05/14/2025 02:08	WG2513804
2-Nitrophenol	ND		10.0	1	05/14/2025 02:08	WG2513804
4-Nitrophenol	ND		10.0	1	05/14/2025 02:08	WG2513804
Pentachlorophenol	ND		10.0	1	05/14/2025 02:08	WG2513804
Phenol	ND		10.0	1	05/14/2025 02:08	WG2513804
2,4,6-Trichlorophenol	ND		10.0	1	05/14/2025 02:08	WG2513804
(S) 2-Fluorophenol	*39.0*		*10.0-120*		*05/14/2025 02:08*	WG2513804
(S) Phenol-d5	*28.8*		*10.0-120*		*05/14/2025 02:08*	WG2513804
(S) Nitrobenzene-d5	*74.1*		*10.0-127*		*05/14/2025 02:08*	WG2513804
(S) 2-Fluorobiphenyl	*46.4*		*10.0-130*		*05/14/2025 02:08*	WG2513804
(S) 2,4,6-Tribromophenol	*52.5*		*10.0-155*		*05/14/2025 02:08*	WG2513804
(S) p-Terphenyl-d14	*25.7*		*10.0-128*		*05/14/2025 02:08*	WG2513804

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/13/2025 18:24	WG2513624
Acrolein	ND	C3 J4	50.0	1	05/13/2025 18:24	WG2513624
Acrylonitrile	ND		10.0	1	05/13/2025 18:24	WG2513624
Benzene	ND		1.00	1	05/13/2025 18:24	WG2513624
Bromobenzene	ND		1.00	1	05/13/2025 18:24	WG2513624
Bromodichloromethane	ND		1.00	1	05/13/2025 18:24	WG2513624
Bromoform	ND		1.00	1	05/13/2025 18:24	WG2513624
Bromomethane	ND		5.00	1	05/13/2025 18:24	WG2513624
n-Butylbenzene	ND		1.00	1	05/13/2025 18:24	WG2513624
sec-Butylbenzene	ND		1.00	1	05/13/2025 18:24	WG2513624
tert-Butylbenzene	ND		1.00	1	05/13/2025 18:24	WG2513624
Carbon tetrachloride	ND	J4	1.00	1	05/13/2025 18:24	WG2513624
Chlorobenzene	ND		1.00	1	05/13/2025 18:24	WG2513624
Chlorodibromomethane	ND		1.00	1	05/13/2025 18:24	WG2513624
Chloroethane	ND		5.00	1	05/13/2025 18:24	WG2513624
Chloroform	ND		5.00	1	05/13/2025 18:24	WG2513624
Chloromethane	ND		2.50	1	05/13/2025 18:24	WG2513624
2-Chlorotoluene	ND		1.00	1	05/13/2025 18:24	WG2513624
4-Chlorotoluene	ND		1.00	1	05/13/2025 18:24	WG2513624
1,2-Dibromo-3-Chloropropane	ND	J3 J4	5.00	1	05/13/2025 18:24	WG2513624
1,2-Dibromoethane	ND		1.00	1	05/13/2025 18:24	WG2513624
Dibromomethane	ND		1.00	1	05/13/2025 18:24	WG2513624
1,2-Dichlorobenzene	ND		1.00	1	05/13/2025 18:24	WG2513624
1,3-Dichlorobenzene	ND		1.00	1	05/13/2025 18:24	WG2513624
1,4-Dichlorobenzene	ND		1.00	1	05/13/2025 18:24	WG2513624
Dichlorodifluoromethane	ND		5.00	1	05/13/2025 18:24	WG2513624
1,1-Dichloroethane	ND		1.00	1	05/13/2025 18:24	WG2513624
1,2-Dichloroethane	ND		1.00	1	05/13/2025 18:24	WG2513624
1,1-Dichloroethene	ND		1.00	1	05/13/2025 18:24	WG2513624
cis-1,2-Dichloroethene	ND		1.00	1	05/13/2025 18:24	WG2513624
trans-1,2-Dichloroethene	ND		1.00	1	05/13/2025 18:24	WG2513624
1,2-Dichloropropane	ND		1.00	1	05/13/2025 18:24	WG2513624
1,1-Dichloropropene	ND		1.00	1	05/13/2025 18:24	WG2513624
1,3-Dichloropropane	ND		1.00	1	05/13/2025 18:24	WG2513624
cis-1,3-Dichloropropene	ND		1.00	1	05/13/2025 18:24	WG2513624
trans-1,3-Dichloropropene	ND		1.00	1	05/13/2025 18:24	WG2513624
2,2-Dichloropropane	ND		1.00	1	05/13/2025 18:24	WG2513624
Di-isopropyl ether	ND		1.00	1	05/13/2025 18:24	WG2513624
Ethylbenzene	ND		1.00	1	05/13/2025 18:24	WG2513624
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2025 18:24	WG2513624
Isopropylbenzene	ND		1.00	1	05/13/2025 18:24	WG2513624
p-Isopropyltoluene	ND		1.00	1	05/13/2025 18:24	WG2513624
2-Butanone (MEK)	ND		10.0	1	05/13/2025 18:24	WG2513624
Methylene Chloride	ND		5.00	1	05/13/2025 18:24	WG2513624
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/13/2025 18:24	WG2513624
Methyl tert-butyl ether	ND		1.00	1	05/13/2025 18:24	WG2513624
Naphthalene	ND	C3	5.00	1	05/13/2025 18:24	WG2513624
n-Propylbenzene	ND		1.00	1	05/13/2025 18:24	WG2513624
Styrene	ND		1.00	1	05/13/2025 18:24	WG2513624
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/13/2025 18:24	WG2513624
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/13/2025 18:24	WG2513624
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/13/2025 18:24	WG2513624
Tetrachloroethene	ND		1.00	1	05/13/2025 18:24	WG2513624
Toluene	ND		1.00	1	05/13/2025 18:24	WG2513624
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/13/2025 18:24	WG2513624
1,2,4-Trichlorobenzene	ND		1.00	1	05/13/2025 18:24	WG2513624

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	05/13/2025 18:24	WG2513624
1,1,2-Trichloroethane	ND		1.00	1	05/13/2025 18:24	WG2513624
Trichloroethene	ND		1.00	1	05/13/2025 18:24	WG2513624
Trichlorofluoromethane	ND		5.00	1	05/13/2025 18:24	WG2513624
1,2,3-Trichloropropane	ND		2.50	1	05/13/2025 18:24	WG2513624
1,2,4-Trimethylbenzene	ND		1.00	1	05/13/2025 18:24	WG2513624
1,2,3-Trimethylbenzene	ND		1.00	1	05/13/2025 18:24	WG2513624
1,3,5-Trimethylbenzene	ND		1.00	1	05/13/2025 18:24	WG2513624
Vinyl chloride	ND		1.00	1	05/13/2025 18:24	WG2513624
Xylenes, Total	ND		3.00	1	05/13/2025 18:24	WG2513624
(S) Toluene-d8	*104*		*80.0-120*		*05/13/2025 18:24*	WG2513624
(S) 4-Bromofluorobenzene	*101*		*77.0-126*		*05/13/2025 18:24*	WG2513624
(S) 1,2-Dichloroethane-d4	*117*		*70.0-130*		*05/13/2025 18:24*	WG2513624

Calculated Results

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Total Nitrogen	4130		100	1	05/14/2025 16:13	WG2513932

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Dissolved Solids	964000		20000	1	05/13/2025 21:52	WG2513941

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Suspended Solids	53200		2500	1	05/13/2025 15:10	WG2513799

Wet Chemistry by Method 130.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Hardness (colorimetric) as CaCO3	1270000		150000	5	05/14/2025 13:23	WG2514015

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	395000		20000	1	05/13/2025 15:42	WG2513952

Sample Narrative:

L1858014-21 WG2513952: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Bromide	ND	J6	1000	1	05/13/2025 20:51	WG2513712
Chloride	15100	J6	1000	1	05/13/2025 20:51	WG2513712
Fluoride	2670		150	1	05/13/2025 20:51	WG2513712
Nitrate as (N)	3720		100	1	05/13/2025 20:51	WG2513712
Nitrite as (N)	ND		100	1	05/13/2025 20:51	WG2513712
Sulfate	367000		50000	10	05/13/2025 21:59	WG2513712

Sample Narrative:

L1858014-21 WG2513712: Dilution due to matrix impact on instrumentation at lower dilution

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Ammonia Nitrogen	ND		100	1	05/13/2025 16:02	WG2513792

Wet Chemistry by Method 351.2

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Kjeldahl Nitrogen, TKN	405		250	1	05/14/2025 16:13	WG2513932

Wet Chemistry by Method 365.4

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Phosphorus,Total	ND		100	1	05/14/2025 16:14	WG2515004

Wet Chemistry by Method 5310 B-2014

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	2960		1000	1	05/13/2025 22:21	WG2513836

Wet Chemistry by Method 5540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
MBAS	ND		100	1	05/13/2025 16:09	WG2513929

Wet Chemistry by Method 7199

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	05/13/2025 20:06	WG2513895

Wet Chemistry by Method 9040C

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.60	T8	1	05/13/2025 14:27	WG2513600

Sample Narrative:

L1858014-21 WG2513600: 7.6 at 20.5C

Mercury by Method 7470A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	05/13/2025 19:08	WG2513837

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Aluminum	ND		100	1	05/13/2025 19:52	WG2513902
Aluminum,Dissolved	ND		100	1	05/13/2025 17:31	WG2513898
Antimony	ND		4.00	1	05/13/2025 19:52	WG2513902
Arsenic	ND		2.00	1	05/13/2025 19:52	WG2513902
Arsenic,Dissolved	ND		2.00	1	05/13/2025 17:31	WG2513898
Barium	33.9		2.00	1	05/13/2025 19:52	WG2513902
Beryllium	ND		2.00	1	05/13/2025 20:39	WG2513902
Boron	346		30.0	1	05/13/2025 23:04	WG2513902
Cadmium	ND		1.00	1	05/13/2025 19:52	WG2513902
Cadmium,Dissolved	ND		1.00	1	05/13/2025 17:31	WG2513898
Calcium	115000		1000	1	05/13/2025 19:52	WG2513902
Chromium	ND		2.00	1	05/13/2025 19:52	WG2513902
Chromium,Dissolved	ND		2.00	1	05/13/2025 17:31	WG2513898
Copper	ND		5.00	1	05/13/2025 19:52	WG2513902
Copper,Dissolved	ND		5.00	1	05/13/2025 17:31	WG2513898
Cobalt	ND		2.00	1	05/13/2025 19:52	WG2513902
Iron	ND		100	1	05/13/2025 19:52	WG2513902
Lead	ND		2.00	1	05/13/2025 19:52	WG2513902
Lead,Dissolved	ND		2.00	1	05/13/2025 17:31	WG2513898
Magnesium	78000		1000	1	05/13/2025 19:52	WG2513902
Manganese	6.40		5.00	1	05/13/2025 19:52	WG2513902
Manganese,Dissolved	ND		5.00	1	05/13/2025 17:31	WG2513898
Nickel	ND		2.00	1	05/13/2025 19:52	WG2513902
Nickel,Dissolved	ND		2.00	1	05/13/2025 17:31	WG2513898
Potassium	2120		2000	1	05/13/2025 19:52	WG2513902
Selenium	5.73		2.00	1	05/13/2025 19:52	WG2513902

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Selenium,Dissolved	5.48		2.00	1	05/13/2025 17:31	WG2513898
Silver	ND		2.00	1	05/13/2025 19:52	WG2513902
Silver,Dissolved	ND		2.00	1	05/13/2025 17:31	WG2513898
Sodium	94500		2000	1	05/13/2025 19:52	WG2513902
Thallium	ND		2.00	1	05/13/2025 19:52	WG2513902
Vanadium	ND		5.00	1	05/13/2025 19:52	WG2513902
Zinc	ND		25.0	1	05/13/2025 19:52	WG2513902
Zinc,Dissolved	ND		25.0	1	05/13/2025 17:31	WG2513898

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		100	1	05/13/2025 17:30	WG2513915
(S) a,a,a-Trifluorotoluene(FID)	*102*		*78.0-120*		*05/13/2025 17:30*	WG2513915

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/13/2025 19:59	WG2513624
Acrolein	ND	C3 J4	50.0	1	05/13/2025 19:59	WG2513624
Acrylonitrile	ND		10.0	1	05/13/2025 19:59	WG2513624
Benzene	ND		1.00	1	05/13/2025 19:59	WG2513624
Bromobenzene	ND		1.00	1	05/13/2025 19:59	WG2513624
Bromodichloromethane	ND		1.00	1	05/13/2025 19:59	WG2513624
Bromoform	ND		1.00	1	05/13/2025 19:59	WG2513624
Bromomethane	ND		5.00	1	05/13/2025 19:59	WG2513624
n-Butylbenzene	ND		1.00	1	05/13/2025 19:59	WG2513624
sec-Butylbenzene	ND		1.00	1	05/13/2025 19:59	WG2513624
tert-Butylbenzene	ND		1.00	1	05/13/2025 19:59	WG2513624
Carbon tetrachloride	ND	J4	1.00	1	05/13/2025 19:59	WG2513624
Chlorobenzene	ND		1.00	1	05/13/2025 19:59	WG2513624
Chlorodibromomethane	ND		1.00	1	05/13/2025 19:59	WG2513624
Chloroethane	ND		5.00	1	05/13/2025 19:59	WG2513624
Chloroform	ND		5.00	1	05/13/2025 19:59	WG2513624
Chloromethane	ND		2.50	1	05/13/2025 19:59	WG2513624
2-Chlorotoluene	ND		1.00	1	05/13/2025 19:59	WG2513624
4-Chlorotoluene	ND		1.00	1	05/13/2025 19:59	WG2513624
1,2-Dibromo-3-Chloropropane	ND	J3 J4	5.00	1	05/13/2025 19:59	WG2513624
1,2-Dibromoethane	ND		1.00	1	05/13/2025 19:59	WG2513624
Dibromomethane	ND		1.00	1	05/13/2025 19:59	WG2513624
1,2-Dichlorobenzene	ND		1.00	1	05/13/2025 19:59	WG2513624
1,3-Dichlorobenzene	ND		1.00	1	05/13/2025 19:59	WG2513624
1,4-Dichlorobenzene	ND		1.00	1	05/13/2025 19:59	WG2513624
Dichlorodifluoromethane	ND		5.00	1	05/13/2025 19:59	WG2513624
1,1-Dichloroethane	ND		1.00	1	05/13/2025 19:59	WG2513624
1,2-Dichloroethane	ND		1.00	1	05/13/2025 19:59	WG2513624
1,1-Dichloroethene	ND		1.00	1	05/13/2025 19:59	WG2513624
cis-1,2-Dichloroethene	ND		1.00	1	05/13/2025 19:59	WG2513624
trans-1,2-Dichloroethene	ND		1.00	1	05/13/2025 19:59	WG2513624
1,2-Dichloropropane	ND		1.00	1	05/13/2025 19:59	WG2513624
1,1-Dichloropropene	ND		1.00	1	05/13/2025 19:59	WG2513624
1,3-Dichloropropane	ND		1.00	1	05/13/2025 19:59	WG2513624
cis-1,3-Dichloropropene	ND		1.00	1	05/13/2025 19:59	WG2513624
trans-1,3-Dichloropropene	ND		1.00	1	05/13/2025 19:59	WG2513624
2,2-Dichloropropane	ND		1.00	1	05/13/2025 19:59	WG2513624

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Di-isopropyl ether	ND		1.00	1	05/13/2025 19:59	WG2513624
Ethylbenzene	ND		1.00	1	05/13/2025 19:59	WG2513624
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2025 19:59	WG2513624
Isopropylbenzene	ND		1.00	1	05/13/2025 19:59	WG2513624
p-Isopropyltoluene	ND		1.00	1	05/13/2025 19:59	WG2513624
2-Butanone (MEK)	ND		10.0	1	05/13/2025 19:59	WG2513624
Methylene Chloride	ND		5.00	1	05/13/2025 19:59	WG2513624
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/13/2025 19:59	WG2513624
Methyl tert-butyl ether	ND		1.00	1	05/13/2025 19:59	WG2513624
Naphthalene	ND	C3	5.00	1	05/13/2025 19:59	WG2513624
n-Propylbenzene	ND		1.00	1	05/13/2025 19:59	WG2513624
Styrene	ND		1.00	1	05/13/2025 19:59	WG2513624
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/13/2025 19:59	WG2513624
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/13/2025 19:59	WG2513624
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/13/2025 19:59	WG2513624
Tetrachloroethene	ND		1.00	1	05/13/2025 19:59	WG2513624
Toluene	ND		1.00	1	05/13/2025 19:59	WG2513624
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/13/2025 19:59	WG2513624
1,2,4-Trichlorobenzene	ND		1.00	1	05/13/2025 19:59	WG2513624
1,1,1-Trichloroethane	ND		1.00	1	05/13/2025 19:59	WG2513624
1,1,2-Trichloroethane	ND		1.00	1	05/13/2025 19:59	WG2513624
Trichloroethene	ND		1.00	1	05/13/2025 19:59	WG2513624
Trichlorofluoromethane	ND		5.00	1	05/13/2025 19:59	WG2513624
1,2,3-Trichloropropane	ND		2.50	1	05/13/2025 19:59	WG2513624
1,2,4-Trimethylbenzene	ND		1.00	1	05/13/2025 19:59	WG2513624
1,2,3-Trimethylbenzene	ND		1.00	1	05/13/2025 19:59	WG2513624
1,3,5-Trimethylbenzene	ND		1.00	1	05/13/2025 19:59	WG2513624
Vinyl chloride	ND		1.00	1	05/13/2025 19:59	WG2513624
Xylenes, Total	ND		3.00	1	05/13/2025 19:59	WG2513624
(S) Toluene-d8	*101*		*80.0-120*		*05/13/2025 19:59*	WG2513624
(S) 4-Bromofluorobenzene	*93.4*		*77.0-126*		*05/13/2025 19:59*	WG2513624
(S) 1,2-Dichloroethane-d4	*117*		*70.0-130*		*05/13/2025 19:59*	WG2513624

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		100	1	05/14/2025 00:09	WG2513812
C28-C36 Motor Oil Range	230		100	1	05/14/2025 00:09	WG2513812
(S) o-Terphenyl	*120*		*52.0-156*		*05/14/2025 00:09*	WG2513812

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acenaphthene	ND		1.00	1	05/14/2025 00:20	WG2513804
Acenaphthylene	ND		1.00	1	05/14/2025 00:20	WG2513804
Anthracene	ND		1.00	1	05/14/2025 00:20	WG2513804
Benzidine	ND	J4	10.0	1	05/14/2025 00:20	WG2513804
Benzo(a)anthracene	ND		1.00	1	05/14/2025 00:20	WG2513804
Benzo(b)fluoranthene	ND		1.00	1	05/14/2025 00:20	WG2513804
Benzo(k)fluoranthene	ND		1.00	1	05/14/2025 00:20	WG2513804
Benzo(g,h,i)perylene	ND		1.00	1	05/14/2025 00:20	WG2513804
Benzo(a)pyrene	ND		1.00	1	05/14/2025 00:20	WG2513804
Bis(2-chlorethoxy)methane	ND		10.0	1	05/14/2025 00:20	WG2513804
Bis(2-chloroethyl)ether	ND		10.0	1	05/14/2025 00:20	WG2513804
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	05/14/2025 00:20	WG2513804

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
4-Bromophenyl-phenylether	ND		10.0	1	05/14/2025 00:20	WG2513804
2-Chloronaphthalene	ND		1.00	1	05/14/2025 00:20	WG2513804
4-Chlorophenyl-phenylether	ND		10.0	1	05/14/2025 00:20	WG2513804
Chrysene	ND		1.00	1	05/14/2025 00:20	WG2513804
Dibenz(a,h)anthracene	ND		1.00	1	05/14/2025 00:20	WG2513804
1,2-Dichlorobenzene	ND		10.0	1	05/14/2025 00:20	WG2513804
1,3-Dichlorobenzene	ND		10.0	1	05/14/2025 00:20	WG2513804
1,4-Dichlorobenzene	ND		10.0	1	05/14/2025 00:20	WG2513804
3,3-Dichlorobenzidine	ND		10.0	1	05/14/2025 00:20	WG2513804
2,4-Dinitrotoluene	ND		10.0	1	05/14/2025 00:20	WG2513804
2,6-Dinitrotoluene	ND		10.0	1	05/14/2025 00:20	WG2513804
Fluoranthene	ND		1.00	1	05/14/2025 00:20	WG2513804
Fluorene	ND		1.00	1	05/14/2025 00:20	WG2513804
Hexachlorobenzene	ND		1.00	1	05/14/2025 00:20	WG2513804
Hexachloro-1,3-butadiene	ND		10.0	1	05/14/2025 00:20	WG2513804
Hexachlorocyclopentadiene	ND		10.0	1	05/14/2025 00:20	WG2513804
Hexachloroethane	ND		10.0	1	05/14/2025 00:20	WG2513804
Indeno(1,2,3-cd)pyrene	ND		1.00	1	05/14/2025 00:20	WG2513804
Isophorone	ND		10.0	1	05/14/2025 00:20	WG2513804
1-Methylnaphthalene	ND		1.00	1	05/14/2025 00:20	WG2513804
2-Methylnaphthalene	ND		1.00	1	05/14/2025 00:20	WG2513804
Naphthalene	ND		1.00	1	05/14/2025 00:20	WG2513804
Nitrobenzene	ND		10.0	1	05/14/2025 00:20	WG2513804
n-Nitrosodimethylamine	ND		10.0	1	05/14/2025 00:20	WG2513804
n-Nitrosodiphenylamine	ND		10.0	1	05/14/2025 00:20	WG2513804
n-Nitrosodi-n-propylamine	ND		10.0	1	05/14/2025 00:20	WG2513804
Phenanthrene	ND		1.00	1	05/14/2025 00:20	WG2513804
Benzylbutyl phthalate	ND		3.00	1	05/14/2025 00:20	WG2513804
Bis(2-ethylhexyl)phthalate	ND		3.00	1	05/14/2025 00:20	WG2513804
Di-n-butyl phthalate	ND		3.00	1	05/14/2025 00:20	WG2513804
Diethyl phthalate	ND		3.00	1	05/14/2025 00:20	WG2513804
Dimethyl phthalate	ND		3.00	1	05/14/2025 00:20	WG2513804
Di-n-octyl phthalate	ND		3.00	1	05/14/2025 00:20	WG2513804
Pyrene	ND		1.00	1	05/14/2025 00:20	WG2513804
1,2,4-Trichlorobenzene	ND		10.0	1	05/14/2025 00:20	WG2513804
4-Chloro-3-methylphenol	ND		10.0	1	05/14/2025 00:20	WG2513804
2-Chlorophenol	ND		10.0	1	05/14/2025 00:20	WG2513804
2,4-Dichlorophenol	ND		10.0	1	05/14/2025 00:20	WG2513804
2,4-Dimethylphenol	ND		10.0	1	05/14/2025 00:20	WG2513804
4,6-Dinitro-2-methylphenol	ND		10.0	1	05/14/2025 00:20	WG2513804
2,4-Dinitrophenol	ND		10.0	1	05/14/2025 00:20	WG2513804
2-Nitrophenol	ND		10.0	1	05/14/2025 00:20	WG2513804
4-Nitrophenol	ND		10.0	1	05/14/2025 00:20	WG2513804
Pentachlorophenol	ND		10.0	1	05/14/2025 00:20	WG2513804
Phenol	ND		10.0	1	05/14/2025 00:20	WG2513804
2,4,6-Trichlorophenol	ND		10.0	1	05/14/2025 00:20	WG2513804
(S) 2-Fluorophenol	*52.5*		*10.0-120*		*05/14/2025 00:20*	WG2513804
(S) Phenol-d5	*33.8*		*10.0-120*		*05/14/2025 00:20*	WG2513804
(S) Nitrobenzene-d5	*91.9*		*10.0-127*		*05/14/2025 00:20*	WG2513804
(S) 2-Fluorobiphenyl	*79.0*		*10.0-130*		*05/14/2025 00:20*	WG2513804
(S) 2,4,6-Tribromophenol	*64.5*		*10.0-155*		*05/14/2025 00:20*	WG2513804
(S) p-Terphenyl-d14	*81.5*		*10.0-128*		*05/14/2025 00:20*	WG2513804

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/13/2025 18:43	WG2513624
Acrolein	ND	C3 J4	50.0	1	05/13/2025 18:43	WG2513624
Acrylonitrile	ND		10.0	1	05/13/2025 18:43	WG2513624
Benzene	ND		1.00	1	05/13/2025 18:43	WG2513624
Bromobenzene	ND		1.00	1	05/13/2025 18:43	WG2513624
Bromodichloromethane	ND		1.00	1	05/13/2025 18:43	WG2513624
Bromoform	ND		1.00	1	05/13/2025 18:43	WG2513624
Bromomethane	ND		5.00	1	05/13/2025 18:43	WG2513624
n-Butylbenzene	ND		1.00	1	05/13/2025 18:43	WG2513624
sec-Butylbenzene	ND		1.00	1	05/13/2025 18:43	WG2513624
tert-Butylbenzene	ND		1.00	1	05/13/2025 18:43	WG2513624
Carbon tetrachloride	ND	J4	1.00	1	05/13/2025 18:43	WG2513624
Chlorobenzene	ND		1.00	1	05/13/2025 18:43	WG2513624
Chlorodibromomethane	ND		1.00	1	05/13/2025 18:43	WG2513624
Chloroethane	ND		5.00	1	05/13/2025 18:43	WG2513624
Chloroform	ND		5.00	1	05/13/2025 18:43	WG2513624
Chloromethane	ND		2.50	1	05/13/2025 18:43	WG2513624
2-Chlorotoluene	ND		1.00	1	05/13/2025 18:43	WG2513624
4-Chlorotoluene	ND		1.00	1	05/13/2025 18:43	WG2513624
1,2-Dibromo-3-Chloropropane	ND	J3 J4	5.00	1	05/13/2025 18:43	WG2513624
1,2-Dibromoethane	ND		1.00	1	05/13/2025 18:43	WG2513624
Dibromomethane	ND		1.00	1	05/13/2025 18:43	WG2513624
1,2-Dichlorobenzene	ND		1.00	1	05/13/2025 18:43	WG2513624
1,3-Dichlorobenzene	ND		1.00	1	05/13/2025 18:43	WG2513624
1,4-Dichlorobenzene	ND		1.00	1	05/13/2025 18:43	WG2513624
Dichlorodifluoromethane	ND		5.00	1	05/13/2025 18:43	WG2513624
1,1-Dichloroethane	ND		1.00	1	05/13/2025 18:43	WG2513624
1,2-Dichloroethane	ND		1.00	1	05/13/2025 18:43	WG2513624
1,1-Dichloroethene	ND		1.00	1	05/13/2025 18:43	WG2513624
cis-1,2-Dichloroethene	ND		1.00	1	05/13/2025 18:43	WG2513624
trans-1,2-Dichloroethene	ND		1.00	1	05/13/2025 18:43	WG2513624
1,2-Dichloropropane	ND		1.00	1	05/13/2025 18:43	WG2513624
1,1-Dichloropropene	ND		1.00	1	05/13/2025 18:43	WG2513624
1,3-Dichloropropane	ND		1.00	1	05/13/2025 18:43	WG2513624
cis-1,3-Dichloropropene	ND		1.00	1	05/13/2025 18:43	WG2513624
trans-1,3-Dichloropropene	ND		1.00	1	05/13/2025 18:43	WG2513624
2,2-Dichloropropane	ND		1.00	1	05/13/2025 18:43	WG2513624
Di-isopropyl ether	ND		1.00	1	05/13/2025 18:43	WG2513624
Ethylbenzene	ND		1.00	1	05/13/2025 18:43	WG2513624
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2025 18:43	WG2513624
Isopropylbenzene	ND		1.00	1	05/13/2025 18:43	WG2513624
p-Isopropyltoluene	ND		1.00	1	05/13/2025 18:43	WG2513624
2-Butanone (MEK)	ND		10.0	1	05/13/2025 18:43	WG2513624
Methylene Chloride	ND		5.00	1	05/13/2025 18:43	WG2513624
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/13/2025 18:43	WG2513624
Methyl tert-butyl ether	ND		1.00	1	05/13/2025 18:43	WG2513624
Naphthalene	ND	C3	5.00	1	05/13/2025 18:43	WG2513624
n-Propylbenzene	ND		1.00	1	05/13/2025 18:43	WG2513624
Styrene	ND		1.00	1	05/13/2025 18:43	WG2513624
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/13/2025 18:43	WG2513624
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/13/2025 18:43	WG2513624
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/13/2025 18:43	WG2513624
Tetrachloroethene	ND		1.00	1	05/13/2025 18:43	WG2513624
Toluene	ND		1.00	1	05/13/2025 18:43	WG2513624
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/13/2025 18:43	WG2513624
1,2,4-Trichlorobenzene	ND		1.00	1	05/13/2025 18:43	WG2513624

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	05/13/2025 18:43	WG2513624
1,1,2-Trichloroethane	ND		1.00	1	05/13/2025 18:43	WG2513624
Trichloroethene	ND		1.00	1	05/13/2025 18:43	WG2513624
Trichlorofluoromethane	ND		5.00	1	05/13/2025 18:43	WG2513624
1,2,3-Trichloropropane	ND		2.50	1	05/13/2025 18:43	WG2513624
1,2,4-Trimethylbenzene	ND		1.00	1	05/13/2025 18:43	WG2513624
1,2,3-Trimethylbenzene	ND		1.00	1	05/13/2025 18:43	WG2513624
1,3,5-Trimethylbenzene	ND		1.00	1	05/13/2025 18:43	WG2513624
Vinyl chloride	ND		1.00	1	05/13/2025 18:43	WG2513624
Xylenes, Total	ND		3.00	1	05/13/2025 18:43	WG2513624
(S) Toluene-d8	*102*		*80.0-120*		*05/13/2025 18:43*	WG2513624
(S) 4-Bromofluorobenzene	*103*		*77.0-126*		*05/13/2025 18:43*	WG2513624
(S) 1,2-Dichloroethane-d4	*116*		*70.0-130*		*05/13/2025 18:43*	WG2513624

Calculated Results

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Total Nitrogen	ND		100	1	05/14/2025 16:13	WG2513932

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Dissolved Solids	ND		10000	1	05/13/2025 21:52	WG2513941

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Suspended Solids	ND		2500	1	05/13/2025 15:10	WG2513799

Wet Chemistry by Method 130.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Hardness (colorimetric) as CaCO3	ND		30000	1	05/14/2025 13:24	WG2514015

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	ND		20000	1	05/13/2025 15:45	WG2513952

Sample Narrative:

L1858014-23 WG2513952: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Bromide	ND		1000	1	05/13/2025 22:26	WG2513712
Chloride	ND		1000	1	05/13/2025 22:26	WG2513712
Fluoride	ND		150	1	05/13/2025 22:26	WG2513712
Nitrate as (N)	ND		100	1	05/13/2025 22:26	WG2513712
Nitrite as (N)	ND		100	1	05/13/2025 22:26	WG2513712
Sulfate	ND		5000	1	05/13/2025 22:26	WG2513712

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Ammonia Nitrogen	ND		100	1	05/13/2025 16:04	WG2513792

Wet Chemistry by Method 351.2

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Kjeldahl Nitrogen, TKN	ND		250	1	05/14/2025 16:13	WG2513932

Wet Chemistry by Method 365.4

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Phosphorus,Total	ND		100	1	05/14/2025 16:16	WG2515004

Wet Chemistry by Method 5310 B-2014

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	ND		1000	1	05/13/2025 22:40	WG2513836

Wet Chemistry by Method 5540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
MBAS	ND		100	1	05/13/2025 16:09	WG2513929

Wet Chemistry by Method 7199

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	05/13/2025 20:32	WG2513895

Wet Chemistry by Method 9040C

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	6.00	T8	1	05/13/2025 14:27	WG2513600

Sample Narrative:

L1858014-23 WG2513600: 6 at 20.6C

Mercury by Method 7470A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	05/13/2025 19:16	WG2513837

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Aluminum	ND		100	1	05/13/2025 20:20	WG2513902
Aluminum,Dissolved	ND		100	1	05/13/2025 17:35	WG2513898
Antimony	ND		4.00	1	05/13/2025 20:20	WG2513902
Arsenic	ND		2.00	1	05/13/2025 20:20	WG2513902
Arsenic,Dissolved	ND		2.00	1	05/13/2025 17:35	WG2513898
Barium	ND		2.00	1	05/13/2025 20:20	WG2513902
Beryllium	ND		2.00	1	05/13/2025 20:42	WG2513902
Boron	ND		30.0	1	05/13/2025 23:07	WG2513902
Cadmium	ND		1.00	1	05/13/2025 20:20	WG2513902
Cadmium,Dissolved	ND		1.00	1	05/13/2025 17:35	WG2513898
Calcium	ND		1000	1	05/13/2025 20:20	WG2513902
Chromium	ND		2.00	1	05/13/2025 20:20	WG2513902
Chromium,Dissolved	ND		2.00	1	05/13/2025 17:35	WG2513898
Copper	ND		5.00	1	05/13/2025 20:20	WG2513902
Copper,Dissolved	ND		5.00	1	05/13/2025 17:35	WG2513898
Cobalt	ND		2.00	1	05/13/2025 20:20	WG2513902
Iron	ND		100	1	05/13/2025 20:20	WG2513902
Lead	ND		2.00	1	05/13/2025 20:20	WG2513902
Lead,Dissolved	ND		2.00	1	05/13/2025 17:35	WG2513898
Magnesium	ND		1000	1	05/13/2025 20:20	WG2513902
Manganese	ND		5.00	1	05/13/2025 20:20	WG2513902
Manganese,Dissolved	ND		5.00	1	05/13/2025 17:35	WG2513898
Nickel	ND		2.00	1	05/13/2025 20:20	WG2513902
Nickel,Dissolved	ND		2.00	1	05/13/2025 17:35	WG2513898
Potassium	ND		2000	1	05/13/2025 20:20	WG2513902
Selenium	ND		2.00	1	05/13/2025 20:20	WG2513902

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Selenium,Dissolved	ND		2.00	1	05/13/2025 17:35	WG2513898
Silver	ND		2.00	1	05/13/2025 20:20	WG2513902
Silver,Dissolved	ND		2.00	1	05/13/2025 17:35	WG2513898
Sodium	ND		2000	1	05/13/2025 20:20	WG2513902
Thallium	ND		2.00	1	05/13/2025 20:20	WG2513902
Vanadium	ND		5.00	1	05/13/2025 20:20	WG2513902
Zinc	ND		25.0	1	05/13/2025 20:20	WG2513902
Zinc,Dissolved	ND		25.0	1	05/13/2025 17:35	WG2513898

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		100	1	05/13/2025 17:50	WG2513915
(S) a,a,a-Trifluorotoluene(FID)	*102*		*78.0-120*		*05/13/2025 17:50*	WG2513915

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/13/2025 20:18	WG2513624
Acrolein	ND	C3 J4	50.0	1	05/13/2025 20:18	WG2513624
Acrylonitrile	ND		10.0	1	05/13/2025 20:18	WG2513624
Benzene	ND		1.00	1	05/13/2025 20:18	WG2513624
Bromobenzene	ND		1.00	1	05/13/2025 20:18	WG2513624
Bromodichloromethane	9.68		1.00	1	05/13/2025 20:18	WG2513624
Bromoform	ND		1.00	1	05/13/2025 20:18	WG2513624
Bromomethane	ND		5.00	1	05/13/2025 20:18	WG2513624
n-Butylbenzene	ND		1.00	1	05/13/2025 20:18	WG2513624
sec-Butylbenzene	ND		1.00	1	05/13/2025 20:18	WG2513624
tert-Butylbenzene	ND		1.00	1	05/13/2025 20:18	WG2513624
Carbon tetrachloride	ND	J4	1.00	1	05/13/2025 20:18	WG2513624
Chlorobenzene	ND		1.00	1	05/13/2025 20:18	WG2513624
Chlorodibromomethane	1.80		1.00	1	05/13/2025 20:18	WG2513624
Chloroethane	ND		5.00	1	05/13/2025 20:18	WG2513624
Chloroform	15.2		5.00	1	05/13/2025 20:18	WG2513624
Chloromethane	ND		2.50	1	05/13/2025 20:18	WG2513624
2-Chlorotoluene	ND		1.00	1	05/13/2025 20:18	WG2513624
4-Chlorotoluene	ND		1.00	1	05/13/2025 20:18	WG2513624
1,2-Dibromo-3-Chloropropane	ND	J3 J4	5.00	1	05/13/2025 20:18	WG2513624
1,2-Dibromoethane	ND		1.00	1	05/13/2025 20:18	WG2513624
Dibromomethane	ND		1.00	1	05/13/2025 20:18	WG2513624
1,2-Dichlorobenzene	ND		1.00	1	05/13/2025 20:18	WG2513624
1,3-Dichlorobenzene	ND		1.00	1	05/13/2025 20:18	WG2513624
1,4-Dichlorobenzene	ND		1.00	1	05/13/2025 20:18	WG2513624
Dichlorodifluoromethane	ND		5.00	1	05/13/2025 20:18	WG2513624
1,1-Dichloroethane	ND		1.00	1	05/13/2025 20:18	WG2513624
1,2-Dichloroethane	ND		1.00	1	05/13/2025 20:18	WG2513624
1,1-Dichloroethene	ND		1.00	1	05/13/2025 20:18	WG2513624
cis-1,2-Dichloroethene	ND		1.00	1	05/13/2025 20:18	WG2513624
trans-1,2-Dichloroethene	ND		1.00	1	05/13/2025 20:18	WG2513624
1,2-Dichloropropane	ND		1.00	1	05/13/2025 20:18	WG2513624
1,1-Dichloropropene	ND		1.00	1	05/13/2025 20:18	WG2513624
1,3-Dichloropropane	ND		1.00	1	05/13/2025 20:18	WG2513624
cis-1,3-Dichloropropene	ND		1.00	1	05/13/2025 20:18	WG2513624
trans-1,3-Dichloropropene	ND		1.00	1	05/13/2025 20:18	WG2513624
2,2-Dichloropropane	ND		1.00	1	05/13/2025 20:18	WG2513624

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Di-isopropyl ether	ND		1.00	1	05/13/2025 20:18	WG2513624
Ethylbenzene	ND		1.00	1	05/13/2025 20:18	WG2513624
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2025 20:18	WG2513624
Isopropylbenzene	ND		1.00	1	05/13/2025 20:18	WG2513624
p-Isopropyltoluene	ND		1.00	1	05/13/2025 20:18	WG2513624
2-Butanone (MEK)	ND		10.0	1	05/13/2025 20:18	WG2513624
Methylene Chloride	ND		5.00	1	05/13/2025 20:18	WG2513624
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/13/2025 20:18	WG2513624
Methyl tert-butyl ether	ND		1.00	1	05/13/2025 20:18	WG2513624
Naphthalene	ND	C3	5.00	1	05/13/2025 20:18	WG2513624
n-Propylbenzene	ND		1.00	1	05/13/2025 20:18	WG2513624
Styrene	ND		1.00	1	05/13/2025 20:18	WG2513624
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/13/2025 20:18	WG2513624
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/13/2025 20:18	WG2513624
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/13/2025 20:18	WG2513624
Tetrachloroethene	ND		1.00	1	05/13/2025 20:18	WG2513624
Toluene	ND		1.00	1	05/13/2025 20:18	WG2513624
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/13/2025 20:18	WG2513624
1,2,4-Trichlorobenzene	ND		1.00	1	05/13/2025 20:18	WG2513624
1,1,1-Trichloroethane	ND		1.00	1	05/13/2025 20:18	WG2513624
1,1,2-Trichloroethane	ND		1.00	1	05/13/2025 20:18	WG2513624
Trichloroethene	ND		1.00	1	05/13/2025 20:18	WG2513624
Trichlorofluoromethane	ND		5.00	1	05/13/2025 20:18	WG2513624
1,2,3-Trichloropropane	ND		2.50	1	05/13/2025 20:18	WG2513624
1,2,4-Trimethylbenzene	ND		1.00	1	05/13/2025 20:18	WG2513624
1,2,3-Trimethylbenzene	ND		1.00	1	05/13/2025 20:18	WG2513624
1,3,5-Trimethylbenzene	ND		1.00	1	05/13/2025 20:18	WG2513624
Vinyl chloride	ND		1.00	1	05/13/2025 20:18	WG2513624
Xylenes, Total	ND		3.00	1	05/13/2025 20:18	WG2513624
(S) Toluene-d8	*105*		*80.0-120*		*05/13/2025 20:18*	WG2513624
(S) 4-Bromofluorobenzene	*93.1*		*77.0-126*		*05/13/2025 20:18*	WG2513624
(S) 1,2-Dichloroethane-d4	*116*		*70.0-130*		*05/13/2025 20:18*	WG2513624

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		100	1	05/14/2025 00:53	WG2513812
C28-C36 Motor Oil Range	ND		100	1	05/14/2025 00:53	WG2513812
(S) o-Terphenyl	*125*		*52.0-156*		*05/14/2025 00:53*	WG2513812

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acenaphthene	ND		1.00	1	05/14/2025 00:42	WG2513804
Acenaphthylene	ND		1.00	1	05/14/2025 00:42	WG2513804
Anthracene	ND		1.00	1	05/14/2025 00:42	WG2513804
Benzidine	ND	J4	10.0	1	05/14/2025 00:42	WG2513804
Benzo(a)anthracene	ND		1.00	1	05/14/2025 00:42	WG2513804
Benzo(b)fluoranthene	ND		1.00	1	05/14/2025 00:42	WG2513804
Benzo(k)fluoranthene	ND		1.00	1	05/14/2025 00:42	WG2513804
Benzo(g,h,i)perylene	ND		1.00	1	05/14/2025 00:42	WG2513804
Benzo(a)pyrene	ND		1.00	1	05/14/2025 00:42	WG2513804
Bis(2-chlorethoxy)methane	ND		10.0	1	05/14/2025 00:42	WG2513804
Bis(2-chloroethyl)ether	ND		10.0	1	05/14/2025 00:42	WG2513804
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	05/14/2025 00:42	WG2513804

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
4-Bromophenyl-phenylether	ND		10.0	1	05/14/2025 00:42	WG2513804
2-Chloronaphthalene	ND		1.00	1	05/14/2025 00:42	WG2513804
4-Chlorophenyl-phenylether	ND		10.0	1	05/14/2025 00:42	WG2513804
Chrysene	ND		1.00	1	05/14/2025 00:42	WG2513804
Dibenz(a,h)anthracene	ND		1.00	1	05/14/2025 00:42	WG2513804
1,2-Dichlorobenzene	ND		10.0	1	05/14/2025 00:42	WG2513804
1,3-Dichlorobenzene	ND		10.0	1	05/14/2025 00:42	WG2513804
1,4-Dichlorobenzene	ND		10.0	1	05/14/2025 00:42	WG2513804
3,3-Dichlorobenzidine	ND		10.0	1	05/14/2025 00:42	WG2513804
2,4-Dinitrotoluene	ND		10.0	1	05/14/2025 00:42	WG2513804
2,6-Dinitrotoluene	ND		10.0	1	05/14/2025 00:42	WG2513804
Fluoranthene	ND		1.00	1	05/14/2025 00:42	WG2513804
Fluorene	ND		1.00	1	05/14/2025 00:42	WG2513804
Hexachlorobenzene	ND		1.00	1	05/14/2025 00:42	WG2513804
Hexachloro-1,3-butadiene	ND		10.0	1	05/14/2025 00:42	WG2513804
Hexachlorocyclopentadiene	ND		10.0	1	05/14/2025 00:42	WG2513804
Hexachloroethane	ND		10.0	1	05/14/2025 00:42	WG2513804
Indeno(1,2,3-cd)pyrene	ND		1.00	1	05/14/2025 00:42	WG2513804
Isophorone	ND		10.0	1	05/14/2025 00:42	WG2513804
1-Methylnaphthalene	ND		1.00	1	05/14/2025 00:42	WG2513804
2-Methylnaphthalene	ND		1.00	1	05/14/2025 00:42	WG2513804
Naphthalene	ND		1.00	1	05/14/2025 00:42	WG2513804
Nitrobenzene	ND		10.0	1	05/14/2025 00:42	WG2513804
n-Nitrosodimethylamine	ND		10.0	1	05/14/2025 00:42	WG2513804
n-Nitrosodiphenylamine	ND		10.0	1	05/14/2025 00:42	WG2513804
n-Nitrosodi-n-propylamine	ND		10.0	1	05/14/2025 00:42	WG2513804
Phenanthrene	ND		1.00	1	05/14/2025 00:42	WG2513804
Benzylbutyl phthalate	ND		3.00	1	05/14/2025 00:42	WG2513804
Bis(2-ethylhexyl)phthalate	ND		3.00	1	05/14/2025 00:42	WG2513804
Di-n-butyl phthalate	ND		3.00	1	05/14/2025 00:42	WG2513804
Diethyl phthalate	ND		3.00	1	05/14/2025 00:42	WG2513804
Dimethyl phthalate	ND		3.00	1	05/14/2025 00:42	WG2513804
Di-n-octyl phthalate	ND		3.00	1	05/14/2025 00:42	WG2513804
Pyrene	ND		1.00	1	05/14/2025 00:42	WG2513804
1,2,4-Trichlorobenzene	ND		10.0	1	05/14/2025 00:42	WG2513804
4-Chloro-3-methylphenol	ND		10.0	1	05/14/2025 00:42	WG2513804
2-Chlorophenol	ND		10.0	1	05/14/2025 00:42	WG2513804
2,4-Dichlorophenol	ND		10.0	1	05/14/2025 00:42	WG2513804
2,4-Dimethylphenol	ND		10.0	1	05/14/2025 00:42	WG2513804
4,6-Dinitro-2-methylphenol	ND		10.0	1	05/14/2025 00:42	WG2513804
2,4-Dinitrophenol	ND		10.0	1	05/14/2025 00:42	WG2513804
2-Nitrophenol	ND		10.0	1	05/14/2025 00:42	WG2513804
4-Nitrophenol	ND		10.0	1	05/14/2025 00:42	WG2513804
Pentachlorophenol	ND		10.0	1	05/14/2025 00:42	WG2513804
Phenol	ND		10.0	1	05/14/2025 00:42	WG2513804
2,4,6-Trichlorophenol	ND		10.0	1	05/14/2025 00:42	WG2513804
(S) 2-Fluorophenol	*38.7*		*10.0-120*		*05/14/2025 00:42*	WG2513804
(S) Phenol-d5	*27.6*		*10.0-120*		*05/14/2025 00:42*	WG2513804
(S) Nitrobenzene-d5	*80.9*		*10.0-127*		*05/14/2025 00:42*	WG2513804
(S) 2-Fluorobiphenyl	*69.1*		*10.0-130*		*05/14/2025 00:42*	WG2513804
(S) 2,4,6-Tribromophenol	*56.0*		*10.0-155*		*05/14/2025 00:42*	WG2513804
(S) p-Terphenyl-d14	*80.0*		*10.0-128*		*05/14/2025 00:42*	WG2513804

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/13/2025 19:02	WG2513624
Acrolein	ND	C3 J4	50.0	1	05/13/2025 19:02	WG2513624
Acrylonitrile	ND		10.0	1	05/13/2025 19:02	WG2513624
Benzene	ND		1.00	1	05/13/2025 19:02	WG2513624
Bromobenzene	ND		1.00	1	05/13/2025 19:02	WG2513624
Bromodichloromethane	ND		1.00	1	05/13/2025 19:02	WG2513624
Bromoform	ND		1.00	1	05/13/2025 19:02	WG2513624
Bromomethane	ND		5.00	1	05/13/2025 19:02	WG2513624
n-Butylbenzene	ND		1.00	1	05/13/2025 19:02	WG2513624
sec-Butylbenzene	ND		1.00	1	05/13/2025 19:02	WG2513624
tert-Butylbenzene	ND		1.00	1	05/13/2025 19:02	WG2513624
Carbon tetrachloride	ND	J4	1.00	1	05/13/2025 19:02	WG2513624
Chlorobenzene	ND		1.00	1	05/13/2025 19:02	WG2513624
Chlorodibromomethane	ND		1.00	1	05/13/2025 19:02	WG2513624
Chloroethane	ND		5.00	1	05/13/2025 19:02	WG2513624
Chloroform	ND		5.00	1	05/13/2025 19:02	WG2513624
Chloromethane	ND		2.50	1	05/13/2025 19:02	WG2513624
2-Chlorotoluene	ND		1.00	1	05/13/2025 19:02	WG2513624
4-Chlorotoluene	ND		1.00	1	05/13/2025 19:02	WG2513624
1,2-Dibromo-3-Chloropropane	ND	J3 J4	5.00	1	05/13/2025 19:02	WG2513624
1,2-Dibromoethane	ND		1.00	1	05/13/2025 19:02	WG2513624
Dibromomethane	ND		1.00	1	05/13/2025 19:02	WG2513624
1,2-Dichlorobenzene	ND		1.00	1	05/13/2025 19:02	WG2513624
1,3-Dichlorobenzene	ND		1.00	1	05/13/2025 19:02	WG2513624
1,4-Dichlorobenzene	ND		1.00	1	05/13/2025 19:02	WG2513624
Dichlorodifluoromethane	ND		5.00	1	05/13/2025 19:02	WG2513624
1,1-Dichloroethane	ND		1.00	1	05/13/2025 19:02	WG2513624
1,2-Dichloroethane	ND		1.00	1	05/13/2025 19:02	WG2513624
1,1-Dichloroethene	ND		1.00	1	05/13/2025 19:02	WG2513624
cis-1,2-Dichloroethene	ND		1.00	1	05/13/2025 19:02	WG2513624
trans-1,2-Dichloroethene	ND		1.00	1	05/13/2025 19:02	WG2513624
1,2-Dichloropropane	ND		1.00	1	05/13/2025 19:02	WG2513624
1,1-Dichloropropene	ND		1.00	1	05/13/2025 19:02	WG2513624
1,3-Dichloropropane	ND		1.00	1	05/13/2025 19:02	WG2513624
cis-1,3-Dichloropropene	ND		1.00	1	05/13/2025 19:02	WG2513624
trans-1,3-Dichloropropene	ND		1.00	1	05/13/2025 19:02	WG2513624
2,2-Dichloropropane	ND		1.00	1	05/13/2025 19:02	WG2513624
Di-isopropyl ether	ND		1.00	1	05/13/2025 19:02	WG2513624
Ethylbenzene	ND		1.00	1	05/13/2025 19:02	WG2513624
Hexachloro-1,3-butadiene	ND		1.00	1	05/13/2025 19:02	WG2513624
Isopropylbenzene	ND		1.00	1	05/13/2025 19:02	WG2513624
p-Isopropyltoluene	ND		1.00	1	05/13/2025 19:02	WG2513624
2-Butanone (MEK)	ND		10.0	1	05/13/2025 19:02	WG2513624
Methylene Chloride	ND		5.00	1	05/13/2025 19:02	WG2513624
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/13/2025 19:02	WG2513624
Methyl tert-butyl ether	ND		1.00	1	05/13/2025 19:02	WG2513624
Naphthalene	ND	C3	5.00	1	05/13/2025 19:02	WG2513624
n-Propylbenzene	ND		1.00	1	05/13/2025 19:02	WG2513624
Styrene	ND		1.00	1	05/13/2025 19:02	WG2513624
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/13/2025 19:02	WG2513624
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/13/2025 19:02	WG2513624
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/13/2025 19:02	WG2513624
Tetrachloroethene	ND		1.00	1	05/13/2025 19:02	WG2513624
Toluene	ND		1.00	1	05/13/2025 19:02	WG2513624
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/13/2025 19:02	WG2513624
1,2,4-Trichlorobenzene	ND		1.00	1	05/13/2025 19:02	WG2513624

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	05/13/2025 19:02	WG2513624
1,1,2-Trichloroethane	ND		1.00	1	05/13/2025 19:02	WG2513624
Trichloroethene	ND		1.00	1	05/13/2025 19:02	WG2513624
Trichlorofluoromethane	ND		5.00	1	05/13/2025 19:02	WG2513624
1,2,3-Trichloropropane	ND		2.50	1	05/13/2025 19:02	WG2513624
1,2,4-Trimethylbenzene	ND		1.00	1	05/13/2025 19:02	WG2513624
1,2,3-Trimethylbenzene	ND		1.00	1	05/13/2025 19:02	WG2513624
1,3,5-Trimethylbenzene	ND		1.00	1	05/13/2025 19:02	WG2513624
Vinyl chloride	ND		1.00	1	05/13/2025 19:02	WG2513624
Xylenes, Total	ND		3.00	1	05/13/2025 19:02	WG2513624
(S) Toluene-d8	*98.4*		*80.0-120*		*05/13/2025 19:02*	WG2513624
(S) 4-Bromofluorobenzene	*95.6*		*77.0-126*		*05/13/2025 19:02*	WG2513624
(S) 1,2-Dichloroethane-d4	*119*		*70.0-130*		*05/13/2025 19:02*	WG2513624

Method Blank (MB)

(MB) R4215122-1 05/13/25 21:52

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Dissolved Solids	U		10000	10000

L1857895-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1857895-04 05/13/25 21:52 • (DUP) R4215122-3 05/13/25 21:52

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	4650000	4680000	1	0.643		10

L1857933-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1857933-02 05/13/25 21:52 • (DUP) R4215122-4 05/13/25 21:52

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	34000000	32900000	1	3.35		10

Laboratory Control Sample (LCS)

(LCS) R4215122-2 05/13/25 21:52

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800000	8440000	95.9	90.0-110	

Method Blank (MB)

(MB) R4214344-1 05/13/25 15:10

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Suspended Solids	U		283	2500

L1857925-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1857925-01 05/13/25 15:10 • (DUP) R4214344-3 05/13/25 15:10

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Suspended Solids	55900	60000	1	7.06		10

L1857926-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1857926-02 05/13/25 15:10 • (DUP) R4214344-4 05/13/25 15:10

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Suspended Solids	ND	ND	1	0.000		10

Sample Narrative:

OS: Reduced amount used due to matrix.

Laboratory Control Sample (LCS)

(LCS) R4214344-2 05/13/25 15:10

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Suspended Solids	773000	808000	105	85.0-115	

Method Blank (MB)

(MB) R4214549-1 05/14/25 13:01

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hardness (colorimetric) as CaCO3	U		10600	30000

Laboratory Control Sample (LCS)

(LCS) R4214549-2 05/14/25 13:03

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hardness (colorimetric) as CaCO3	200000	205000	103	85.0-115	

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

(OS) L1858014-01 05/14/25 13:06 • (MS) R4214549-3 05/14/25 13:08 • (MSD) R4214549-4 05/14/25 13:09

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 %
Hardness (colorimetric) as CaCO3	1000000	1450000	2360000	2380000	91.5	93.0	5	80.0-120	E	E	0.634	20

Method Blank (MB)

(MB) R4214903-1 05/14/25 22:46

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hardness (colorimetric) as CaCO3	U		10600	30000

Laboratory Control Sample (LCS)

(LCS) R4214903-2 05/14/25 22:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hardness (colorimetric) as CaCO3	200000	204000	102	85.0-115	

L1858303-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1858303-02 05/14/25 22:53 • (MS) R4214903-3 05/14/25 22:54 • (MSD) R4214903-4 05/14/25 22:55

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 %
Hardness (colorimetric) as CaCO3	200000	87700	290000	283000	101	97.7	1	80.0-120			2.44	20

Method Blank (MB)

(MB) R4214090-2 05/13/25 14:39

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Alkalinity	U		4750	20000

Sample Narrative:

BLANK: Endpoint pH 4.5

L1858014-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1858014-01 05/13/25 14:50 • (DUP) R4214090-3 05/13/25 14:53

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	386000	390000	1	0.973		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

L1858014-23 Original Sample (OS) • Duplicate (DUP)

(OS) L1858014-23 05/13/25 15:45 • (DUP) R4214090-4 05/13/25 15:47

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	ND	ND	1	0.000		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

Laboratory Control Sample (LCS)

(LCS) R4214090-1 05/13/25 14:34

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Alkalinity	100000	98800	98.8	90.0-110	

Sample Narrative:

LCS: Endpoint pH 4.5

Method Blank (MB)

(MB) R4214342-1 05/13/25 14:44

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Bromide	U		680	1000
Chloride	U		547	1000
Fluoride	U		76.1	150
Nitrate as (N)	U		88.4	100
Nitrite as (N)	U		79.4	100
Sulfate	U		637	5000

L1858014-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1858014-01 05/13/25 15:24 • (DUP) R4214342-3 05/13/25 15:38

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Bromide	ND	ND	5	0.000		15
Chloride	108000	108000	5	0.115		15
Fluoride	1220	1250	5	2.55		15
Nitrate as (N)	2520	2520	5	0.357		15
Nitrite as (N)	ND	ND	5	0.000		15

Sample Narrative:

OS: Dilution due to matrix impact on instrumentation at lower dilution

L1858014-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1858014-01 05/13/25 16:18 • (DUP) R4214342-6 05/13/25 16:32

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfate	1500000	1490000	50	0.816		15

L1858014-21 Original Sample (OS) • Duplicate (DUP)

(OS) L1858014-21 05/13/25 20:51 • (DUP) R4214342-7 05/13/25 21:05

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Bromide	ND	ND	1	0.000		15
Chloride	15100	15100	1	0.319		15
Fluoride	2670	2660	1	0.150		15
Nitrate as (N)	3720	3700	1	0.593		15

L1858014-21 Original Sample (OS) • Duplicate (DUP)

(OS) L1858014-21 05/13/25 20:51 • (DUP) R4214342-7 05/13/25 21:05

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrite as (N)	ND	ND	1	0.000		15

Sample Narrative:

OS: Dilution due to matrix impact on instrumentation at lower dilution

L1858014-21 Original Sample (OS) • Duplicate (DUP)

(OS) L1858014-21 05/13/25 21:59 • (DUP) R4214342-9 05/13/25 22:12

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfate	367000	367000	10	0.0820		15

Laboratory Control Sample (LCS)

(LCS) R4214342-2 05/13/25 14:58

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bromide	40000	39200	97.9	90.0-110	
Chloride	40000	38700	96.7	90.0-110	
Fluoride	8000	8030	100	90.0-110	
Nitrate as (N)	8000	8080	101	90.0-110	
Nitrite as (N)	8000	8140	102	90.0-110	
Sulfate	40000	39600	99.0	90.0-110	

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

(OS) L1858014-01 05/13/25 15:24 • (MS) R4214342-4 05/13/25 15:51 • (MSD) R4214342-5 05/13/25 16:05

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 %
Bromide	40000	ND	32900	32900	82.2	82.2	5	90.0-110	J6	J6	0.0864	15
Chloride	40000	108000	122000	122000	33.8	33.8	5	90.0-110	J6	J6	0.00574	15
Fluoride	8000	1220	8350	8360	89.2	89.3	5	90.0-110	J6	J6	0.0527	15
Nitrate as (N)	8000	2520	9360	9320	85.5	84.9	5	90.0-110	J6	J6	0.489	15
Nitrite as (N)	8000	ND	8100	8110	101	101	5	90.0-110			0.194	15
Sulfate	40000	1520000	1220000	1220000	0.000	0.000	5	90.0-110	E V	E V	0.172	15

Sample Narrative:

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

(OS) L1858014-01 05/13/25 15:24 • (MS) R4214342-4 05/13/25 15:51 • (MSD) R4214342-5 05/13/25 16:05

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 %

OS: Dilution due to matrix impact on instrumentation at lower dilution

L1858014-21 Original Sample (OS) • Matrix Spike (MS)

(OS) L1858014-21 05/13/25 20:51 • (MS) R4214342-8 05/13/25 21:18

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Bromide	40000	ND	33700	84.1	1	90.0-110	J6
Chloride	40000	15100	50100	87.4	1	90.0-110	J6
Fluoride	8000	2670	9990	91.6	1	90.0-110	
Nitrate as (N)	8000	3720	11000	90.5	1	90.0-110	E
Nitrite as (N)	8000	ND	8060	101	1	90.0-110	
Sulfate	40000	375000	328000	0.000	1	90.0-110	E V

Sample Narrative:

OS: Dilution due to matrix impact on instrumentation at lower dilution

Method Blank (MB)

(MB) R4214099-1 05/13/25 15:17

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ammonia Nitrogen	U		53.9	100

L1857446-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1857446-02 05/13/25 15:23 • (DUP) R4214099-4 05/13/25 15:25

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ammonia Nitrogen	700	704	1	0.570		10

L1857446-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1857446-03 05/13/25 15:26 • (DUP) R4214099-5 05/13/25 15:28

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ammonia Nitrogen	587	583	1	0.684		10

Laboratory Control Sample (LCS)

(LCS) R4214099-2 05/13/25 15:19

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	7500	7480	99.7	90.0-110	

L1857446-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1857446-01 05/13/25 15:20 • (MS) R4214099-3 05/13/25 15:22

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ammonia Nitrogen	5000	652	5910	105	1	90.0-110	

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

(OS) L1858014-01 05/13/25 15:41 • (MS) R4214099-6 05/13/25 15:43 • (MSD) R4214099-7 05/13/25 15:44

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 %
Ammonia Nitrogen	5000	233	5500	5480	105	105	1	90.0-110			0.437	10

Method Blank (MB)

(MB) R4214713-1 05/14/25 15:42

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Kjeldahl Nitrogen, TKN	U		131	250

L1855746-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1855746-02 05/14/25 15:46 • (DUP) R4214713-5 05/14/25 15:48

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Kjeldahl Nitrogen, TKN	ND	295	1	26.0	P1	20

L1855746-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1855746-03 05/14/25 15:49 • (DUP) R4214713-6 05/14/25 15:50

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Kjeldahl Nitrogen, TKN	269	333	1	21.5	P1	20

Laboratory Control Sample (LCS)

(LCS) R4214713-2 05/14/25 15:43

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Kjeldahl Nitrogen, TKN	10800	11100	103	90.0-110	

L1853167-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1853167-01 05/14/25 15:43 • (MS) R4214713-3 05/14/25 15:45

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Kjeldahl Nitrogen, TKN	5000	1360	7160	116	1	90.0-110	J5

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

(OS) L1858014-01 05/14/25 15:59 • (MS) R4214713-7 05/14/25 16:00 • (MSD) R4214713-8 05/14/25 16:01

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 %
Kjeldahl Nitrogen, TKN	5000	2050	9120	8290	141	125	1	90.0-110	J5	J5	9.52	20

Method Blank (MB)

(MB) R4214712-1 05/14/25 15:41

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Phosphorus,Total	U		64.2	100

L1855746-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1855746-02 05/14/25 15:44 • (DUP) R4214712-3 05/14/25 15:45

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Phosphorus,Total	ND	ND	1	200	P1	20

L1855746-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1855746-03 05/14/25 15:46 • (DUP) R4214712-4 05/14/25 15:47

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Phosphorus,Total	265	303	1	13.4		20

Laboratory Control Sample (LCS)

(LCS) R4214712-2 05/14/25 15:42

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Phosphorus,Total	2070	2100	101	85.0-115	

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

(OS) L1858014-01 05/14/25 15:58 • (MS) R4214712-5 05/14/25 15:59 • (MSD) R4214712-6 05/14/25 16:00

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 %
Phosphorus,Total	2500	238	2740	2740	100	100	1	90.0-110			0.000	20

Method Blank (MB)

(MB) R4214294-2 05/13/25 14:28

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	U		495	1000

L1858014-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1858014-05 05/13/25 17:01 • (DUP) R4214294-5 05/13/25 17:23

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	11800	11900	1	0.931		20

L1858014-19 Original Sample (OS) • Duplicate (DUP)

(OS) L1858014-19 05/13/25 21:39 • (DUP) R4214294-8 05/13/25 22:02

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	11100	11100	1	0.451		20

Laboratory Control Sample (LCS)

(LCS) R4214294-1 05/13/25 14:07

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	25000	24500	97.8	80.0-120	

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

(OS) L1858014-01 05/13/25 15:52 • (MS) R4214294-3 05/13/25 16:15 • (MSD) R4214294-4 05/13/25 16:38

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 %
TOC (Total Organic Carbon)	25000	12400	38300	38400	103	104	1	75.0-125			0.287	20

L1858014-17 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1858014-17 05/13/25 20:18 • (MS) R4214294-6 05/13/25 20:53 • (MSD) R4214294-7 05/13/25 21:18

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	25000	30900	57300	56000	105	101	1	75.0-125	E	E	2.19	20

Method Blank (MB)

(MB) R4214121-1 05/13/25 15:56

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
MBAS	U		19.0	100

L1857898-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1857898-01 05/13/25 15:58 • (DUP) R4214121-3 05/13/25 15:58

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
MBAS	110	107	1	2.76		20

L1857974-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1857974-01 05/13/25 15:59 • (DUP) R4214121-4 05/13/25 15:59

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
MBAS	121	137	1	12.4		20

Laboratory Control Sample (LCS)

(LCS) R4214121-2 05/13/25 15:56

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
MBAS	1000	1000	100	85.0-115	

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

(OS) L1858014-01 05/13/25 16:00 • (MS) R4214121-5 05/13/25 16:01 • (MSD) R4214121-6 05/13/25 16:03

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 %
MBAS	1000	101	1170	1090	107	98.8	1	85.0-115			6.83	20

QUALITY CONTROL SUMMARY

L1858014-01,05,07,09,11,13,15,17,19,21,23

Method Blank (MB)

(MB) R4214319-1 05/13/25 16:05

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Hexavalent Chromium	U		0.100	0.500

L1858014-23 Original Sample (OS) • Duplicate (DUP)

(OS) L1858014-23 05/13/25 20:32 • (DUP) R4214319-4 05/13/25 20:45

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

L1858014-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1858014-05 05/14/25 01:56 • (DUP) R4214319-5 05/14/25 02:09

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

Laboratory Control Sample (LCS)

(LCS) R4214319-2 05/13/25 16:18

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Hexavalent Chromium	2.00	1.97	98.4	90.0-110	

L1858014-21 Original Sample (OS) • Matrix Spike (MS)

(OS) L1858014-21 05/13/25 20:06 • (MS) R4214319-3 05/13/25 20:19

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
	ug/l	ug/l	ug/l	%		%	
Hexavalent Chromium	50.0	ND	45.0	90.0	1	90.0-110	

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

(OS) L1858014-01 05/13/25 17:06 • (MS) R4214319-6 05/14/25 05:29 • (MSD) R4214319-7 05/14/25 05:42

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Hexavalent Chromium	50.0	ND	45.9	45.8	91.7	91.5	1	90.0-110			0.223	20

L1857801-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1857801-01 05/13/25 14:27 • (DUP) R4214003-2 05/13/25 14:27

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.43	7.37	1	0.811		1

Sample Narrative:

OS: 7.43 at 20.9C

DUP: 7.37 at 20.8C

L1858014-23 Original Sample (OS) • Duplicate (DUP)

(OS) L1858014-23 05/13/25 14:27 • (DUP) R4214003-3 05/13/25 14:27

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	6.00	5.97	1	0.501		1

Sample Narrative:

OS: 6 at 20.6C

DUP: 5.97 at 20.8C

Laboratory Control Sample (LCS)

(LCS) R4214003-1 05/13/25 14:27

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	su	su	%	%	
pH	10.0	9.98	99.8	99.0-101	

Sample Narrative:

LCS: 9.98 at 20.7C

QUALITY CONTROL SUMMARY

L1858014-01,05,07,09,11,13,15,17,19,21,23

Method Blank (MB)

(MB) R4214216-1 05/13/25 18:21

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Mercury	U		0.0700	0.200

Laboratory Control Sample (LCS)

(LCS) R4214216-2 05/13/25 18:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	3.00	3.27	109	80.0-120	

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

(OS) L1858014-01 05/13/25 18:27 • (MS) R4214216-4 05/13/25 18:32 • (MSD) R4214216-5 05/13/25 18:35

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 %
Mercury	3.00	ND	3.00	3.04	96.5	97.8	1	75.0-125			1.34	20

Method Blank (MB)

(MB) R4214180-1 05/13/25 16:32

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Aluminum,Dissolved	U		16.0	100
Arsenic,Dissolved	U		0.120	2.00
Cadmium,Dissolved	U		0.120	1.00
Chromium,Dissolved	U		0.900	2.00
Copper,Dissolved	U		0.700	5.00
Lead,Dissolved	U		0.500	2.00
Manganese,Dissolved	U		0.700	5.00
Nickel,Dissolved	U		0.500	2.00
Selenium,Dissolved	U		0.250	2.00
Silver,Dissolved	U		0.110	2.00
Zinc,Dissolved	U		4.00	25.0

Laboratory Control Sample (LCS)

(LCS) R4214180-2 05/13/25 16:36

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aluminum,Dissolved	1000	1010	101	80.0-120	
Arsenic,Dissolved	50.0	49.6	99.2	80.0-120	
Cadmium,Dissolved	50.0	51.7	103	80.0-120	
Chromium,Dissolved	50.0	51.2	102	80.0-120	
Copper,Dissolved	50.0	50.0	100	80.0-120	
Lead,Dissolved	50.0	49.0	98.0	80.0-120	
Manganese,Dissolved	50.0	50.4	101	80.0-120	
Nickel,Dissolved	50.0	51.8	104	80.0-120	
Selenium,Dissolved	50.0	48.3	96.7	80.0-120	
Silver,Dissolved	50.0	50.9	102	80.0-120	
Zinc,Dissolved	50.0	48.6	97.1	80.0-120	

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

(OS) L1858014-01 05/13/25 16:39 • (MS) R4214180-4 05/13/25 16:45 • (MSD) R4214180-5 05/13/25 16:49

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 %
Aluminum,Dissolved	1000	ND	1000	985	100	98.5	1	75.0-125			2.01	20
Arsenic,Dissolved	50.0	2.29	53.8	53.6	103	103	1	75.0-125			0.270	20
Cadmium,Dissolved	50.0	ND	50.5	49.7	101	99.5	1	75.0-125			1.56	20
Chromium,Dissolved	50.0	ND	50.7	50.2	101	100	1	75.0-125			0.985	20
Copper,Dissolved	50.0	ND	51.7	50.8	93.8	92.0	1	75.0-125			1.71	20

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

(OS) L1858014-01 05/13/25 16:39 • (MS) R4214180-4 05/13/25 16:45 • (MSD) R4214180-5 05/13/25 16:49

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead,Dissolved	50.0	ND	49.7	49.7	99.4	99.4	1	75.0-125			0.0471	20
Manganese,Dissolved	50.0	1060	1100	1120	92.2	120	1	75.0-125			1.27	20
Nickel,Dissolved	50.0	4.29	53.5	53.1	98.5	97.6	1	75.0-125			0.798	20
Selenium,Dissolved	50.0	7.84	60.5	59.7	105	104	1	75.0-125			1.25	20
Silver,Dissolved	50.0	ND	50.5	50.6	101	101	1	75.0-125			0.195	20
Zinc,Dissolved	50.0	ND	50.9	52.3	102	105	1	75.0-125			2.73	20

Method Blank (MB)

(MB) R4214229-1 05/13/25 20:02

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Aluminum	U		16.0	100
Antimony	U		0.310	4.00
Arsenic	U		0.120	2.00
Barium	U		0.500	2.00
Cadmium	U		0.120	1.00
Calcium	U		92.5	1000
Chromium	U		0.900	2.00
Copper	U		0.700	5.00
Cobalt	U		0.100	2.00
Iron	U		22.6	100
Lead	U		0.500	2.00
Magnesium	U		82.7	1000
Manganese	U		0.700	5.00
Nickel	U		0.500	2.00
Potassium	U		96.5	2000
Selenium	U		0.250	2.00
Silver	U		0.110	2.00
Sodium	U		142	2000
Thallium	U		0.130	2.00
Vanadium	U		0.520	5.00
Zinc	U		4.00	25.0

Method Blank (MB)

(MB) R4214232-1 05/13/25 19:42

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Beryllium	U		0.200	2.00

Method Blank (MB)

(MB) R4214229-6 05/13/25 22:11

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Boron	U		9.03	30.0

Laboratory Control Sample (LCS)

(LCS) R4214229-2 05/13/25 20:05

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aluminum	1000	961	96.1	80.0-120	
Antimony	50.0	48.8	97.5	80.0-120	
Arsenic	50.0	51.3	103	80.0-120	
Barium	50.0	47.9	95.7	80.0-120	
Cadmium	50.0	52.4	105	80.0-120	
Calcium	5000	5030	101	80.0-120	
Chromium	50.0	51.4	103	80.0-120	
Copper	50.0	49.3	98.7	80.0-120	
Cobalt	50.0	53.6	107	80.0-120	
Iron	1000	999	99.9	80.0-120	
Lead	50.0	49.0	98.1	80.0-120	
Magnesium	5000	4920	98.3	80.0-120	
Manganese	50.0	51.0	102	80.0-120	
Nickel	50.0	52.4	105	80.0-120	
Potassium	5000	5010	100	80.0-120	
Selenium	50.0	50.2	100	80.0-120	
Silver	50.0	55.1	110	80.0-120	
Sodium	5000	5270	105	80.0-120	
Thallium	50.0	47.1	94.1	80.0-120	
Vanadium	50.0	50.9	102	80.0-120	
Zinc	50.0	49.7	99.4	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4214232-2 05/13/25 19:46

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Beryllium	50.0	51.1	102	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4214229-7 05/13/25 22:14

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Boron	50.0	50.4	101	80.0-120	

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

(OS) L1858014-01 05/13/25 20:08 • (MS) R4214229-4 05/13/25 20:14 • (MSD) R4214229-5 05/13/25 20:17

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 %
Aluminum	1000	371	1310	1330	94.0	95.5	1	75.0-125			1.07	20
Antimony	50.0	ND	52.0	50.3	104	101	1	75.0-125			3.41	20
Arsenic	50.0	2.41	54.7	54.1	105	103	1	75.0-125			1.24	20
Barium	50.0	38.6	88.7	89.4	100	102	1	75.0-125			0.834	20
Cadmium	50.0	ND	52.9	52.9	106	106	1	75.0-125			0.0528	20
Calcium	5000	261000	265000	265000	65.9	77.9	1	75.0-125	V		0.228	20
Chromium	50.0	ND	52.4	51.0	105	102	1	75.0-125			2.74	20
Copper	50.0	ND	54.5	54.0	104	103	1	75.0-125			0.931	20
Cobalt	50.0	ND	53.7	53.3	104	104	1	75.0-125			0.719	20
Iron	1000	299	1300	1310	99.9	101	1	75.0-125			1.23	20
Lead	50.0	ND	49.9	48.7	99.7	97.4	1	75.0-125			2.39	20
Magnesium	5000	178000	176000	179000	0.000	13.9	1	75.0-125	V	V	1.50	20
Manganese	50.0	1050	1100	1100	88.8	88.7	1	75.0-125			0.00583	20
Nickel	50.0	3.54	55.8	55.4	105	104	1	75.0-125			0.665	20
Potassium	5000	11100	15900	16000	96.5	97.7	1	75.0-125			0.372	20
Selenium	50.0	7.61	60.9	60.4	107	106	1	75.0-125			0.845	20
Silver	50.0	ND	54.8	54.1	110	108	1	75.0-125			1.29	20
Sodium	5000	311000	317000	311000	114	2.71	1	75.0-125		V	1.77	20
Thallium	50.0	ND	47.7	46.9	95.4	93.9	1	75.0-125			1.58	20
Vanadium	50.0	ND	54.4	54.0	104	103	1	75.0-125			0.690	20
Zinc	50.0	ND	52.4	52.3	105	105	1	75.0-125			0.225	20

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

(OS) L1858014-01 05/13/25 19:49 • (MS) R4214232-4 05/13/25 19:56 • (MSD) R4214232-5 05/13/25 19:59

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 %
Beryllium	50.0	ND	48.4	48.5	96.7	97.0	1	75.0-125			0.313	20

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

(OS) L1858014-01 05/13/25 22:17 • (MS) R4214229-9 05/13/25 22:23 • (MSD) R4214229-10 05/13/25 22:26

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 %
Boron	50.0	508	567	574	119	133	5	75.0-125		V	1.29	20

Method Blank (MB)

(MB) R4214198-2 05/13/25 10:13

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TPH (GC/FID) Low Fraction	U		31.4	100
(S) a,a,a-Trifluorotoluene(FID)	*102*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R4214198-1 05/13/25 09:33

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5000	5650	113	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*107*	*78.0-120*	

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

(OS) L1858014-01 05/13/25 14:31 • (MS) R4214198-3 05/13/25 18:11 • (MSD) R4214198-4 05/13/25 18:31

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 %
TPH (GC/FID) Low Fraction	5000	ND	6790	6950	136	139	1	10.0-160			2.33	22
(S) a,a,a-Trifluorotoluene(FID)					*106*	*105*		*78.0-120*				

Method Blank (MB)

(MB) R4214236-3 05/13/25 17:17

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

Method Blank (MB)

(MB) R4214236-3 05/13/25 17:17

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
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	*107*			*80.0-120*
(S) 4-Bromofluorobenzene	*97.8*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*

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

(LCS) R4214236-1 05/13/25 16:20 • (LCSD) R4214236-2 05/13/25 16:39

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	21.9	21.3	87.6	85.2	19.0-160			2.78	27
Acrolein	25.0	2.34	2.82	9.36	11.3	10.0-160	J4		18.6	26
Acrylonitrile	25.0	29.4	28.7	118	115	55.0-149			2.41	20
Benzene	5.00	4.99	5.03	99.8	101	70.0-123			0.798	20

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

(LCS) R4214236-1 05/13/25 16:20 • (LCSD) R4214236-2 05/13/25 16:39

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromobenzene	5.00	5.07	4.96	101	99.2	73.0-121			2.19	20
Bromodichloromethane	5.00	5.73	5.72	115	114	75.0-120			0.175	20
Bromoform	5.00	6.08	5.92	122	118	68.0-132			2.67	20
Bromomethane	5.00	4.95	5.11	99.0	102	10.0-160			3.18	25
n-Butylbenzene	5.00	5.20	4.99	104	99.8	73.0-125			4.12	20
sec-Butylbenzene	5.00	5.52	5.49	110	110	75.0-125			0.545	20
tert-Butylbenzene	5.00	5.63	5.59	113	112	76.0-124			0.713	20
Carbon tetrachloride	5.00	6.62	6.48	132	130	68.0-126	J4	J4	2.14	20
Chlorobenzene	5.00	5.21	5.18	104	104	80.0-121			0.577	20
Chlorodibromomethane	5.00	5.85	5.37	117	107	77.0-125			8.56	20
Chloroethane	5.00	5.20	5.40	104	108	47.0-150			3.77	20
Chloroform	5.00	5.18	5.09	104	102	73.0-120			1.75	20
Chloromethane	5.00	5.21	5.21	104	104	41.0-142			0.000	20
2-Chlorotoluene	5.00	5.10	4.96	102	99.2	76.0-123			2.78	20
4-Chlorotoluene	5.00	4.99	4.70	99.8	94.0	75.0-122			5.99	20
1,2-Dibromo-3-Chloropropane	5.00	5.44	U	109	0.000	58.0-134		J3 J4	200	20
1,2-Dibromoethane	5.00	5.26	5.01	105	100	80.0-122			4.87	20
Dibromomethane	5.00	5.39	5.43	108	109	80.0-120			0.739	20
1,2-Dichlorobenzene	5.00	5.13	4.98	103	99.6	79.0-121			2.97	20
1,3-Dichlorobenzene	5.00	5.37	5.10	107	102	79.0-120			5.16	20
1,4-Dichlorobenzene	5.00	5.80	5.29	116	106	79.0-120			9.20	20
Dichlorodifluoromethane	5.00	5.55	5.73	111	115	51.0-149			3.19	20
1,1-Dichloroethane	5.00	5.31	5.26	106	105	70.0-126			0.946	20
1,2-Dichloroethane	5.00	5.81	5.73	116	115	70.0-128			1.39	20
1,1-Dichloroethene	5.00	4.79	4.92	95.8	98.4	71.0-124			2.68	20
cis-1,2-Dichloroethene	5.00	4.86	5.13	97.2	103	73.0-120			5.41	20
trans-1,2-Dichloroethene	5.00	4.87	5.14	97.4	103	73.0-120			5.39	20
1,2-Dichloropropane	5.00	5.04	4.94	101	98.8	77.0-125			2.00	20
1,1-Dichloropropene	5.00	4.98	4.89	99.6	97.8	74.0-126			1.82	20
1,3-Dichloropropane	5.00	5.24	4.92	105	98.4	80.0-120			6.30	20
cis-1,3-Dichloropropene	5.00	5.45	5.21	109	104	80.0-123			4.50	20
trans-1,3-Dichloropropene	5.00	5.00	4.77	100	95.4	78.0-124			4.71	20
2,2-Dichloropropane	5.00	6.05	6.15	121	123	58.0-130			1.64	20
Di-isopropyl ether	5.00	5.17	5.19	103	104	58.0-138			0.386	20
Ethylbenzene	5.00	4.84	4.84	96.8	96.8	79.0-123			0.000	20
Hexachloro-1,3-butadiene	5.00	5.40	5.67	108	113	54.0-138			4.88	20
Isopropylbenzene	5.00	5.25	5.19	105	104	76.0-127			1.15	20
p-Isopropyltoluene	5.00	5.36	5.26	107	105	76.0-125			1.88	20
2-Butanone (MEK)	25.0	29.8	28.5	119	114	44.0-160			4.46	20
Methylene Chloride	5.00	4.43	4.67	88.6	93.4	67.0-120			5.27	20

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

(LCS) R4214236-1 05/13/25 16:20 • (LCSD) R4214236-2 05/13/25 16:39

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
4-Methyl-2-pentanone (MIBK)	25.0	29.0	27.6	116	110	68.0-142			4.95	20
Methyl tert-butyl ether	5.00	4.95	4.94	99.0	98.8	68.0-125			0.202	20
Naphthalene	5.00	3.37	3.31	67.4	66.2	54.0-135			1.80	20
n-Propylbenzene	5.00	5.35	5.16	107	103	77.0-124			3.62	20
Styrene	5.00	4.39	4.30	87.8	86.0	73.0-130			2.07	20
1,1,1,2-Tetrachloroethane	5.00	6.24	6.17	125	123	75.0-125			1.13	20
1,1,2,2-Tetrachloroethane	5.00	5.30	5.26	106	105	65.0-130			0.758	20
1,1,2-Trichlorotrifluoroethane	5.00	5.47	5.43	109	109	69.0-132			0.734	20
Tetrachloroethene	5.00	5.80	5.58	116	112	72.0-132			3.87	20
Toluene	5.00	5.02	4.73	100	94.6	79.0-120			5.95	20
1,2,3-Trichlorobenzene	5.00	3.75	3.58	75.0	71.6	50.0-138			4.64	20
1,2,4-Trichlorobenzene	5.00	4.05	4.08	81.0	81.6	57.0-137			0.738	20
1,1,1-Trichloroethane	5.00	5.87	5.88	117	118	73.0-124			0.170	20
1,1,2-Trichloroethane	5.00	5.36	5.08	107	102	80.0-120			5.36	20
Trichloroethene	5.00	5.42	5.00	108	100	78.0-124			8.06	20
Trichlorofluoromethane	5.00	5.88	5.95	118	119	59.0-147			1.18	20
1,2,3-Trichloropropane	5.00	5.41	5.31	108	106	73.0-130			1.87	20
1,2,4-Trimethylbenzene	5.00	5.23	4.96	105	99.2	76.0-121			5.30	20
1,2,3-Trimethylbenzene	5.00	5.10	5.06	102	101	77.0-120			0.787	20
1,3,5-Trimethylbenzene	5.00	5.43	5.20	109	104	76.0-122			4.33	20
Vinyl chloride	5.00	4.81	5.05	96.2	101	67.0-131			4.87	20
Xylenes, Total	15.0	15.1	14.6	101	97.3	79.0-123			3.37	20
(S) Toluene-d8				*102*	*99.6*	*80.0-120*				
(S) 4-Bromofluorobenzene				*96.4*	*96.9*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*112*	*113*	*70.0-130*				

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

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
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*

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 %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
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

QUALITY CONTROL SUMMARY

L1858014-01,02,03,04,05,06

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 %	LCS Qualifier	LCSD Qualifier	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

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 %	LCS Qualifier	LCSD Qualifier	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
(S) Toluene-d8				*107*	*108*	*80.0-120*				
(S) 4-Bromofluorobenzene				*98.2*	*99.0*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*101*	*101*	*70.0-130*				

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 %
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	J5	J5	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

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*				

Method Blank (MB)

(MB) R4214142-3 05/13/25 12:28

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

Method Blank (MB)

(MB) R4214142-3 05/13/25 12:28

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
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	*101*			*80.0-120*
(S) 4-Bromofluorobenzene	*96.7*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*

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

(LCS) R4214142-1 05/13/25 11:27 • (LCSD) R4214142-2 05/13/25 11:47

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	25.2	24.4	101	97.6	19.0-160			3.23	27
Acrolein	25.0	25.8	26.6	103	106	10.0-160			3.05	26
Acrylonitrile	25.0	26.6	27.0	106	108	55.0-149			1.49	20
Benzene	5.00	4.64	4.93	92.8	98.6	70.0-123			6.06	20

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

(LCS) R4214142-1 05/13/25 11:27 • (LCSD) R4214142-2 05/13/25 11:47

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromobenzene	5.00	5.18	5.35	104	107	73.0-121			3.23	20
Bromodichloromethane	5.00	4.81	4.99	96.2	99.8	75.0-120			3.67	20
Bromoform	5.00	4.75	4.82	95.0	96.4	68.0-132			1.46	20
Bromomethane	5.00	4.55	5.41	91.0	108	10.0-160			17.3	25
n-Butylbenzene	5.00	5.39	5.51	108	110	73.0-125			2.20	20
sec-Butylbenzene	5.00	5.36	5.40	107	108	75.0-125			0.744	20
tert-Butylbenzene	5.00	5.39	5.54	108	111	76.0-124			2.74	20
Carbon tetrachloride	5.00	4.82	5.09	96.4	102	68.0-126			5.45	20
Chlorobenzene	5.00	4.79	4.85	95.8	97.0	80.0-121			1.24	20
Chlorodibromomethane	5.00	4.84	4.88	96.8	97.6	77.0-125			0.823	20
Chloroethane	5.00	4.37	4.98	87.4	99.6	47.0-150			13.0	20
Chloroform	5.00	4.69	4.81	93.8	96.2	73.0-120			2.53	20
Chloromethane	5.00	4.05	4.27	81.0	85.4	41.0-142			5.29	20
2-Chlorotoluene	5.00	5.27	5.34	105	107	76.0-123			1.32	20
4-Chlorotoluene	5.00	5.26	5.41	105	108	75.0-122			2.81	20
1,2-Dibromo-3-Chloropropane	5.00	5.27	5.01	105	100	58.0-134			5.06	20
1,2-Dibromoethane	5.00	4.88	4.95	97.6	99.0	80.0-122			1.42	20
Dibromomethane	5.00	4.83	5.03	96.6	101	80.0-120			4.06	20
1,2-Dichlorobenzene	5.00	5.21	5.21	104	104	79.0-121			0.000	20
1,3-Dichlorobenzene	5.00	5.21	5.31	104	106	79.0-120			1.90	20
1,4-Dichlorobenzene	5.00	5.13	5.19	103	104	79.0-120			1.16	20
Dichlorodifluoromethane	5.00	3.59	3.81	71.8	76.2	51.0-149			5.95	20
1,1-Dichloroethane	5.00	4.78	5.00	95.6	100	70.0-126			4.50	20
1,2-Dichloroethane	5.00	4.36	4.92	87.2	98.4	70.0-128			12.1	20
1,1-Dichloroethene	5.00	4.59	4.92	91.8	98.4	71.0-124			6.94	20
cis-1,2-Dichloroethene	5.00	4.46	4.58	89.2	91.6	73.0-120			2.65	20
trans-1,2-Dichloroethene	5.00	4.52	4.84	90.4	96.8	73.0-120			6.84	20
1,2-Dichloropropane	5.00	4.60	4.83	92.0	96.6	77.0-125			4.88	20
1,1-Dichloropropene	5.00	4.73	4.99	94.6	99.8	74.0-126			5.35	20
1,3-Dichloropropane	5.00	4.83	4.91	96.6	98.2	80.0-120			1.64	20
cis-1,3-Dichloropropene	5.00	4.73	4.87	94.6	97.4	80.0-123			2.92	20
trans-1,3-Dichloropropene	5.00	4.78	5.02	95.6	100	78.0-124			4.90	20
2,2-Dichloropropane	5.00	5.11	5.48	102	110	58.0-130			6.99	20
Di-isopropyl ether	5.00	4.91	4.92	98.2	98.4	58.0-138			0.203	20
Ethylbenzene	5.00	4.67	4.89	93.4	97.8	79.0-123			4.60	20
Hexachloro-1,3-butadiene	5.00	5.14	5.39	103	108	54.0-138			4.75	20
Isopropylbenzene	5.00	5.06	5.23	101	105	76.0-127			3.30	20
p-Isopropyltoluene	5.00	5.41	5.47	108	109	76.0-125			1.10	20
2-Butanone (MEK)	25.0	23.5	25.0	94.0	100	44.0-160			6.19	20
Methylene Chloride	5.00	4.50	4.81	90.0	96.2	67.0-120			6.66	20

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

(LCS) R4214142-1 05/13/25 11:27 • (LCSD) R4214142-2 05/13/25 11:47

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
4-Methyl-2-pentanone (MIBK)	25.0	25.7	26.0	103	104	68.0-142			1.16	20
Methyl tert-butyl ether	5.00	4.88	5.26	97.6	105	68.0-125			7.50	20
Naphthalene	5.00	5.20	5.05	104	101	54.0-135			2.93	20
n-Propylbenzene	5.00	4.84	5.01	96.8	100	77.0-124			3.45	20
Styrene	5.00	4.73	4.90	94.6	98.0	73.0-130			3.53	20
1,1,1,2-Tetrachloroethane	5.00	4.92	4.95	98.4	99.0	75.0-125			0.608	20
1,1,2,2-Tetrachloroethane	5.00	5.24	5.19	105	104	65.0-130			0.959	20
1,1,2-Trichlorotrifluoroethane	5.00	4.50	4.80	90.0	96.0	69.0-132			6.45	20
Tetrachloroethene	5.00	4.88	4.97	97.6	99.4	72.0-132			1.83	20
Toluene	5.00	4.77	4.88	95.4	97.6	79.0-120			2.28	20
1,2,3-Trichlorobenzene	5.00	5.09	4.98	102	99.6	50.0-138			2.18	20
1,2,4-Trichlorobenzene	5.00	4.98	5.08	99.6	102	57.0-137			1.99	20
1,1,1-Trichloroethane	5.00	4.77	5.07	95.4	101	73.0-124			6.10	20
1,1,2-Trichloroethane	5.00	4.69	4.69	93.8	93.8	80.0-120			0.000	20
Trichloroethene	5.00	4.82	5.05	96.4	101	78.0-124			4.66	20
Trichlorofluoromethane	5.00	4.49	4.66	89.8	93.2	59.0-147			3.72	20
1,2,3-Trichloropropane	5.00	5.20	5.45	104	109	73.0-130			4.69	20
1,2,4-Trimethylbenzene	5.00	5.28	5.34	106	107	76.0-121			1.13	20
1,2,3-Trimethylbenzene	5.00	5.29	5.31	106	106	77.0-120			0.377	20
1,3,5-Trimethylbenzene	5.00	5.20	5.44	104	109	76.0-122			4.51	20
Vinyl chloride	5.00	4.17	4.55	83.4	91.0	67.0-131			8.72	20
Xylenes, Total	15.0	14.5	14.9	96.7	99.3	79.0-123			2.72	20
(S) Toluene-d8				*99.6*	*99.9*	*80.0-120*				
(S) 4-Bromofluorobenzene				*97.2*	*96.5*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*102*	*105*	*70.0-130*				

Method Blank (MB)

(MB) R4214309-1 05/13/25 18:13

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
C10-C28 Diesel Range	U		60.5	100
C28-C36 Motor Oil Range	U		77.2	100
(S) o-Terphenyl	*117*			*52.0-156*

Laboratory Control Sample (LCS)

(LCS) R4214309-2 05/13/25 18:35

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
C10-C28 Diesel Range	1500	1670	111	50.0-150	
(S) o-Terphenyl			*121*	*52.0-156*	

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

(OS) L1858014-01 05/13/25 18:57 • (MS) R4214309-3 05/13/25 19:19 • (MSD) R4214309-4 05/13/25 19:42

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
C10-C28 Diesel Range	1430	ND	1810	1840	120	123	1	50.0-150			1.64	20
(S) o-Terphenyl					*111*	*123*		*52.0-156*				

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

Method Blank (MB)

(MB) R4214302-2 05/13/25 20:22

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acenaphthene	U		0.0886	1.00
Acenaphthylene	U		0.0921	1.00
Anthracene	U		0.0804	1.00
Benzidine	U		3.74	10.0
Benzo(a)anthracene	U		0.199	1.00
Benzo(b)fluoranthene	U		0.130	1.00
Benzo(k)fluoranthene	U		0.120	1.00
Benzo(g,h,i)perylene	U		0.121	1.00
Benzo(a)pyrene	U		0.0381	1.00
Bis(2-chlorethoxy)methane	U		0.116	10.0
Bis(2-chloroethyl)ether	U		0.137	10.0
2,2-Oxybis(1-Chloropropane)	U		0.210	10.0
4-Bromophenyl-phenylether	U		0.0877	10.0
2-Chloronaphthalene	U		0.0648	1.00
4-Chlorophenyl-phenylether	U		0.0926	10.0
Chrysene	U		0.130	1.00
Dibenz(a,h)anthracene	U		0.0644	1.00
1,2-Dichlorobenzene	U		0.0713	10.0
1,3-Dichlorobenzene	U		0.132	10.0
1,4-Dichlorobenzene	U		0.0942	10.0
3,3-Dichlorobenzidine	U		0.212	10.0
2,4-Dinitrotoluene	U		0.0983	10.0
2,6-Dinitrotoluene	U		0.250	10.0
Fluoranthene	U		0.102	1.00
Fluorene	U		0.0844	1.00
Hexachlorobenzene	U		0.0755	1.00
Hexachloro-1,3-butadiene	U		0.0968	10.0
Hexachlorocyclopentadiene	U		0.0598	10.0
Hexachloroethane	U		0.127	10.0
Indeno(1,2,3-cd)pyrene	U		0.279	1.00
Isophorone	U		0.143	10.0
1-Methylnaphthalene	U		0.0790	1.00
2-Methylnaphthalene	U		0.117	1.00
Naphthalene	U		0.159	1.00
Nitrobenzene	U		0.297	10.0
n-Nitrosodimethylamine	U		0.998	10.0
n-Nitrosodiphenylamine	U		2.37	10.0
n-Nitrosodi-n-propylamine	U		0.261	10.0
Phenanthrene	U		0.112	1.00
Benzylbutyl phthalate	U		0.765	3.00

Method Blank (MB)

(MB) R4214302-2 05/13/25 20:22

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Bis(2-ethylhexyl)phthalate	U		0.895	3.00
Di-n-butyl phthalate	U		0.453	3.00
Diethyl phthalate	U		0.287	3.00
Dimethyl phthalate	U		0.260	3.00
Di-n-octyl phthalate	U		0.932	3.00
Pyrene	U		0.107	1.00
1,2,4-Trichlorobenzene	U		0.0698	10.0
4-Chloro-3-methylphenol	U		0.131	10.0
2-Chlorophenol	U		0.133	10.0
2,4-Dichlorophenol	U		0.102	10.0
2,4-Dimethylphenol	U		0.0636	10.0
4,6-Dinitro-2-methylphenol	U		1.12	10.0
2,4-Dinitrophenol	U		5.93	10.0
2-Nitrophenol	U		0.117	10.0
4-Nitrophenol	U		0.143	10.0
Pentachlorophenol	U		0.313	10.0
Phenol	U		4.33	10.0
2,4,6-Trichlorophenol	U		0.100	10.0
(S) 2-Fluorophenol	*48.8*			*10.0-120*
(S) Phenol-d5	*30.3*			*10.0-120*
(S) Nitrobenzene-d5	*79.4*			*10.0-127*
(S) 2-Fluorobiphenyl	*75.1*			*10.0-130*
(S) 2,4,6-Tribromophenol	*57.0*			*10.0-155*
(S) p-Terphenyl-d14	*80.6*			*10.0-128*

Laboratory Control Sample (LCS)

(LCS) R4214302-1 05/13/25 20:00

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	50.0	44.2	88.4	41.0-120	
Acenaphthylene	50.0	49.4	98.8	43.0-120	
Anthracene	50.0	44.5	89.0	45.0-120	
Benzidine	100	7.36	7.36	10.0-120	J4
Benzo(a)anthracene	50.0	45.8	91.6	47.0-120	
Benzo(b)fluoranthene	50.0	47.6	95.2	46.0-120	
Benzo(k)fluoranthene	50.0	47.4	94.8	46.0-120	
Benzo(g,h,i)perylene	50.0	42.2	84.4	48.0-121	
Benzo(a)pyrene	50.0	48.9	97.8	47.0-120	

Laboratory Control Sample (LCS)

(LCS) R4214302-1 05/13/25 20:00

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bis(2-chlorethoxy)methane	50.0	36.4	72.8	33.0-120	
Bis(2-chloroethyl)ether	50.0	39.1	78.2	23.0-120	
2,2-Oxybis(1-Chloropropane)	50.0	38.4	76.8	28.0-120	
4-Bromophenyl-phenylether	50.0	45.0	90.0	45.0-120	
2-Chloronaphthalene	50.0	43.2	86.4	37.0-120	
4-Chlorophenyl-phenylether	50.0	41.9	83.8	44.0-120	
Chrysene	50.0	44.6	89.2	48.0-120	
Dibenz(a,h)anthracene	50.0	47.2	94.4	47.0-120	
1,2-Dichlorobenzene	50.0	38.8	77.6	20.0-120	
1,3-Dichlorobenzene	50.0	38.2	76.4	17.0-120	
1,4-Dichlorobenzene	50.0	40.1	80.2	18.0-120	
3,3-Dichlorobenzidine	100	75.4	75.4	44.0-120	
2,4-Dinitrotoluene	50.0	42.0	84.0	49.0-124	
2,6-Dinitrotoluene	50.0	40.0	80.0	46.0-120	
Fluoranthene	50.0	47.3	94.6	51.0-120	
Fluorene	50.0	42.6	85.2	47.0-120	
Hexachlorobenzene	50.0	42.2	84.4	44.0-120	
Hexachloro-1,3-butadiene	50.0	31.9	63.8	19.0-120	
Hexachlorocyclopentadiene	50.0	26.9	53.8	15.0-120	
Hexachloroethane	50.0	39.4	78.8	15.0-120	
Indeno(1,2,3-cd)pyrene	50.0	42.2	84.4	49.0-122	
Isophorone	50.0	37.3	74.6	36.0-120	
1-Methylnaphthalene	50.0	38.4	76.8	33.0-120	
2-Methylnaphthalene	50.0	38.4	76.8	33.0-120	
Naphthalene	50.0	37.0	74.0	27.0-120	
Nitrobenzene	50.0	38.6	77.2	27.0-120	
n-Nitrosodimethylamine	50.0	23.9	47.8	10.0-120	
n-Nitrosodiphenylamine	50.0	45.6	91.2	47.0-120	
n-Nitrosodi-n-propylamine	50.0	41.1	82.2	31.0-120	
Phenanthrene	50.0	43.7	87.4	46.0-120	
Benzylbutyl phthalate	50.0	43.6	87.2	43.0-121	
Bis(2-ethylhexyl)phthalate	50.0	43.8	87.6	43.0-122	
Di-n-butyl phthalate	50.0	48.6	97.2	49.0-121	
Diethyl phthalate	50.0	41.9	83.8	48.0-122	
Dimethyl phthalate	50.0	44.1	88.2	48.0-120	
Di-n-octyl phthalate	50.0	45.9	91.8	42.0-125	
Pyrene	50.0	43.7	87.4	47.0-120	
1,2,4-Trichlorobenzene	50.0	36.1	72.2	24.0-120	
4-Chloro-3-methylphenol	50.0	35.2	70.4	40.0-120	
2-Chlorophenol	50.0	34.5	69.0	25.0-120	

Laboratory Control Sample (LCS)

(LCS) R4214302-1 05/13/25 20:00

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
2,4-Dichlorophenol	50.0	37.2	74.4	36.0-120	
2,4-Dimethylphenol	50.0	31.5	63.0	33.0-120	
4,6-Dinitro-2-methylphenol	50.0	41.2	82.4	38.0-138	
2,4-Dinitrophenol	50.0	31.6	63.2	10.0-120	
2-Nitrophenol	50.0	38.0	76.0	31.0-120	
4-Nitrophenol	50.0	15.2	30.4	10.0-120	
Pentachlorophenol	50.0	27.4	54.8	23.0-120	
Phenol	50.0	17.0	34.0	10.0-120	
2,4,6-Trichlorophenol	50.0	41.8	83.6	42.0-120	
(S) 2-Fluorophenol			*52.5*	*10.0-120*	
(S) Phenol-d5			*36.1*	*10.0-120*	
(S) Nitrobenzene-d5			*78.5*	*10.0-127*	
(S) 2-Fluorobiphenyl			*88.9*	*10.0-130*	
(S) 2,4,6-Tribromophenol			*85.5*	*10.0-155*	
(S) p-Terphenyl-d14			*90.0*	*10.0-128*	

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

(OS) L1858014-01 05/13/25 21:49 • (MS) R4214302-3 05/13/25 22:11 • (MSD) R4214302-4 05/13/25 22:32

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 %
Acenaphthene	46.3	ND	25.3	34.2	54.6	73.9	1	28.0-120		J3	29.9	25
Acenaphthylene	46.3	ND	27.9	37.9	60.3	81.9	1	31.0-121		J3	30.4	25
Anthracene	46.3	ND	21.3	30.8	46.0	66.5	1	36.0-120		J3	36.5	23
Benzidine	92.6	ND	ND	ND	7.31	7.40	1	10.0-120	J6	J6	1.17	37
Benzo(a)anthracene	46.3	ND	21.1	27.6	45.6	59.6	1	39.0-120		J3	26.7	23
Benzo(b)fluoranthene	46.3	ND	22.9	28.0	49.5	60.5	1	37.0-120			20.0	23
Benzo(k)fluoranthene	46.3	ND	22.4	27.4	48.4	59.2	1	37.0-120			20.1	26
Benzo(g,h,i)perylene	46.3	ND	20.4	24.3	44.1	52.5	1	37.0-123			17.4	25
Benzo(a)pyrene	46.3	ND	20.7	27.5	44.7	59.4	1	37.0-120		J3	28.2	24
Bis(2-chlorethoxy)methane	46.3	ND	23.0	30.2	49.7	65.2	1	17.0-120			27.1	31
Bis(2-chloroethyl)ether	46.3	ND	25.3	31.6	54.6	68.3	1	14.0-120			22.1	33
2,2-Oxybis(1-Chloropropane)	46.3	ND	22.7	30.6	49.0	66.1	1	18.0-120			29.6	34
4-Bromophenyl-phenylether	46.3	ND	23.5	32.1	50.8	69.3	1	37.0-120		J3	30.9	24
2-Chloronaphthalene	46.3	ND	24.8	33.6	53.6	72.6	1	29.0-120		J3	30.1	28
4-Chlorophenyl-phenylether	46.3	ND	22.1	29.9	47.7	64.6	1	36.0-120		J3	30.0	23
Chrysene	46.3	ND	21.7	27.3	46.9	59.0	1	38.0-120			22.9	23
Dibenz(a,h)anthracene	46.3	ND	22.0	25.8	47.5	55.7	1	36.0-121			15.9	24
1,2-Dichlorobenzene	46.3	ND	22.8	31.4	49.2	67.8	1	18.0-120			31.7	40

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

(OS) L1858014-01 05/13/25 21:49 • (MS) R4214302-3 05/13/25 22:11 • (MSD) R4214302-4 05/13/25 22:32

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 %
1,3-Dichlorobenzene	46.3	ND	22.6	32.0	48.8	69.1	1	15.0-120			34.4	40
1,4-Dichlorobenzene	46.3	ND	23.4	32.6	50.5	70.4	1	17.0-120			32.9	40
3,3-Dichlorobenzidine	92.6	ND	ND	ND	0.000	9.75	1	10.0-134	J6	J3 J6	200	30
2,4-Dinitrotoluene	46.3	ND	24.8	33.6	53.6	72.6	1	39.0-125		J3	30.1	25
2,6-Dinitrotoluene	46.3	ND	23.8	33.0	51.4	71.3	1	36.0-120		J3	32.4	27
Fluoranthene	46.3	ND	23.9	32.7	51.6	70.6	1	41.0-121		J3	31.1	22
Fluorene	46.3	ND	24.2	32.4	52.3	70.0	1	37.0-120		J3	29.0	24
Hexachlorobenzene	46.3	ND	20.4	27.6	44.1	59.6	1	35.0-122		J3	30.0	24
Hexachloro-1,3-butadiene	46.3	ND	17.7	25.0	38.2	54.0	1	12.0-120		J3	34.2	34
Hexachlorocyclopentadiene	46.3	ND	13.7	20.4	29.6	44.1	1	10.0-120		J3	39.3	33
Hexachloroethane	46.3	ND	22.7	32.1	49.0	69.3	1	10.0-120			34.3	40
Indeno(1,2,3-cd)pyrene	46.3	ND	20.1	24.2	43.4	52.3	1	38.0-125			18.5	24
Isophorone	46.3	ND	23.5	31.0	50.8	67.0	1	21.0-120		J3	27.5	27
1-Methylnaphthalene	46.3	ND	22.9	29.7	49.5	64.1	1	11.0-120			25.9	27
2-Methylnaphthalene	46.3	ND	22.6	29.7	48.8	64.1	1	17.0-120			27.2	28
Naphthalene	46.3	ND	22.8	30.0	49.2	64.8	1	10.0-120			27.3	31
Nitrobenzene	46.3	ND	31.4	39.4	67.8	85.1	1	12.0-120			22.6	30
n-Nitrosodimethylamine	46.3	ND	17.0	21.8	36.7	47.1	1	10.0-120			24.7	40
n-Nitrosodiphenylamine	46.3	ND	25.2	34.6	54.4	74.7	1	37.0-120		J3	31.4	24
n-Nitrosodi-n-propylamine	46.3	ND	24.6	32.3	53.1	69.8	1	16.0-120			27.1	30
Phenanthrene	46.3	ND	23.8	31.8	51.4	68.7	1	33.0-120		J3	28.8	22
Benzylbutyl phthalate	46.3	ND	23.6	31.5	51.0	68.0	1	34.0-126		J3	28.7	24
Bis(2-ethylhexyl)phthalate	46.3	ND	20.8	24.4	44.9	52.7	1	33.0-126			15.9	25
Di-n-butyl phthalate	46.3	ND	25.6	34.3	55.3	74.1	1	35.0-128		J3	29.0	23
Diethyl phthalate	46.3	ND	24.1	32.3	52.1	69.8	1	39.0-125		J3	29.1	24
Dimethyl phthalate	46.3	ND	26.1	34.8	56.4	75.2	1	37.0-120		J3	28.6	24
Di-n-octyl phthalate	46.3	ND	23.2	26.7	50.1	57.7	1	25.0-135			14.0	26
Pyrene	46.3	ND	22.4	29.4	48.4	63.5	1	39.0-120		J3	27.0	22
1,2,4-Trichlorobenzene	46.3	ND	21.8	29.3	47.1	63.3	1	15.0-120			29.4	31
4-Chloro-3-methylphenol	46.3	ND	18.4	24.5	39.7	52.9	1	26.0-120		J3	28.4	27
2-Chlorophenol	46.3	ND	17.6	24.9	38.0	53.8	1	18.0-120		J3	34.4	34
2,4-Dichlorophenol	46.3	ND	19.7	27.2	42.5	58.7	1	19.0-120		J3	32.0	27
2,4-Dimethylphenol	46.3	ND	11.9	20.2	25.7	43.6	1	15.0-120		J3	51.7	28
4,6-Dinitro-2-methylphenol	46.3	ND	24.5	33.9	52.9	73.2	1	10.0-144			32.2	39
2,4-Dinitrophenol	46.3	ND	21.5	27.1	46.4	58.5	1	10.0-120			23.0	40
2-Nitrophenol	46.3	ND	23.2	32.4	50.1	70.0	1	20.0-120		J3	33.1	30
4-Nitrophenol	46.3	ND	10.9	13.7	23.5	29.6	1	10.0-120			22.8	40
Pentachlorophenol	46.3	ND	16.3	21.9	35.2	47.3	1	10.0-128			29.3	37
Phenol	46.3	ND	11.3	13.9	24.4	30.0	1	10.0-120			20.6	40
2,4,6-Trichlorophenol	46.3	ND	22.0	31.6	47.5	68.3	1	26.0-120		J3	35.8	31

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

(OS) L1858014-01 05/13/25 21:49 • (MS) R4214302-3 05/13/25 22:11 • (MSD) R4214302-4 05/13/25 22:32

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 %
(S) 2-Fluorophenol					*41.6*	*45.2*		*10.0-120*				
(S) Phenol-d5					*31.4*	*31.1*		*10.0-120*				
(S) Nitrobenzene-d5					*70.8*	*72.4*		*10.0-127*				
(S) 2-Fluorobiphenyl					*65.3*	*69.0*		*10.0-130*				
(S) 2,4,6-Tribromophenol					*57.3*	*65.4*		*10.0-155*				
(S) p-Terphenyl-d14					*47.6*	*50.9*		*10.0-128*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
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.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
T8	Sample(s) received past/too close to holding time expiration.
V	The sample concentration is too high to evaluate accurate spike recoveries.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [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.

F200

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

Scan QR Code for instructions

L1858014

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; tmcmullin@cteh.com;

Cc E-Mail: ecatlin@cteh.com; mklinkerman@cteh.com

Customer Project #: PROJ-054017

Invoice to: CTEH

Project Name: Bishop Loss of Containment

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 ________

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [X] Yes [ ] No

Analysis: Dissolved Metals

* 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)

**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

Analysis Requested	VOCs 8260D; TPH-GRO/DRO/ORO 8015D	SVOCs 8270E	Total Metals 6020B; Hardness 130.1	Dissolved Metals 6020B	Hexavalent Chromium	TDS; TSS	Anions; Alkalinity; pH	Total Phosphorus; Total Nitrogen; TKN; Ammonia	TOC	MBAS
Specify Container Size **	6x7	5x2	3x1	3x1	10x1	1x2	3,4	3x1	3x1	2x1
Identify Container Preservative Type***	4	1	2	2	11	1	1	3	3	1

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

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	VOCs 8260D; TPH-GRO/DRO/ORO 8015D	SVOCs 8270E	Total Metals 6020B; Hardness 130.1	Dissolved Metals 6020B	Hexavalent Chromium	TDS; TSS	Anions; Alkalinity; pH	Total Phosphorus; Total Nitrogen; TKN; Ammonia	TOC	MBAS	Sample Comment	Preservation non-conformance identified for sample.
GAC00512W001	SW	G	-	-	5/12/25	0738	19	-	-	X	X	X	X	X	X	X	X	X	X	01	
GAC00512T001	OT	-	-	-	5/12/25	0700	1	-	-	X	-	-	-	-	-	-	-	-	-	02	

Sample Receipt Checklist

COC Seal Present/Intact: ✓Y N NP

COC Signed/Accurate: ✓Y N

Bottles arrive intact: ✓Y N

Correct bottles used: ✓Y N

Sufficient volume sent: ✓Y N

RA Screen <0.5 mR/hr: ✓Y N

If Applicable

VOA Zero Headspace: ✓Y N

Pres. Correct/Check: ✓Y N

Condition: ___NCF ✓OK

Additional Instructions from Pace®: VOC and SVOC full list; Total Metals TAL+B; Dissolved Metals Al, As, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, Zn; Anions Br, Cl, F, SO4, NO2, NO3

Collected By: Printed Name: Adam Earhart

Signature: Adam Earhart

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:
Adam Earhart / CTEH	5/12/25 1800	PACE	5/12/25 1800
		[illegible]	05.13.25 1130

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 13

GAC00512SW

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

CHAIN-OF-CUSTODY Analytical Request Document

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LAB USE ONLY- Affix Workorder/Login Label Here

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Cc E-Mail: ecatlin@cteh.com; mklinkerman@cteh.com

Customer Project #: PROJ-054017
Project Name: Bishop Loss of Containment
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: [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
Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [X] Yes [ ] No
Analysis: Dissolved Metals

**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 #:; Profile / Template: T271979; Prelog / Bottle Ord. ID:

* 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)

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	VOCs 8260D; TPH-GRO/DRO/ORO 8015D	SVOCs 8270E	Total Metals 6020B; Hardness 130.1	Dissolved Metals 6020B	Hexavalent Chromium	TDS; TSS	Anions; Alkalinity; pH	Total Phosphorus; Total Nitrogen; TKN; Ammonia	TOC	MBAS	Sample Comment	Preservation non-conformance identified for sample.
							Specify Container Size **			6x7	5x2	3x1	3x1	10x1	1x2	3, 4	3x1	3x1	2x1		
							Identify Container Preservative Type***			4	1	2	2	11	1	1	3	3	1		
							Analysis Requested														
GAC00512W001MS	SW	G	-	-	5/12/25	0738	19	-	-	X	X	X	X	X	X	X	X	X	X	Matrix Spike	
GAC00512T002	OT	-	-	-	5/12/25	0700	1	-	-	X	-	-	-	-	-	-	-	-	-	03	

Additional Instructions from Pace®:
VOC and SVOC full list; Total Metals TAL+B; Dissolved Metals Al, As, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, Zn; Anions Br, Cl, F, SO4, NO2, NO3

Collected By: Printed Name: Adam Earhart
Signature: Adam Earhart

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:
Adam Earhart / CTEH	5/12/25 1800	PACE	5/12/25 1800	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 2 of 13

GAC00512SW

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

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Phone #:

E-Mail: chevron_bishop@cteh.com; kylelawrence@cteh.com; tmcmullin@cteh.com;

Cc E-Mail: ecatlin@cteh.com; mklinkerman@cteh.com

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

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Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [X] Yes [ ] No

Analysis: Dissolved Metals

* 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 **

6 x 7	5 x 2	3 x 1	3 x 1	10 x 1	1 x 2	3, 4	3 x 1	3 x 1	2 x 1
Identify Container Preservative Type***									
4	1	2	2	11	1	1	3	3	1

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

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

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	VOCs 8260D; TPH-GRO/DRO/ORO 8015D	SVOCs 8270E	Total Metals 6020B; Hardness 130.1	Dissolved Metals 6020B	Hexavalent Chromium	TDS; TSS	Anions; Alkalinity; pH	Total Phosphorus; Total Nitrogen; TKN; Ammonia	TOC	MBAS	Sample Comment	Preservation non-conformance identified for sample.
GAC00512W001MSD	SW	G	-	-	5/12/25	0738	19	-	-	X	X	X	X	X	X	X	X	X	X	Matrix Spike Duplicate	
GAC00512T003	OT	-	-	-	5/12/25	0700	1	-	-	X	-	-	-	-	-	-	-	-	-	04	

ak

Additional Instructions from Pace® : VOC and SVOC full list; Total Metals TAL+B; Dissolved Metals Al, As, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, Zn; Anions Br, Cl, F, SO4, NO2, NO3

Collected By: Printed Name: Adam Earhart Signature: Adam Earhart

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:
Adam Earhart / CTEH	5/12/25 1800	PACE	5/12/25 1800	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time: 05.13.25 11:30	[ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time: 05.13.25 CR	Page: 3 of 13

GAC00512SW

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

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; tmcmullin@cteh.com;
Cc E-Mail: ecatlin@cteh.com; mklinkerman@cteh.com

Customer Project #: PROJ-054017
Project Name: Bishop Loss of Containment
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: [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
Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [X] Yes [ ] No
Analysis: Dissolved Metals

* 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 **

6 x 7	5 x 2	3 x 1	3 x 1	10 x 1	1 x 2	3, 4	3 x 1	3 x 1	2 x 1
Identify Container Preservative Type***									
4	1	2	2	11	1	1	3	3	1

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

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	VOCs 8260D; TPH-GRO/DRO/ORO 8015D	SVOCs 8270E	Total Metals 6020B; Hardness 130.1	Dissolved Metals 6020B	Hexavalent Chromium	TDS; TSS	Anions; Alkalinity; pH	Total Phosphorus; Total Nitrogen; TKN; Ammonia	TOC	MBAS	Sample Comment
GAC00512W002	SW	G	-	-	5/12/25	0829	19	-	-	X	X	X	X	X	X	X	X	X	X	OS
GAC00512T004	OT	-	-	-	5/12/25	0700	1	-	-	X	-	-	-	-	-	-	-	-	-	OO

all

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.

Additional Instructions from Pace® :
VOC and SVOC full list; Total Metals TAL+B; Dissolved Metals Al, As, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, Zn; Anions Br, Cl, F, SO4, NO2, NO3

Collected By: Printed Name: Adam Earhart
Signature: adam earhart

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:
adam earhart / CTEH	5/12/25 1800	PACE	5/12/25 1800	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 4 of 13

GAC00512SW

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

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Phone #:
E-Mail: chevron_bishop@cteh.com; kylelawrence@cteh.com; tmcmullin@cteh.com;
Cc E-Mail: ecatlin@cteh.com; mklinkerman@cteh.com

Customer Project #: PROJ-054017
Project Name: Bishop Loss of Containment
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: [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
Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [X] Yes [ ] No
Analysis: Dissolved Metals

* 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 **

6 x 7	5 x 2	3 x 1	3 x 1	10 x 1	1 x 2	3, 4	3 x 1	3 x 1	2 x 1
Identify Container Preservative Type***									
4	1	2	2	11	1	1	3	3	1
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

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	VOCs 8260D; TPH-GRO/DRO/ORO 8015D	SVOCs 8270E	Total Metals 6020B; Hardness 130.1	Dissolved Metals 6020B	Hexavalent Chromium	TDS; TSS	Anions; Alkalinity; pH	Total Phosphorus; Total Nitrogen; TKN; Ammonia	TOC	MBAS	Sample Comment
GAC00512W002.5	SW	G	-	-	5/12/25	0844	19	-	-	X	X	X	X	X	X	X	X	X	X	07
GAC00512T005	OT	-	-	-	5/12/25	0700	1	-	-	X	-	-	-	-	-	-	-	-	-	06

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.

Additional Instructions from Pace® : VOC and SVOC full list; Total Metals TAL+B; Dissolved Metals Al, As, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, Zn; Anions Br, Cl, F, SO4, NO2, NO3

Collected By: Printed Name: Adam Earhart; Signature: Adam Earhart

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:
Adam Earhart / CTEH	5/12/25 1800	PACE	5/12/25 1800
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time: 05/13/25 1130
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

GAC00512SW

Pace® Location Requested (City/State):

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

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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; tmcmullin@cteh.com;

Cc E-Mail: ecatlin@cteh.com; mklinkerman@cteh.com

Customer Project #: PROJ-054017

Project Name: Bishop Loss of Containment

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: [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

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [X] Yes [ ] No

Analysis: Dissolved Metals

* 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 **

6 x 7	5 x 2	3 x 1	3 x 1	10 x 1	1 x 2	3, 4	3 x 1	3 x 1	2 x 1
Identify Container Preservative Type***									
4	1	2	2	11	1	1	3	3	1

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

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	VOCs 8260D; TPH-GRO/DRO/ORO 8015D	SVOCs 8270E	Total Metals 6020B; Hardness 130.1	Dissolved Metals 6020B	Hexavalent Chromium	TDS; TSS	Anions; Alkalinity; pH	Total Phosphorus; Total Nitrogen; TKN; Ammonia	TOC	MBAS	Sample Comment
GAC00512W003	SW	G	-	-	5/12/25	0902	19	-	-	X	X	X	X	X	X	X	X	X	X	09
GAC00512T006	OT	-	-	-	5/12/25	0700	1	-	-	X	-	-	-	-	-	-	-	-	-	10

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.

Additional Instructions from Pace® :

VOC and SVOC full list; Total Metals TAL+B; Dissolved Metals Al, As, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, Zn; Anions Br, Cl, F, SO4, NO2, NO3

Collected By: Printed Name: Adam Earhart Signature: adam Earhart

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:
adam Earhart / CTEH	5/12/25 1800	PACE	5/12/25 1800
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) CRobers	Date/Time: 06.13.25 1130
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

GAC00512SW

Pace® Location Requested (City/State):

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

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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; 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 Loss of Containment

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 ____

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [X] Yes [ ] No

Analysis: Dissolved Metals

**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 #:; Profile / Template: T271979; Prelog / Bottle Ord. ID:

* 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)

											VOCs 8260D; TPH-GRO/DRO/ORO 8015D	SVOCs 8270E	Total Metals 6020B; Hardness 130.1	Dissolved Metals 6020B	Hexavalent Chromium	TDS; TSS	Anions; Alkalinity; pH	Total Phosphorus; Total Nitrogen; TKN; Ammonia	TOC	MBAS		
										Specify Container Size **	6 x 7	5 x 2	3 x 1	3 x 1	10 x 1	1 x 2	3, 4	3 x 1	3 x 1	2 x 1		
										Identify Container Preservative Type***	4	1	2	2	11	1	1	3	3	1		
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	Preservation non-conformance identified for sample.
GACO0512W004	SW	G	-	-	5/12/2025	0835	19	-	-		X	X	X	X	X	X	X	X	X	X	11	
GACO0512T007	OT	-	-	-	5/12/2025	0700	1	-	-		X	-	-	-	-	-	-	-	-	-	12	

RR

Additional Instructions from Pace® :
VOC and SVOC full list; Total Metals TAL+B; Dissolved Metals Al, As, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, Zn; Anions Br, Cl, F, SO4, NO2, NO3

Collected By: Printed Name: Reasan Rives
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)	Date/Time:	Received by/Company: (Signature)	Date/Time:
[signature] CTEH	05/12/25 18:00	Pace	05/12/25 18:00
		C Roberto	05-13-25 1130

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 7 of 13 RR

GACO0512SW

Pace® Location Requested (City/State):

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

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Customer Project #: PROJ-054017

Invoice to: CTEH

Project Name: Bishop Loss of Containment

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

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [X] Yes [ ] No

Analysis: Dissolved Metals

* 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 **

6 x 7	5 x 2	3 x 1	3 x 1	10 x 1	1 x 2	3, 4	3 x 1	3 x 1	2 x 1
Identify Container Preservative Type***									
4	1	2	2	11	1	1	3	3	1
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

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	VOCs 8260D; TPH-GRO/DRO/ORO 8015D	SVOCs 8270E	Total Metals 6020B; Hardness 130.1	Dissolved Metals 6020B	Hexavalent Chromium	TDS; TSS	Anions; Alkalinity; pH	Total Phosphorus; Total Nitrogen; TKN; Ammonia	TOC	MBAS	Sample Comment	Preservation non-conformance identified for sample.
GAC00512V004	SW	G	-	-	5/12/2025	0835	19	-	-	X	X	X	X	X	X	X	X	X	X	13	
GAC00512T008	OT	-	-	-	5/12/2025	0700	1	-	-	X	-	-	-	-	-	-	-	-	-	14	

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

Additional Instructions from Pace® : VOC and SVOC full list; Total Metals TAL+B; Dissolved Metals Al, As, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, Zn; Anions Br, Cl, F, SO4, NO2, NO3

Collected By: Printed Name: Reason Elvis 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)	Date/Time:	Received by/Company: (Signature)	Date/Time:
CTEH	05/12/25 1000	Paul	05/12/25 1800
			05/13/25 1130

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 08 of 13

GAC00512SW

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

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; 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 Loss of Containment

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

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [X] Yes [ ] No

Analysis: Dissolved Metals

* 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 **: 6 x 7 | 5 x 2 | 3 x 1 | 3 x 1 | 10 x 1 | 1 x 2 | 3, 4 | 3 x 1 | 3 x 1 | 2 x 1

Identify Container Preservative Type***: 4 | 1 | 2 | 2 | 11 | 1 | 1 | 3 | 3 | 1

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

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	VOCs 8260D; TPH-GRO/DRO/ORO 8015D	SVOCs 8270E	Total Metals 6020B; Hardness 130.1	Dissolved Metals 6020B	Hexavalent Chromium	TDS; TSS	Anions; Alkalinity; pH	Total Phosphorus; Total Nitrogen; TKN; Ammonia	TOC	MBAS	Sample Comment	Preservation non-conformance identified for sample.
GAC00512W004.5	SW	G	-	-	5/12/2025	0810	19	-	-	X	X	X	X	X	X	X	X	X	X	15	
GAC00512T009	OT	-	-	-	5/12/2025	0700	1	-	-	X	-	-	-	-	-	-	-	-	-	16	
					KR																

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

Additional Instructions from Pace®: VOC and SVOC full list; Total Metals TAL+B; Dissolved Metals Al, As, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, Zn; Anions Br, Cl, F, SO4, NO2, NO3

Collected By: Printed Name: Reagan Rivas 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)	Date/Time:	Received by/Company: (Signature)	Date/Time:
CTEH	05/12/25 1800	Paci	05/12/25 1800
		CRobers	05/13/25 1130

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

GAC00512SW

Pace® Location Requested (City/State):

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

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Company Name: CTEH, LLC	Contact/Report To: Chevron-Bishop, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman
Street Address: 5120 North Shore Drive, North Little Rock, AR 72118	Phone #:
	E-Mail: chevron_bishop@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 Loss of Containment	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 Date Results Requested:
	DW PWSID # or WW Permit # as applicable:
	Field Filtered (if applicable): [X] Yes [ ] No
	Analysis: Dissolved Metals

* 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 **

6 x 7	5 x 2	3 x 1	3 x 1	10 x 1	1 x 2	3, 4	3 x 1	3 x 1	2 x 1

Identify Container Preservative Type***

4	1	2	2	11	1	1	3	3	1

Analysis Requested

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	VOCs 8260D; TPH-GRO/DRO/ORO 8015D	SVOCs 8270E	Total Metals 6020B; Hardness 130.1	Dissolved Metals 6020B	Hexavalent Chromium	TDS; TSS	Anions; Alkalinity; pH	Total Phosphorus; Total Nitrogen; TKN; Ammonia	TOC	MBAS	Sample Comment
GAC00512W005	SW	G	-	-	5/12/2025	0945	19	-	-	X	X	X	X	X	X	X	X	X	X	17
GAC00512T010	OT	-	-	-	5/12/2025	0700	1	-	-	X	-	-	-	-	-	-	-	-	-	18

**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 #:

Profile / Template: T271979

Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
VOC and SVOC full list; Total Metals TAL+B; Dissolved Metals Al, As, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, Zn; Anions Br, Cl, F, SO4, NO2, NO3

Collected By: Printed Name: Reagan Rives 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)	Date/Time:	Received by/Company: (Signature)	Date/Time:
CTEH	05/12/25 1800	Pace	05/12/25 1800
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
			05/13/25 1130
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

GAC00512SW

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

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Company Name: CTEH, LLC
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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; 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 Loss of Containment
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 ______
Date Results Requested:
DW PWSID # or WW Permit # as applicable:
Field Filtered (if applicable): [X] Yes [ ] No
Analysis: Dissolved Metals

* 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)

**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 #:; Profile / Template: T271979; Prelog / Bottle Ord. ID:

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	VOCs 8260D; TPH-GRO/DRO/ORO 8015D	SVOCs 8270E	Total Metals 6020B; Hardness 130.1	Dissolved Metals 6020B	Hexavalent Chromium	TDS; TSS	Anions; Alkalinity; pH	Total Phosphorus; Total Nitrogen; TKN; Ammonia	TOC	MBAS	Sample Comment	Preservation non-conformance identified for sample.
Specify Container Size **										6 x 7	5 x 2	3 x 1	3 x 1	10 x 1	1 x 2	3, 4	3 x 1	3 x 1	2 x 1		
Identify Container Preservative Type***										4	1	2	2	11	1	1	3	3	1		
GACO0512W006	SW	G	-	-	5/12/2025	0735	19	-	-	X	X	X	X	X	X	X	X	X	X	19	
GACO0512T011	OT	-	-	-	5/12/2025	0700	1	-	-	X	-	-	-	-	-	-	-	-	-	20	

Additional Instructions from Pace®: VOC and SVOC full list; Total Metals TAL+B; Dissolved Metals Al, As, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, Zn; Anions Br, Cl, F, SO4, NO2, NO3

Collected By: Printed Name: Remson B.:13 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)	Date/Time:	Received by/Company: (Signature)	Date/Time:
[signature] CTEH	05/12/25 1800	Pace	05/12/25 1800
		CRoDeno	05.13.25 1130

Tracking Number:
Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 11 of 13

GACO0512SW

Pace® Location Requested (City/State):

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

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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

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Cc E-Mail: ecatlin@cteh.com; mklinkerman@cteh.com

Customer Project #: PROJ-054017

Invoice to: CTEH

Project Name: Bishop Loss of Containment

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

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [X] Yes [ ] No

Analysis: Dissolved Metals

* 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 **

6 x 7	5 x 2	3 x 1	3 x 1	10 x 1	1 x 2	3, 4	3 x 1	3 x 1	2 x 1

Identify Container Preservative Type***

4	1	2	2	11	1	1	3	3	1

Analysis Requested

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	VOCs 8260D; TPH-GRO/DRO/ORO 8015D	SVOCs 8270E	Total Metals 6020B; Hardness 130.1	Dissolved Metals 6020B	Hexavalent Chromium	TDS; TSS	Anions; Alkalinity; pH	Total Phosphorus; Total Nitrogen; TKN; Ammonia	TOC	MBAS	Sample Comment
GACO0512W008	SW	G	-	-	5/12/2025	0905	19	-	-	X	X	X	X	X	X	X	X	X	X	21
GACO0512T012	OT	-	-	-	5/12/2025	0700	1	-	-	X	-	-	-	-	-	-	-	-	-	22

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.

**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

Additional Instructions from Pace® :
VOC and SVOC full list; Total Metals TAL+B; Dissolved Metals Al, As, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, Zn; Anions Br, Cl, F, SO4, NO2, NO3

Collected By: Printed Name / Signature: Reagan Rivers

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:
CTEH	05/12/25 1800	Pace	05/21 1300
			05.13.25 1130

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

GACO0512SW

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Cc E-Mail: ecatlin@cteh.com; mklinkerman@cteh.com

Customer Project #: PROJ-054017

Invoice to: CTEH

Project Name: Bishop Loss of Containment

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

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

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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

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [X] Yes [ ] No

Analysis: Dissolved Metals

* 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 **

6 x 7	5 x 2	3 x 1	3 x 1	10 x 1	1 x 2	3, 4	3 x 1	3 x 1	2 x 1
4	1	2	2	11	1	1	3	3	1

Identify Container Preservative Type***

Analysis Requested

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	VOCs 8260D; TPH-GRO/DRO/ORO 8015D	SVOCs 8270E	Total Metals 6020B; Hardness 130.1	Dissolved Metals 6020B	Hexavalent Chromium	TDS; TSS	Anions; Alkalinity; pH	Total Phosphorus; Total Nitrogen; TKN; Ammonia	TOC	MBAS	Sample Comment
GAC00512F001	SW	G	-	-	5/12/2025	0905	19	-	-	X	X	X	X	X	X	X	X	X	X	23
GAC00512T013	OT	-	-	-	5/12/2025	0700	1	-	-	X	-	-	-	-	-	-	-	-	-	24

RR

**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 #:

Profile / Template: T271979

Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample.

Additional Instructions from Pace® : VOC and SVOC full list; Total Metals TAL+B; Dissolved Metals Al, As, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, Zn; Anions Br, Cl, F, SO4, NO2, NO3

Collected By: Printed Name: Reasan R.U.S. 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)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
~~Relinquished by/Company: (Signature)~~ CTEH	05/12/25 1900	PUC	05/12/25 1800	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time: 05/13/25 1130	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 13 of 13

GAC00512SW

Multiple Parcel Form L# L1858014

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
SWA	TLA9	3.1	0.4	3.5	Yes / No / Not Present
		1.7		2.1	Yes / No / Not Present
		4.2		4.6	Yes / No / Not Present
		5.0		5.4	Yes / No / Not Present
		4.3		4.7	Yes / No / Not Present
		0.5		0.9	Yes / No / Not Present
		4.6		5.0	Yes / No / Not Present
		4.3		4.7	Yes / No / Not Present
		5.0		5.4	Yes / No / Not Present
		3.0		3.4	Yes / No / Not Present
		4.1		4.5	Yes / No / Not Present
		3.6		4.0	Yes / No / Not Present
		3.2		3.6	Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present

CRoberts
Name

05.13.25
Date