ANALYTICAL REPORT

June 13, 2025

Revised Report

Pace Analytical Services, LLC
2025.06.13 21:29:41 -05'00'
Document is certified

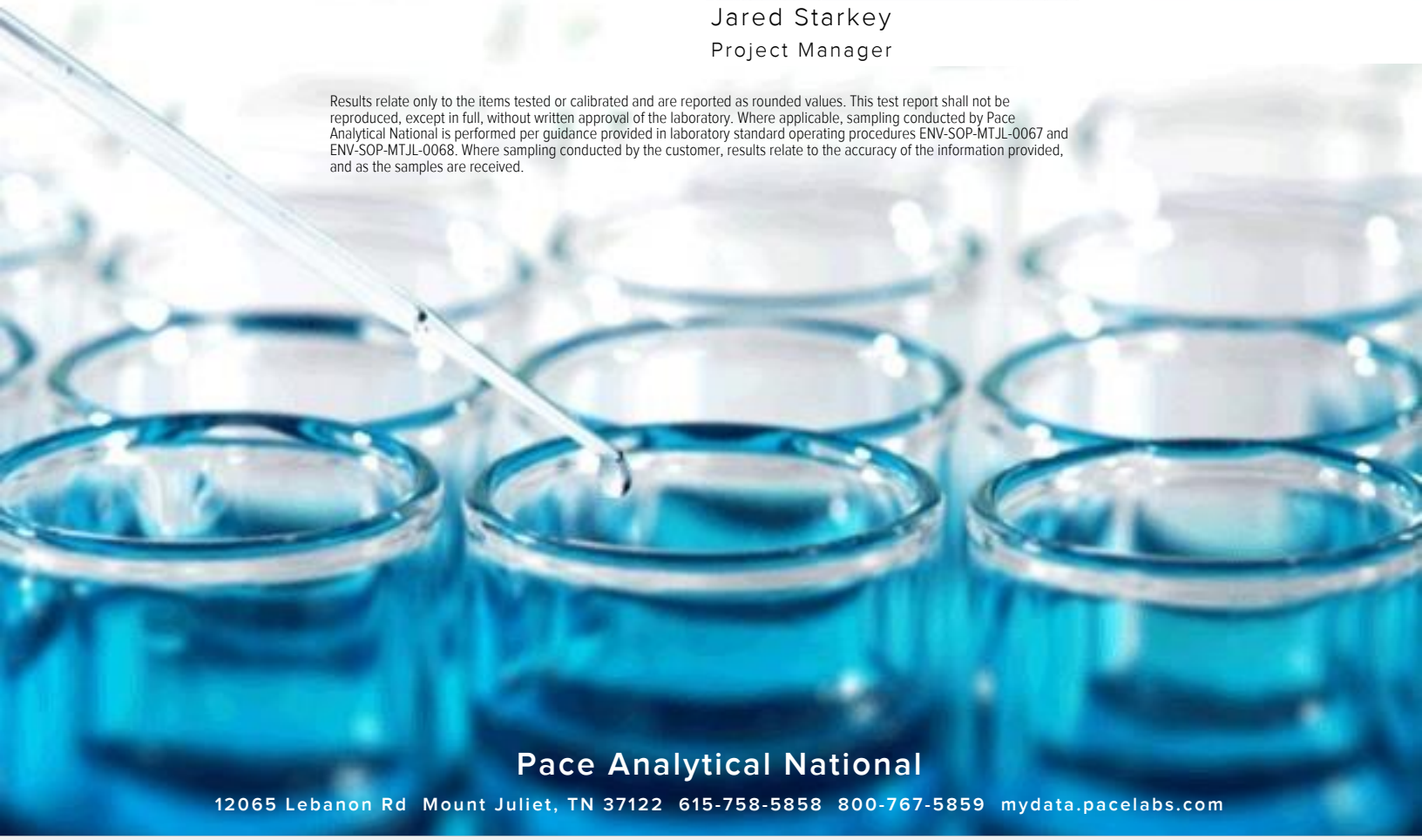
CTEH - ER

Sample Delivery Group:	L1854767
Samples Received:	05/03/2025
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

TABLE OF CONTENTS

Cp: Cover Page 1

Tc: Table of Contents 2

Ss: Sample Summary 4

Cn: Case Narrative 11

Sr: Sample Results 14

GACO0502W001 L1854767-01 14

GACO0502T001 L1854767-02 19

GACO0502V001 L1854767-03 21

GACO0502T002 L1854767-04 26

GACO0502W002 L1854767-05 28

GACO0502T003 L1854767-06 33

GACO0502W002.5 L1854767-07 35

GACO0502T004 L1854767-08 40

GACO0502T005 L1854767-10 42

GACO0502W004 L1854767-11 44

GACO0502T006 L1854767-12 49

GACO0502W004.5 L1854767-13 51

GACO0502T007 L1854767-14 56

GACO0502W005 L1854767-15 58

GACO0502T008 L1854767-16 63

GACO0502V005 L1854767-17 65

GACO0502T009 L1854767-18 70

GACO0502W006 L1854767-19 72

GACO0502T010 L1854767-20 77

GACO0502F001 L1854767-21 79

GACO0502T011 L1854767-22 84

Qc: Quality Control Summary 86

Gravimetric Analysis by Method 2540 C-2011 86

Gravimetric Analysis by Method 2540 D-2020 87

Wet Chemistry by Method 130.1 88

Wet Chemistry by Method 2320 B-2011 90

Wet Chemistry by Method 300.0 92

Wet Chemistry by Method 350.1 95

Wet Chemistry by Method 351.2 97

Wet Chemistry by Method 365.4 100

Wet Chemistry by Method 5310 B-2014 102

Wet Chemistry by Method 5540 C-2011 103

Wet Chemistry by Method 7199 104

Wet Chemistry by Method 9040C 106

Mercury by Method 7470A 107

Metals (ICPMS) by Method 6020B 108
Volatile Organic Compounds (GC) by Method 8015D/GRO 113
Volatile Organic Compounds (GC/MS) by Method 8260D 114
Semi-Volatile Organic Compounds (GC) by Method 8015D 122
Semi Volatile Organic Compounds (GC/MS) by Method 8270E 123
Gl: Glossary of Terms 127
Al: Accreditations & Locations 129
Sc: Sample Chain of Custody 130

GACO0502W001 L1854767-01

Collected by: Eric Powell | Collected date/time: 05/02/25 07:23 | Received date/time: 05/03/25 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2506834	1	05/05/25 22:25	05/05/25 22:25	JDW	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG2506171	1	05/03/25 17:08	05/04/25 09:46	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2506170	1	05/03/25 17:01	05/03/25 18:30	AMG	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2507268	5	05/05/25 18:02	05/06/25 12:48	CAT	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2506141	1	05/03/25 18:47	05/03/25 18:47	KRB	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2506081	5	05/03/25 17:56	05/03/25 17:56	AJC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2506081	50	05/03/25 18:08	05/03/25 18:08	AJC	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2506698	1	05/04/25 18:35	05/04/25 18:35	RTW	Mt. Juliet, TN
Wet Chemistry by Method 351.2	WG2506834	1	05/05/25 07:38	05/05/25 22:25	JDW	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2507345	1	05/05/25 07:38	05/05/25 15:04	AEC	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2506119	1	05/03/25 18:36	05/03/25 18:36	KAM	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2505657	1	05/03/25 16:46	05/03/25 18:44	JEG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2506705	1	05/04/25 18:18	05/04/25 18:18	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2506176	1	05/03/25 17:22	05/03/25 17:22	KRB	Mt. Juliet, TN
Mercury by Method 7470A	WG2506175	1	05/03/25 17:37	05/03/25 20:51	LAS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	1	05/03/25 16:56	05/04/25 11:23	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	5	05/03/25 16:56	05/04/25 12:44	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	5	05/03/25 16:56	05/04/25 16:37	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506140	1	05/03/25 17:02	05/04/25 14:03	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506140	5	05/03/25 17:02	05/04/25 16:53	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2506080	1	05/03/25 17:17	05/03/25 17:17	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2506146	1	05/03/25 21:40	05/03/25 21:40	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2506166	1	05/03/25 17:06	05/03/25 20:42	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2506165	1	05/03/25 16:58	05/04/25 04:21	NJK	Mt. Juliet, TN

GACO0502T001 L1854767-02

Collected by: Eric Powell | Collected date/time: 05/02/25 07:00 | Received date/time: 05/03/25 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2506146	1	05/03/25 19:45	05/03/25 19:45	JAH	Mt. Juliet, TN

GACO0502V001 L1854767-03

Collected by: Eric Powell | Collected date/time: 05/02/25 07:23 | Received date/time: 05/03/25 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2506834	1	05/05/25 22:26	05/05/25 22:26	JDW	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG2506171	1	05/03/25 17:08	05/04/25 09:46	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2506170	1	05/03/25 17:01	05/03/25 18:30	AMG	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2507268	5	05/05/25 18:02	05/06/25 12:49	CAT	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2506141	1	05/03/25 18:54	05/03/25 18:54	KRB	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2506081	5	05/03/25 18:21	05/03/25 18:21	AJC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2506081	50	05/03/25 18:34	05/03/25 18:34	AJC	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2506698	1	05/04/25 18:39	05/04/25 18:39	RTW	Mt. Juliet, TN
Wet Chemistry by Method 351.2	WG2506834	1	05/05/25 07:38	05/05/25 22:26	JDW	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2507345	1	05/05/25 07:38	05/05/25 15:05	AEC	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2506119	1	05/03/25 18:51	05/03/25 18:51	KAM	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2505657	1	05/03/25 16:46	05/03/25 18:44	JEG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2506705	1	05/04/25 18:27	05/04/25 18:27	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2506176	1	05/03/25 17:22	05/03/25 17:22	KRB	Mt. Juliet, TN
Mercury by Method 7470A	WG2506175	1	05/03/25 17:37	05/03/25 21:07	LAS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	1	05/03/25 16:56	05/04/25 11:35	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	5	05/03/25 16:56	05/04/25 12:47	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	5	05/03/25 16:56	05/04/25 16:49	LD	Mt. Juliet, TN

GACO0502V001 L1854767-03

Collected by: Eric Powell | Collected date/time: 05/02/25 07:23 | Received date/time: 05/03/25 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG2506140	1	05/03/25 17:02	05/04/25 14:06	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506140	5	05/03/25 17:02	05/04/25 16:57	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2506080	1	05/03/25 17:37	05/03/25 17:37	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2506146	1	05/03/25 21:59	05/03/25 21:59	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2506166	1	05/03/25 17:06	05/03/25 21:02	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2506165	1	05/03/25 16:58	05/04/25 04:43	NJK	Mt. Juliet, TN

GACO0502T002 L1854767-04

Collected by: Eric Powell | Collected date/time: 05/02/25 07:00 | Received date/time: 05/03/25 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2506146	1	05/03/25 20:04	05/03/25 20:04	JAH	Mt. Juliet, TN

GACO0502W002 L1854767-05

Collected by: Eric Powell | Collected date/time: 05/02/25 08:04 | Received date/time: 05/03/25 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2506834	1	05/05/25 22:28	05/05/25 22:28	JDW	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG2506171	1	05/03/25 17:08	05/04/25 09:46	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2506170	1	05/03/25 17:01	05/03/25 18:30	AMG	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2507268	5	05/05/25 18:02	05/06/25 12:50	CAT	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2506141	1	05/03/25 19:01	05/03/25 19:01	KRB	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2506081	5	05/03/25 18:46	05/03/25 18:46	AJC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2506081	50	05/03/25 18:59	05/03/25 18:59	AJC	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2506698	1	05/04/25 18:41	05/04/25 18:41	RTW	Mt. Juliet, TN
Wet Chemistry by Method 351.2	WG2506834	1	05/05/25 07:38	05/05/25 22:28	JDW	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2507345	1	05/05/25 07:38	05/05/25 15:06	AEC	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2506119	1	05/03/25 19:07	05/03/25 19:07	KAM	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2505657	1	05/03/25 16:46	05/03/25 18:48	JEG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2506705	1	05/04/25 18:37	05/04/25 18:37	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2506176	1	05/03/25 17:22	05/03/25 17:22	KRB	Mt. Juliet, TN
Mercury by Method 7470A	WG2506175	1	05/03/25 17:37	05/03/25 21:09	LAS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	1	05/03/25 16:56	05/04/25 11:38	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	5	05/03/25 16:56	05/04/25 12:54	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	5	05/03/25 16:56	05/04/25 16:53	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506140	1	05/03/25 17:02	05/04/25 14:10	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506140	5	05/03/25 17:02	05/04/25 17:00	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2506080	1	05/03/25 17:56	05/03/25 17:56	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2506146	1	05/03/25 22:18	05/03/25 22:18	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2506166	1	05/03/25 17:06	05/03/25 21:23	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2506165	1	05/03/25 16:58	05/04/25 05:05	NJK	Mt. Juliet, TN

GACO0502T003 L1854767-06

Collected by: Eric Powell | Collected date/time: 05/02/25 07:00 | Received date/time: 05/03/25 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2506146	1	05/03/25 20:23	05/03/25 20:23	JAH	Mt. Juliet, TN

GACO0502W002.5 L1854767-07

Collected by: Eric Powell | Collected date/time: 05/02/25 08:19 | Received date/time: 05/03/25 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2506834	1	05/05/25 22:29	05/05/25 22:29	JDW	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG2506171	1	05/03/25 17:08	05/04/25 09:46	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2506170	1	05/03/25 17:01	05/03/25 18:30	AMG	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2507268	5	05/05/25 18:02	05/06/25 12:52	CAT	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2506141	1	05/03/25 19:08	05/03/25 19:08	KRB	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2506081	5	05/03/25 19:11	05/03/25 19:11	AJC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2506081	50	05/03/25 19:24	05/03/25 19:24	AJC	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2506698	1	05/04/25 18:42	05/04/25 18:42	RTW	Mt. Juliet, TN
Wet Chemistry by Method 351.2	WG2506834	1	05/05/25 07:38	05/05/25 22:29	JDW	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2507345	1	05/05/25 07:38	05/05/25 15:07	AEC	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2506119	1	05/03/25 19:21	05/03/25 19:21	KAM	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2505657	1	05/03/25 16:46	05/03/25 18:49	JEG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2506705	1	05/04/25 18:47	05/04/25 18:47	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2506176	1	05/03/25 17:22	05/03/25 17:22	KRB	Mt. Juliet, TN
Mercury by Method 7470A	WG2506175	1	05/03/25 17:37	05/03/25 21:12	LAS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	1	05/03/25 16:56	05/04/25 11:42	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	5	05/03/25 16:56	05/04/25 12:57	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	5	05/03/25 16:56	05/04/25 16:56	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506140	1	05/03/25 17:02	05/04/25 14:13	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506140	5	05/03/25 17:02	05/04/25 17:03	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2506080	1	05/03/25 18:16	05/03/25 18:16	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2506146	1	05/03/25 22:37	05/03/25 22:37	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2506166	1	05/03/25 17:06	05/03/25 21:43	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2506165	1	05/03/25 16:58	05/04/25 05:27	NJK	Mt. Juliet, TN

GACO0502T004 L1854767-08

Collected by: Eric Powell | Collected date/time: 05/02/25 07:00 | Received date/time: 05/03/25 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2506146	1	05/03/25 20:43	05/03/25 20:43	JAH	Mt. Juliet, TN

GACO0502T005 L1854767-10

Collected by: Eric Powell | Collected date/time: 05/02/25 07:00 | Received date/time: 05/03/25 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2506146	1	05/03/25 21:02	05/03/25 21:02	JAH	Mt. Juliet, TN

GACO0502W004 L1854767-11

Collected by: Eric Powell | Collected date/time: 05/02/25 08:10 | Received date/time: 05/03/25 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2506834	1	05/05/25 22:31	05/05/25 22:31	JDW	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG2506171	1	05/03/25 17:08	05/04/25 09:46	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2506170	1	05/03/25 17:01	05/03/25 18:30	AMG	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2507268	5	05/05/25 18:02	05/06/25 12:54	CAT	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2506141	1	05/03/25 19:23	05/03/25 19:23	KRB	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2506081	20	05/04/25 20:26	05/04/25 20:26	AJC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2506081	5	05/03/25 20:27	05/03/25 20:27	AJC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2506081	5	05/04/25 20:42	05/04/25 20:42	AJC	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2506698	1	05/04/25 18:45	05/04/25 18:45	RTW	Mt. Juliet, TN
Wet Chemistry by Method 351.2	WG2506834	1	05/05/25 07:38	05/05/25 22:31	JDW	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2507345	1	05/05/25 07:38	05/05/25 15:10	AEC	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2506119	1	05/03/25 19:51	05/03/25 19:51	KAM	Mt. Juliet, TN

GACO0502W004 L1854767-11

Collected by: Eric Powell | Collected date/time: 05/02/25 08:10 | Received date/time: 05/03/25 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 5540 C-2011	WG2505657	1	05/03/25 16:46	05/03/25 18:58	JEG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2506705	1	05/04/25 19:16	05/04/25 19:16	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2506176	1	05/03/25 17:22	05/03/25 17:22	KRB	Mt. Juliet, TN
Mercury by Method 7470A	WG2506175	1	05/03/25 17:37	05/03/25 21:17	LAS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	1	05/03/25 16:56	05/04/25 11:59	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	5	05/03/25 16:56	05/04/25 13:00	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	5	05/03/25 16:56	05/04/25 17:09	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506140	1	05/03/25 17:02	05/04/25 14:48	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506140	5	05/03/25 17:02	05/04/25 17:06	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2506080	1	05/03/25 18:57	05/03/25 18:57	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2506146	1	05/03/25 23:15	05/03/25 23:15	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2506166	1	05/03/25 17:06	05/03/25 22:23	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2506165	1	05/03/25 16:58	05/04/25 06:11	NJK	Mt. Juliet, TN

GACO0502T006 L1854767-12

Collected by: Eric Powell | Collected date/time: 05/02/25 07:00 | Received date/time: 05/03/25 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2506146	1	05/03/25 21:21	05/03/25 21:21	JAH	Mt. Juliet, TN

GACO0502W004.5 L1854767-13

Collected by: Eric Powell | Collected date/time: 05/02/25 08:40 | Received date/time: 05/03/25 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2506834	1	05/05/25 22:31	05/05/25 22:31	JDW	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG2506171	1	05/03/25 17:08	05/04/25 09:46	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2506170	1	05/03/25 17:01	05/03/25 18:30	AMG	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2507268	5	05/05/25 18:02	05/06/25 12:55	CAT	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2506141	1	05/03/25 19:30	05/03/25 19:30	KRB	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2506081	5	05/03/25 20:52	05/03/25 20:52	AJC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2506081	50	05/03/25 21:04	05/03/25 21:04	AJC	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2506698	1	05/04/25 18:51	05/04/25 18:51	RTW	Mt. Juliet, TN
Wet Chemistry by Method 351.2	WG2506834	1	05/05/25 07:38	05/05/25 22:31	JDW	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2507345	1	05/05/25 07:38	05/05/25 15:11	AEC	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2506119	1	05/03/25 18:07	05/03/25 18:07	KAM	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2505657	1	05/03/25 16:46	05/03/25 18:58	JEG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2506705	1	05/04/25 19:26	05/04/25 19:26	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2506176	1	05/03/25 17:22	05/03/25 17:22	KRB	Mt. Juliet, TN
Mercury by Method 7470A	WG2506175	1	05/03/25 17:37	05/03/25 21:20	LAS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	1	05/03/25 16:56	05/04/25 12:02	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	5	05/03/25 16:56	05/04/25 13:03	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	5	05/03/25 16:56	05/04/25 17:12	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506140	1	05/03/25 17:02	05/04/25 14:51	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506140	5	05/03/25 17:02	05/04/25 17:09	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2506080	1	05/03/25 19:16	05/03/25 19:16	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2506164	1	05/03/25 19:29	05/03/25 19:29	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2506166	1	05/03/25 17:06	05/03/25 22:44	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2506165	1	05/03/25 16:58	05/04/25 06:33	NJK	Mt. Juliet, TN

GACO0502T007 L1854767-14

Collected by: Eric Powell | Collected date/time: 05/02/25 07:00 | Received date/time: 05/03/25 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2506164	1	05/03/25 17:43	05/03/25 17:43	JAH	Mt. Juliet, TN

GACO0502W005 L1854767-15

Collected by: Eric Powell | Collected date/time: 05/02/25 09:37 | Received date/time: 05/03/25 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2506834	1	05/05/25 22:33	05/05/25 22:33	JDW	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG2506171	1	05/03/25 17:08	05/04/25 09:46	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2506170	1	05/03/25 17:01	05/03/25 18:30	AMG	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2507268	5	05/05/25 18:04	05/06/25 12:57	CAT	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2506141	1	05/03/25 19:37	05/03/25 19:37	KRB	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2506081	5	05/03/25 21:17	05/03/25 21:17	AJC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2506081	50	05/03/25 21:29	05/03/25 21:29	AJC	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2506698	1	05/04/25 18:53	05/04/25 18:53	RTW	Mt. Juliet, TN
Wet Chemistry by Method 351.2	WG2506834	1	05/05/25 07:38	05/05/25 22:33	JDW	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2507345	1	05/05/25 07:38	05/05/25 15:12	AEC	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2506119	1	05/03/25 18:22	05/03/25 18:22	KAM	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2505657	1	05/03/25 16:46	05/03/25 18:58	JEG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2506705	1	05/04/25 19:55	05/04/25 19:55	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2506176	1	05/03/25 17:22	05/03/25 17:22	KRB	Mt. Juliet, TN
Mercury by Method 7470A	WG2506175	1	05/03/25 17:37	05/03/25 21:23	LAS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	1	05/03/25 16:56	05/04/25 12:06	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	10	05/03/25 16:56	05/04/25 13:06	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	5	05/03/25 16:56	05/04/25 17:16	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506140	1	05/03/25 17:02	05/04/25 14:54	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506140	10	05/03/25 17:02	05/04/25 17:13	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2506080	1	05/03/25 19:37	05/03/25 19:37	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2506164	1	05/03/25 19:50	05/03/25 19:50	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2506166	1	05/03/25 17:06	05/03/25 23:04	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2506165	1.02	05/03/25 16:58	05/04/25 06:55	NJK	Mt. Juliet, TN

GACO0502T008 L1854767-16

Collected by: Eric Powell | Collected date/time: 05/02/25 07:00 | Received date/time: 05/03/25 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2506164	1	05/03/25 18:04	05/03/25 18:04	JAH	Mt. Juliet, TN

GACO0502V005 L1854767-17

Collected by: Eric Powell | Collected date/time: 05/02/25 09:37 | Received date/time: 05/03/25 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2506834	1	05/05/25 22:33	05/05/25 22:33	JDW	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG2506171	1	05/03/25 17:08	05/04/25 09:46	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2506170	1	05/03/25 17:01	05/03/25 18:30	AMG	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2507268	5	05/05/25 18:02	05/06/25 13:01	CAT	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2506141	1	05/03/25 20:21	05/03/25 20:21	KRB	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2506081	5	05/03/25 21:42	05/03/25 21:42	AJC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2506081	50	05/03/25 21:55	05/03/25 21:55	AJC	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2506698	1	05/04/25 18:54	05/04/25 18:54	RTW	Mt. Juliet, TN
Wet Chemistry by Method 351.2	WG2506834	1	05/05/25 07:38	05/05/25 22:33	JDW	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2507345	1	05/05/25 07:38	05/05/25 15:14	AEC	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2506119	1	05/03/25 21:56	05/03/25 21:56	KAM	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2505657	1	05/03/25 16:46	05/03/25 19:07	JEG	Mt. Juliet, TN

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

GACO0502V005 L1854767-17

Collected by: Eric Powell | Collected date/time: 05/02/25 09:37 | Received date/time: 05/03/25 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 7199	WG2506705	1	05/04/25 20:05	05/04/25 20:05	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2506176	1	05/03/25 17:22	05/03/25 17:22	KRB	Mt. Juliet, TN
Mercury by Method 7470A	WG2506175	1	05/03/25 17:37	05/03/25 21:25	LAS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	1	05/03/25 16:56	05/04/25 12:09	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	10	05/03/25 16:56	05/04/25 13:17	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	5	05/03/25 16:56	05/04/25 17:19	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506140	1	05/03/25 17:02	05/04/25 14:58	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506140	10	05/03/25 17:02	05/04/25 17:16	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2506080	1	05/03/25 19:57	05/03/25 19:57	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2506164	1	05/03/25 20:11	05/03/25 20:11	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2506166	1.05	05/03/25 17:06	05/03/25 23:24	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2506165	1	05/03/25 16:58	05/04/25 07:17	NJK	Mt. Juliet, TN

GACO0502T009 L1854767-18

Collected by: Eric Powell | Collected date/time: 05/02/25 07:00 | Received date/time: 05/03/25 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2506164	1	05/03/25 18:26	05/03/25 18:26	JAH	Mt. Juliet, TN

GACO0502W006 L1854767-19

Collected by: Eric Powell | Collected date/time: 05/02/25 07:33 | Received date/time: 05/03/25 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2506835	1	05/05/25 21:19	05/05/25 21:19	JDW	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG2506171	1	05/03/25 17:08	05/04/25 09:46	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2506170	1	05/03/25 17:01	05/03/25 18:30	AMG	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2506067	5	05/05/25 13:19	05/06/25 13:40	CAT	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2506141	1	05/03/25 20:28	05/03/25 20:28	KRB	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2506081	5	05/03/25 22:07	05/03/25 22:07	AJC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2506081	50	05/03/25 22:20	05/03/25 22:20	AJC	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2506700	1	05/04/25 21:32	05/04/25 21:32	RTW	Mt. Juliet, TN
Wet Chemistry by Method 351.2	WG2506835	1	05/05/25 07:39	05/05/25 21:19	JDW	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2507541	1	05/05/25 07:39	05/05/25 18:24	AEC	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2506119	1	05/03/25 22:12	05/03/25 22:12	KAM	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2505657	1	05/03/25 16:46	05/03/25 19:08	JEG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2506708	1	05/04/25 23:41	05/04/25 23:41	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2506176	1	05/03/25 17:22	05/03/25 17:22	KRB	Mt. Juliet, TN
Mercury by Method 7470A	WG2506175	1	05/03/25 17:37	05/03/25 21:37	LAS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	1	05/03/25 16:56	05/04/25 12:12	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	5	05/03/25 16:56	05/04/25 17:22	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506140	1	05/03/25 17:02	05/04/25 15:01	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2506080	1	05/03/25 20:17	05/03/25 20:17	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2506164	1	05/03/25 20:32	05/03/25 20:32	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2506166	1	05/03/25 17:06	05/03/25 23:45	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2506165	1	05/03/25 16:58	05/04/25 07:39	NJK	Mt. Juliet, TN

GACO0502T010 L1854767-20

Collected by: Eric Powell | Collected date/time: 05/02/25 07:00 | Received date/time: 05/03/25 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2506164	1	05/03/25 18:47	05/03/25 18:47	JAH	Mt. Juliet, TN

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

GACO0502F001 L1854767-21

Collected by: Eric Powell | Collected date/time: 05/02/25 08:40 | Received date/time: 05/03/25 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2506835	1	05/05/25 21:20	05/05/25 21:20	JDW	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 C-2011	WG2506171	1	05/03/25 17:08	05/04/25 09:46	MMF	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2506170	1	05/03/25 17:01	05/03/25 18:30	AMG	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2506067	1	05/05/25 13:19	05/06/25 13:41	CAT	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2506141	1	05/03/25 20:34	05/03/25 20:34	KRB	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2506081	1	05/03/25 22:57	05/03/25 22:57	AJC	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2506700	1	05/04/25 21:33	05/04/25 21:33	RTW	Mt. Juliet, TN
Wet Chemistry by Method 351.2	WG2506835	1	05/05/25 07:39	05/05/25 21:20	JDW	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2507541	1	05/05/25 07:39	05/05/25 18:25	AEC	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2014	WG2506119	1	05/03/25 22:24	05/03/25 22:24	KAM	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2505657	1	05/03/25 16:46	05/03/25 19:08	JEG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2506708	1	05/05/25 00:10	05/05/25 00:10	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2506176	1	05/03/25 17:22	05/03/25 17:22	KRB	Mt. Juliet, TN
Mercury by Method 7470A	WG2506175	1	05/03/25 17:37	05/03/25 21:40	LAS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	1	05/03/25 16:56	05/04/25 12:15	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	1	05/03/25 16:56	05/04/25 17:25	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506140	1	05/03/25 17:02	05/04/25 15:04	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2506080	1	05/03/25 20:38	05/03/25 20:38	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2506164	1	05/03/25 20:53	05/03/25 20:53	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2506166	1	05/03/25 17:06	05/04/25 00:05	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2506165	1	05/03/25 16:58	05/04/25 03:59	NJK	Mt. Juliet, TN

GACO0502T011 L1854767-22

Collected by: Eric Powell | Collected date/time: 05/02/25 07:00 | Received date/time: 05/03/25 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2506164	1	05/03/25 19:08	05/03/25 19:08	JAH	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

Report Revision History

Level II Report - Version 1: 05/09/25 23:27
Level II Report - Version 2: 05/13/25 20:37

Project Comments

-23/-24 requested to be moved to another SDG

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
WG2506176	9040C	L1854767-01, 03, 05, 07, 11, 13, 15, 17, 19, 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
WG2507268	(MS) R4210459-3	Hardness (colorimetric) as CaCO3
WG2507268	(MSD) R4210459-4	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
WG2506081	(MS) R4209553-11	Sulfate
WG2506081	(MS) R4209553-8	Sulfate

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

Batch	Lab Sample ID	Analytes
WG2506081	(MS) R4209553-11, (MS) R4209553-8	Bromide and Chloride

Wet Chemistry by Method 300.0

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

Batch	Lab Sample ID	Analytes
WG2506081	(MS) R4209553-11, (MS) R4209553-8	Sulfate

Wet Chemistry by Method 351.2

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

Batch	Lab Sample ID	Analytes
WG2506834	(DUP) R4210125-6	Kjeldahl Nitrogen, TKN

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

Batch	Lab Sample ID	Analytes
WG2506834	(MS) R4210125-3, (MS) R4210125-8, (MSD) R4210125-4, (MSD) R4210125-9	Kjeldahl Nitrogen, TKN
WG2506835	(MS) R4210084-3, (MSD) R4210084-4	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
WG2507345	(DUP) R4209889-6	Phosphorus,Total

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

Batch	Lab Sample ID	Analytes
WG2507541	(MS) R4210038-3	Phosphorus,Total

Metals (ICPMS) by Method 6020B

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

Batch	Lab Sample ID	Analytes
WG2506136	(MS) R4209529-4, (MS) R4209481-4, (MSD) R4209529-5, (MSD) R4209481-5, L1854767-01	Boron, Calcium, Magnesium, Manganese and Sodium

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

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

Batch	Lab Sample ID	Analytes
WG2506164	L1854767-13	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, 2,2-Dichloropropane and Naphthalene
WG2506164	L1854767-14	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, 2,2-Dichloropropane and Naphthalene
WG2506164	L1854767-15	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, 2,2-Dichloropropane and Naphthalene
WG2506164	L1854767-16	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, 2,2-Dichloropropane and Naphthalene
WG2506164	L1854767-17	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, 2,2-Dichloropropane and Naphthalene
WG2506164	L1854767-18	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, 2,2-Dichloropropane and Naphthalene
WG2506164	L1854767-19	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, 2,2-Dichloropropane and Naphthalene
WG2506164	L1854767-20	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, 2,2-Dichloropropane and Naphthalene
WG2506164	L1854767-21	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, 2,2-Dichloropropane and Naphthalene
WG2506164	L1854767-22	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, 2,2-Dichloropropane and Naphthalene

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

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

Batch	Lab Sample ID	Analytes
WG2506146	(LCS) R4209447-1, (LCSD) R4209447-2, L1854767-01, 02, 03, 04, 05, 06, 07, 08, 10, 11, 12	Acetone
WG2506164	(LCSD) R4209450-2, L1854767-13, 14, 15, 16, 17, 18, 19, 20, 21, 22	Bromomethane

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

Batch	Lab Sample ID	Analytes
WG2506164	(LCS) R4209450-1, L1854767-13, 14, 15, 16, 17, 18, 19, 20, 21, 22	Naphthalene

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

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

Batch	Lab Sample ID	Analytes
WG2506165	L1854767-01	Benzidine and Hexachlorocyclopentadiene
WG2506165	L1854767-03	Benzidine and Hexachlorocyclopentadiene
WG2506165	L1854767-05	Benzidine and Hexachlorocyclopentadiene
WG2506165	L1854767-07	Benzidine and Hexachlorocyclopentadiene
WG2506165	L1854767-11	Benzidine and Hexachlorocyclopentadiene
WG2506165	L1854767-13	Benzidine and Hexachlorocyclopentadiene
WG2506165	L1854767-15	Benzidine and Hexachlorocyclopentadiene
WG2506165	L1854767-17	Benzidine and Hexachlorocyclopentadiene
WG2506165	L1854767-19	Benzidine and Hexachlorocyclopentadiene
WG2506165	L1854767-21	Benzidine and Hexachlorocyclopentadiene

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

Batch	Lab Sample ID	Analytes
WG2506165	(LCS) R4209528-1, (LCSD) R4209528-2, L1854767-01, 03, 05, 07, 11, 13, 15, 17, 19, 21	Benzidine

Calculated Results

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Total Nitrogen	5290		250	1	05/05/2025 22:25	WG2506834

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Dissolved Solids	2690000		50000	1	05/04/2025 09:46	WG2506171

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Suspended Solids	14000		3330	1	05/03/2025 18:30	WG2506170

Wet Chemistry by Method 130.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Hardness (colorimetric) as CaCO3	1410000		150000	5	05/06/2025 12:48	WG2507268

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	385000		20000	1	05/03/2025 18:47	WG2506141

Sample Narrative:

L1854767-01 WG2506141: 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	05/03/2025 17:56	WG2506081
Chloride	96500		5000	5	05/03/2025 17:56	WG2506081
Fluoride	1300		750	5	05/03/2025 17:56	WG2506081
Nitrate as (N)	3850		500	5	05/03/2025 17:56	WG2506081
Nitrite as (N)	ND		500	5	05/03/2025 17:56	WG2506081
Sulfate	1380000		250000	50	05/03/2025 18:08	WG2506081

Sample Narrative:

L1854767-01 WG2506081: 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	302		100	1	05/04/2025 18:35	WG2506698

Wet Chemistry by Method 351.2

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Kjeldahl Nitrogen, TKN	1440		250	1	05/05/2025 22:25	WG2506834

Wet Chemistry by Method 365.4

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Phosphorus,Total	120		100	1	05/05/2025 15:04	WG2507345

Wet Chemistry by Method 5310 B-2014

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	12200		1000	1	05/03/2025 18:36	WG2506119

Wet Chemistry by Method 5540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
MBAS	ND		100	1	05/03/2025 18:44	WG2505657

Wet Chemistry by Method 7199

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	05/04/2025 18:18	WG2506705

Wet Chemistry by Method 9040C

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.05	T8	1	05/03/2025 17:22	WG2506176

Sample Narrative:

L1854767-01 WG2506176: 8.05 at 18.5C

Mercury by Method 7470A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	05/03/2025 20:51	WG2506175

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Aluminum	163		100	1	05/04/2025 11:23	WG2506136
Aluminum,Dissolved	ND		100	1	05/04/2025 14:03	WG2506140
Antimony	ND		4.00	1	05/04/2025 11:23	WG2506136
Arsenic	ND		2.00	1	05/04/2025 11:23	WG2506136
Arsenic,Dissolved	ND		2.00	1	05/04/2025 14:03	WG2506140
Barium	31.2		2.00	1	05/04/2025 11:23	WG2506136
Beryllium	ND		2.00	1	05/04/2025 11:23	WG2506136
Boron	417	V	150	5	05/04/2025 16:37	WG2506136
Cadmium	ND		1.00	1	05/04/2025 11:23	WG2506136
Cadmium,Dissolved	ND		1.00	1	05/04/2025 14:03	WG2506140
Calcium	241000	V	1000	1	05/04/2025 11:23	WG2506136
Chromium	ND		2.00	1	05/04/2025 11:23	WG2506136
Chromium,Dissolved	ND		2.00	1	05/04/2025 14:03	WG2506140
Copper	ND		5.00	1	05/04/2025 11:23	WG2506136
Copper,Dissolved	ND		5.00	1	05/04/2025 14:03	WG2506140
Cobalt	ND		2.00	1	05/04/2025 11:23	WG2506136
Iron	178		100	1	05/04/2025 11:23	WG2506136
Lead	ND		2.00	1	05/04/2025 11:23	WG2506136
Lead,Dissolved	ND		2.00	1	05/04/2025 14:03	WG2506140
Magnesium	165000	V	1000	1	05/04/2025 11:23	WG2506136
Manganese	665		25.0	5	05/04/2025 12:44	WG2506136
Manganese,Dissolved	662		25.0	5	05/04/2025 16:53	WG2506140
Nickel	3.25		2.00	1	05/04/2025 11:23	WG2506136
Nickel,Dissolved	3.21		2.00	1	05/04/2025 14:03	WG2506140
Potassium	8870		2000	1	05/04/2025 11:23	WG2506136
Selenium	7.00		2.00	1	05/04/2025 11:23	WG2506136

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Selenium,Dissolved	7.58		2.00	1	05/04/2025 14:03	WG2506140
Silver	ND		2.00	1	05/04/2025 11:23	WG2506136
Silver,Dissolved	ND		2.00	1	05/04/2025 14:03	WG2506140
Sodium	275000	V	2000	1	05/04/2025 11:23	WG2506136
Thallium	ND		2.00	1	05/04/2025 11:23	WG2506136
Vanadium	ND		5.00	1	05/04/2025 11:23	WG2506136
Zinc	ND		25.0	1	05/04/2025 11:23	WG2506136
Zinc,Dissolved	ND		25.0	1	05/04/2025 14:03	WG2506140

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	05/03/2025 17:17	WG2506080
(S) a,a,a-Trifluorotoluene(FID)	*102*		*78.0-120*		*05/03/2025 17:17*	WG2506080

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	J4	50.0	1	05/03/2025 21:40	WG2506146
Acrolein	ND		50.0	1	05/03/2025 21:40	WG2506146
Acrylonitrile	ND		10.0	1	05/03/2025 21:40	WG2506146
Benzene	ND		1.00	1	05/03/2025 21:40	WG2506146
Bromobenzene	ND		1.00	1	05/03/2025 21:40	WG2506146
Bromodichloromethane	ND		1.00	1	05/03/2025 21:40	WG2506146
Bromoform	ND		1.00	1	05/03/2025 21:40	WG2506146
Bromomethane	ND		5.00	1	05/03/2025 21:40	WG2506146
n-Butylbenzene	ND		1.00	1	05/03/2025 21:40	WG2506146
sec-Butylbenzene	ND		1.00	1	05/03/2025 21:40	WG2506146
tert-Butylbenzene	ND		1.00	1	05/03/2025 21:40	WG2506146
Carbon tetrachloride	ND		1.00	1	05/03/2025 21:40	WG2506146
Chlorobenzene	ND		1.00	1	05/03/2025 21:40	WG2506146
Chlorodibromomethane	ND		1.00	1	05/03/2025 21:40	WG2506146
Chloroethane	ND		5.00	1	05/03/2025 21:40	WG2506146
Chloroform	ND		5.00	1	05/03/2025 21:40	WG2506146
Chloromethane	ND		2.50	1	05/03/2025 21:40	WG2506146
2-Chlorotoluene	ND		1.00	1	05/03/2025 21:40	WG2506146
4-Chlorotoluene	ND		1.00	1	05/03/2025 21:40	WG2506146
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/03/2025 21:40	WG2506146
1,2-Dibromoethane	ND		1.00	1	05/03/2025 21:40	WG2506146
Dibromomethane	ND		1.00	1	05/03/2025 21:40	WG2506146
1,2-Dichlorobenzene	ND		1.00	1	05/03/2025 21:40	WG2506146
1,3-Dichlorobenzene	ND		1.00	1	05/03/2025 21:40	WG2506146
1,4-Dichlorobenzene	ND		1.00	1	05/03/2025 21:40	WG2506146
Dichlorodifluoromethane	ND		5.00	1	05/03/2025 21:40	WG2506146
1,1-Dichloroethane	ND		1.00	1	05/03/2025 21:40	WG2506146
1,2-Dichloroethane	ND		1.00	1	05/03/2025 21:40	WG2506146
1,1-Dichloroethene	ND		1.00	1	05/03/2025 21:40	WG2506146
cis-1,2-Dichloroethene	ND		1.00	1	05/03/2025 21:40	WG2506146
trans-1,2-Dichloroethene	ND		1.00	1	05/03/2025 21:40	WG2506146
1,2-Dichloropropane	ND		1.00	1	05/03/2025 21:40	WG2506146
1,1-Dichloropropene	ND		1.00	1	05/03/2025 21:40	WG2506146
1,3-Dichloropropane	ND		1.00	1	05/03/2025 21:40	WG2506146
cis-1,3-Dichloropropene	ND		1.00	1	05/03/2025 21:40	WG2506146
trans-1,3-Dichloropropene	ND		1.00	1	05/03/2025 21:40	WG2506146
2,2-Dichloropropane	ND		1.00	1	05/03/2025 21:40	WG2506146

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	05/03/2025 21:40	WG2506146
Ethylbenzene	ND		1.00	1	05/03/2025 21:40	WG2506146
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2025 21:40	WG2506146
Isopropylbenzene	ND		1.00	1	05/03/2025 21:40	WG2506146
p-Isopropyltoluene	ND		1.00	1	05/03/2025 21:40	WG2506146
2-Butanone (MEK)	ND		10.0	1	05/03/2025 21:40	WG2506146
Methylene Chloride	ND		5.00	1	05/03/2025 21:40	WG2506146
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/03/2025 21:40	WG2506146
Methyl tert-butyl ether	ND		1.00	1	05/03/2025 21:40	WG2506146
Naphthalene	ND		5.00	1	05/03/2025 21:40	WG2506146
n-Propylbenzene	ND		1.00	1	05/03/2025 21:40	WG2506146
Styrene	ND		1.00	1	05/03/2025 21:40	WG2506146
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/03/2025 21:40	WG2506146
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/03/2025 21:40	WG2506146
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/03/2025 21:40	WG2506146
Tetrachloroethene	ND		1.00	1	05/03/2025 21:40	WG2506146
Toluene	ND		1.00	1	05/03/2025 21:40	WG2506146
1,2,3-Trichlorobenzene	ND		1.00	1	05/03/2025 21:40	WG2506146
1,2,4-Trichlorobenzene	ND		1.00	1	05/03/2025 21:40	WG2506146
1,1,1-Trichloroethane	ND		1.00	1	05/03/2025 21:40	WG2506146
1,1,2-Trichloroethane	ND		1.00	1	05/03/2025 21:40	WG2506146
Trichloroethene	ND		1.00	1	05/03/2025 21:40	WG2506146
Trichlorofluoromethane	ND		5.00	1	05/03/2025 21:40	WG2506146
1,2,3-Trichloropropane	ND		2.50	1	05/03/2025 21:40	WG2506146
1,2,4-Trimethylbenzene	ND		1.00	1	05/03/2025 21:40	WG2506146
1,2,3-Trimethylbenzene	ND		1.00	1	05/03/2025 21:40	WG2506146
1,3,5-Trimethylbenzene	ND		1.00	1	05/03/2025 21:40	WG2506146
Vinyl chloride	ND		1.00	1	05/03/2025 21:40	WG2506146
Xylenes, Total	ND		3.00	1	05/03/2025 21:40	WG2506146
(S) Toluene-d8	*101*		*80.0-120*		*05/03/2025 21:40*	WG2506146
(S) 4-Bromofluorobenzene	*98.4*		*77.0-126*		*05/03/2025 21:40*	WG2506146
(S) 1,2-Dichloroethane-d4	*110*		*70.0-130*		*05/03/2025 21:40*	WG2506146

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	05/03/2025 20:42	WG2506166
C28-C36 Motor Oil Range	136		100	1	05/03/2025 20:42	WG2506166
(S) o-Terphenyl	*135*		*52.0-156*		*05/03/2025 20:42*	WG2506166

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	05/04/2025 04:21	WG2506165
Acenaphthylene	ND		1.00	1	05/04/2025 04:21	WG2506165
Anthracene	ND		1.00	1	05/04/2025 04:21	WG2506165
Benzidine	ND	C7 J4	10.0	1	05/04/2025 04:21	WG2506165
Benzo(a)anthracene	ND		1.00	1	05/04/2025 04:21	WG2506165
Benzo(b)fluoranthene	ND		1.00	1	05/04/2025 04:21	WG2506165
Benzo(k)fluoranthene	ND		1.00	1	05/04/2025 04:21	WG2506165
Benzo(g,h,i)perylene	ND		1.00	1	05/04/2025 04:21	WG2506165
Benzo(a)pyrene	ND		1.00	1	05/04/2025 04:21	WG2506165
Bis(2-chlorethoxy)methane	ND		10.0	1	05/04/2025 04:21	WG2506165
Bis(2-chloroethyl)ether	ND		10.0	1	05/04/2025 04:21	WG2506165
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	05/04/2025 04:21	WG2506165

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	05/04/2025 04:21	WG2506165
2-Chloronaphthalene	ND		1.00	1	05/04/2025 04:21	WG2506165
4-Chlorophenyl-phenylether	ND		10.0	1	05/04/2025 04:21	WG2506165
Chrysene	ND		1.00	1	05/04/2025 04:21	WG2506165
Dibenz(a,h)anthracene	ND		1.00	1	05/04/2025 04:21	WG2506165
1,2-Dichlorobenzene	ND		10.0	1	05/04/2025 04:21	WG2506165
1,3-Dichlorobenzene	ND		10.0	1	05/04/2025 04:21	WG2506165
1,4-Dichlorobenzene	ND		10.0	1	05/04/2025 04:21	WG2506165
3,3-Dichlorobenzidine	ND		10.0	1	05/04/2025 04:21	WG2506165
2,4-Dinitrotoluene	ND		10.0	1	05/04/2025 04:21	WG2506165
2,6-Dinitrotoluene	ND		10.0	1	05/04/2025 04:21	WG2506165
Fluoranthene	ND		1.00	1	05/04/2025 04:21	WG2506165
Fluorene	ND		1.00	1	05/04/2025 04:21	WG2506165
Hexachlorobenzene	ND		1.00	1	05/04/2025 04:21	WG2506165
Hexachloro-1,3-butadiene	ND		10.0	1	05/04/2025 04:21	WG2506165
Hexachlorocyclopentadiene	ND	C7	10.0	1	05/04/2025 04:21	WG2506165
Hexachloroethane	ND		10.0	1	05/04/2025 04:21	WG2506165
Indeno(1,2,3-cd)pyrene	ND		1.00	1	05/04/2025 04:21	WG2506165
Isophorone	ND		10.0	1	05/04/2025 04:21	WG2506165
1-Methylnaphthalene	ND		1.00	1	05/04/2025 04:21	WG2506165
2-Methylnaphthalene	ND		1.00	1	05/04/2025 04:21	WG2506165
Naphthalene	ND		1.00	1	05/04/2025 04:21	WG2506165
Nitrobenzene	ND		10.0	1	05/04/2025 04:21	WG2506165
n-Nitrosodimethylamine	ND		10.0	1	05/04/2025 04:21	WG2506165
n-Nitrosodiphenylamine	ND		10.0	1	05/04/2025 04:21	WG2506165
n-Nitrosodi-n-propylamine	ND		10.0	1	05/04/2025 04:21	WG2506165
Phenanthrene	ND		1.00	1	05/04/2025 04:21	WG2506165
Benzylbutyl phthalate	ND		3.00	1	05/04/2025 04:21	WG2506165
Bis(2-ethylhexyl)phthalate	ND		3.00	1	05/04/2025 04:21	WG2506165
Di-n-butyl phthalate	ND		3.00	1	05/04/2025 04:21	WG2506165
Diethyl phthalate	ND		3.00	1	05/04/2025 04:21	WG2506165
Dimethyl phthalate	ND		3.00	1	05/04/2025 04:21	WG2506165
Di-n-octyl phthalate	ND		3.00	1	05/04/2025 04:21	WG2506165
Pyrene	ND		1.00	1	05/04/2025 04:21	WG2506165
1,2,4-Trichlorobenzene	ND		10.0	1	05/04/2025 04:21	WG2506165
4-Chloro-3-methylphenol	ND		10.0	1	05/04/2025 04:21	WG2506165
2-Chlorophenol	ND		10.0	1	05/04/2025 04:21	WG2506165
2,4-Dichlorophenol	ND		10.0	1	05/04/2025 04:21	WG2506165
2,4-Dimethylphenol	ND		10.0	1	05/04/2025 04:21	WG2506165
4,6-Dinitro-2-methylphenol	ND		10.0	1	05/04/2025 04:21	WG2506165
2,4-Dinitrophenol	ND		10.0	1	05/04/2025 04:21	WG2506165
2-Nitrophenol	ND		10.0	1	05/04/2025 04:21	WG2506165
4-Nitrophenol	ND		10.0	1	05/04/2025 04:21	WG2506165
Pentachlorophenol	ND		10.0	1	05/04/2025 04:21	WG2506165
Phenol	ND		10.0	1	05/04/2025 04:21	WG2506165
2,4,6-Trichlorophenol	ND		10.0	1	05/04/2025 04:21	WG2506165
(S) 2-Fluorophenol	*36.8*		*10.0-120*		*05/04/2025 04:21*	WG2506165
(S) Phenol-d5	*30.3*		*10.0-120*		*05/04/2025 04:21*	WG2506165
(S) Nitrobenzene-d5	*75.1*		*10.0-127*		*05/04/2025 04:21*	WG2506165
(S) 2-Fluorobiphenyl	*64.4*		*10.0-130*		*05/04/2025 04:21*	WG2506165
(S) 2,4,6-Tribromophenol	*73.5*		*10.0-155*		*05/04/2025 04:21*	WG2506165
(S) p-Terphenyl-d14	*62.7*		*10.0-128*		*05/04/2025 04:21*	WG2506165

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	J4	50.0	1	05/03/2025 19:45	WG2506146
Acrolein	ND		50.0	1	05/03/2025 19:45	WG2506146
Acrylonitrile	ND		10.0	1	05/03/2025 19:45	WG2506146
Benzene	ND		1.00	1	05/03/2025 19:45	WG2506146
Bromobenzene	ND		1.00	1	05/03/2025 19:45	WG2506146
Bromodichloromethane	ND		1.00	1	05/03/2025 19:45	WG2506146
Bromoform	ND		1.00	1	05/03/2025 19:45	WG2506146
Bromomethane	ND		5.00	1	05/03/2025 19:45	WG2506146
n-Butylbenzene	ND		1.00	1	05/03/2025 19:45	WG2506146
sec-Butylbenzene	ND		1.00	1	05/03/2025 19:45	WG2506146
tert-Butylbenzene	ND		1.00	1	05/03/2025 19:45	WG2506146
Carbon tetrachloride	ND		1.00	1	05/03/2025 19:45	WG2506146
Chlorobenzene	ND		1.00	1	05/03/2025 19:45	WG2506146
Chlorodibromomethane	ND		1.00	1	05/03/2025 19:45	WG2506146
Chloroethane	ND		5.00	1	05/03/2025 19:45	WG2506146
Chloroform	ND		5.00	1	05/03/2025 19:45	WG2506146
Chloromethane	ND		2.50	1	05/03/2025 19:45	WG2506146
2-Chlorotoluene	ND		1.00	1	05/03/2025 19:45	WG2506146
4-Chlorotoluene	ND		1.00	1	05/03/2025 19:45	WG2506146
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/03/2025 19:45	WG2506146
1,2-Dibromoethane	ND		1.00	1	05/03/2025 19:45	WG2506146
Dibromomethane	ND		1.00	1	05/03/2025 19:45	WG2506146
1,2-Dichlorobenzene	ND		1.00	1	05/03/2025 19:45	WG2506146
1,3-Dichlorobenzene	ND		1.00	1	05/03/2025 19:45	WG2506146
1,4-Dichlorobenzene	ND		1.00	1	05/03/2025 19:45	WG2506146
Dichlorodifluoromethane	ND		5.00	1	05/03/2025 19:45	WG2506146
1,1-Dichloroethane	ND		1.00	1	05/03/2025 19:45	WG2506146
1,2-Dichloroethane	ND		1.00	1	05/03/2025 19:45	WG2506146
1,1-Dichloroethene	ND		1.00	1	05/03/2025 19:45	WG2506146
cis-1,2-Dichloroethene	ND		1.00	1	05/03/2025 19:45	WG2506146
trans-1,2-Dichloroethene	ND		1.00	1	05/03/2025 19:45	WG2506146
1,2-Dichloropropane	ND		1.00	1	05/03/2025 19:45	WG2506146
1,1-Dichloropropene	ND		1.00	1	05/03/2025 19:45	WG2506146
1,3-Dichloropropane	ND		1.00	1	05/03/2025 19:45	WG2506146
cis-1,3-Dichloropropene	ND		1.00	1	05/03/2025 19:45	WG2506146
trans-1,3-Dichloropropene	ND		1.00	1	05/03/2025 19:45	WG2506146
2,2-Dichloropropane	ND		1.00	1	05/03/2025 19:45	WG2506146
Di-isopropyl ether	ND		1.00	1	05/03/2025 19:45	WG2506146
Ethylbenzene	ND		1.00	1	05/03/2025 19:45	WG2506146
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2025 19:45	WG2506146
Isopropylbenzene	ND		1.00	1	05/03/2025 19:45	WG2506146
p-Isopropyltoluene	ND		1.00	1	05/03/2025 19:45	WG2506146
2-Butanone (MEK)	ND		10.0	1	05/03/2025 19:45	WG2506146
Methylene Chloride	ND		5.00	1	05/03/2025 19:45	WG2506146
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/03/2025 19:45	WG2506146
Methyl tert-butyl ether	ND		1.00	1	05/03/2025 19:45	WG2506146
Naphthalene	ND		5.00	1	05/03/2025 19:45	WG2506146
n-Propylbenzene	ND		1.00	1	05/03/2025 19:45	WG2506146
Styrene	ND		1.00	1	05/03/2025 19:45	WG2506146
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/03/2025 19:45	WG2506146
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/03/2025 19:45	WG2506146
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/03/2025 19:45	WG2506146
Tetrachloroethene	ND		1.00	1	05/03/2025 19:45	WG2506146
Toluene	ND		1.00	1	05/03/2025 19:45	WG2506146
1,2,3-Trichlorobenzene	ND		1.00	1	05/03/2025 19:45	WG2506146
1,2,4-Trichlorobenzene	ND		1.00	1	05/03/2025 19:45	WG2506146

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	05/03/2025 19:45	WG2506146
1,1,2-Trichloroethane	ND		1.00	1	05/03/2025 19:45	WG2506146
Trichloroethene	ND		1.00	1	05/03/2025 19:45	WG2506146
Trichlorofluoromethane	ND		5.00	1	05/03/2025 19:45	WG2506146
1,2,3-Trichloropropane	ND		2.50	1	05/03/2025 19:45	WG2506146
1,2,4-Trimethylbenzene	ND		1.00	1	05/03/2025 19:45	WG2506146
1,2,3-Trimethylbenzene	ND		1.00	1	05/03/2025 19:45	WG2506146
1,3,5-Trimethylbenzene	ND		1.00	1	05/03/2025 19:45	WG2506146
Vinyl chloride	ND		1.00	1	05/03/2025 19:45	WG2506146
Xylenes, Total	ND		3.00	1	05/03/2025 19:45	WG2506146
(S) Toluene-d8	*102*		*80.0-120*		*05/03/2025 19:45*	WG2506146
(S) 4-Bromofluorobenzene	*97.2*		*77.0-126*		*05/03/2025 19:45*	WG2506146
(S) 1,2-Dichloroethane-d4	*109*		*70.0-130*		*05/03/2025 19:45*	WG2506146

Calculated Results

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Total Nitrogen	5380		250	1	05/05/2025 22:26	WG2506834

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Dissolved Solids	2720000		50000	1	05/04/2025 09:46	WG2506171

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Suspended Solids	8000		5000	1	05/03/2025 18:30	WG2506170

Wet Chemistry by Method 130.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Hardness (colorimetric) as CaCO3	1400000		150000	5	05/06/2025 12:49	WG2507268

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	376000		20000	1	05/03/2025 18:54	WG2506141

Sample Narrative:

L1854767-03 WG2506141: 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	05/03/2025 18:21	WG2506081
Chloride	93700		5000	5	05/03/2025 18:21	WG2506081
Fluoride	1250		750	5	05/03/2025 18:21	WG2506081
Nitrate as (N)	3670		500	5	05/03/2025 18:21	WG2506081
Nitrite as (N)	ND		500	5	05/03/2025 18:21	WG2506081
Sulfate	1350000		250000	50	05/03/2025 18:34	WG2506081

Sample Narrative:

L1854767-03 WG2506081: 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	310		100	1	05/04/2025 18:39	WG2506698

Wet Chemistry by Method 351.2

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Kjeldahl Nitrogen, TKN	1710		250	1	05/05/2025 22:26	WG2506834

Wet Chemistry by Method 365.4

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Phosphorus,Total	145		100	1	05/05/2025 15:05	WG2507345

Wet Chemistry by Method 5310 B-2014

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	12000		1000	1	05/03/2025 18:51	WG2506119

Wet Chemistry by Method 5540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
MBAS	ND		100	1	05/03/2025 18:44	WG2505657

Wet Chemistry by Method 7199

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	05/04/2025 18:27	WG2506705

Wet Chemistry by Method 9040C

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.05	T8	1	05/03/2025 17:22	WG2506176

Sample Narrative:

L1854767-03 WG2506176: 8.05 at 18.3C

Mercury by Method 7470A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	05/03/2025 21:07	WG2506175

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Aluminum	201		100	1	05/04/2025 11:35	WG2506136
Aluminum,Dissolved	ND		100	1	05/04/2025 14:06	WG2506140
Antimony	ND		4.00	1	05/04/2025 11:35	WG2506136
Arsenic	ND		2.00	1	05/04/2025 11:35	WG2506136
Arsenic,Dissolved	ND		2.00	1	05/04/2025 14:06	WG2506140
Barium	31.2		2.00	1	05/04/2025 11:35	WG2506136
Beryllium	ND		2.00	1	05/04/2025 11:35	WG2506136
Boron	457		150	5	05/04/2025 16:49	WG2506136
Cadmium	ND		1.00	1	05/04/2025 11:35	WG2506136
Cadmium,Dissolved	ND		1.00	1	05/04/2025 14:06	WG2506140
Calcium	237000		1000	1	05/04/2025 11:35	WG2506136
Chromium	ND		2.00	1	05/04/2025 11:35	WG2506136
Chromium,Dissolved	ND		2.00	1	05/04/2025 14:06	WG2506140
Copper	ND		5.00	1	05/04/2025 11:35	WG2506136
Copper,Dissolved	ND		5.00	1	05/04/2025 14:06	WG2506140
Cobalt	ND		2.00	1	05/04/2025 11:35	WG2506136
Iron	180		100	1	05/04/2025 11:35	WG2506136
Lead	ND		2.00	1	05/04/2025 11:35	WG2506136
Lead,Dissolved	ND		2.00	1	05/04/2025 14:06	WG2506140
Magnesium	165000		1000	1	05/04/2025 11:35	WG2506136
Manganese	670		25.0	5	05/04/2025 12:47	WG2506136
Manganese,Dissolved	672		25.0	5	05/04/2025 16:57	WG2506140
Nickel	3.04		2.00	1	05/04/2025 11:35	WG2506136
Nickel,Dissolved	3.14		2.00	1	05/04/2025 14:06	WG2506140
Potassium	8790		2000	1	05/04/2025 11:35	WG2506136
Selenium	7.09		2.00	1	05/04/2025 11:35	WG2506136

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Selenium,Dissolved	7.58		2.00	1	05/04/2025 14:06	WG2506140
Silver	ND		2.00	1	05/04/2025 11:35	WG2506136
Silver,Dissolved	ND		2.00	1	05/04/2025 14:06	WG2506140
Sodium	276000		2000	1	05/04/2025 11:35	WG2506136
Thallium	ND		2.00	1	05/04/2025 11:35	WG2506136
Vanadium	ND		5.00	1	05/04/2025 11:35	WG2506136
Zinc	ND		25.0	1	05/04/2025 11:35	WG2506136
Zinc,Dissolved	ND		25.0	1	05/04/2025 14:06	WG2506140

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	05/03/2025 17:37	WG2506080
(S) a,a,a-Trifluorotoluene(FID)	*102*		*78.0-120*		*05/03/2025 17:37*	WG2506080

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	J4	50.0	1	05/03/2025 21:59	WG2506146
Acrolein	ND		50.0	1	05/03/2025 21:59	WG2506146
Acrylonitrile	ND		10.0	1	05/03/2025 21:59	WG2506146
Benzene	ND		1.00	1	05/03/2025 21:59	WG2506146
Bromobenzene	ND		1.00	1	05/03/2025 21:59	WG2506146
Bromodichloromethane	ND		1.00	1	05/03/2025 21:59	WG2506146
Bromoform	ND		1.00	1	05/03/2025 21:59	WG2506146
Bromomethane	ND		5.00	1	05/03/2025 21:59	WG2506146
n-Butylbenzene	ND		1.00	1	05/03/2025 21:59	WG2506146
sec-Butylbenzene	ND		1.00	1	05/03/2025 21:59	WG2506146
tert-Butylbenzene	ND		1.00	1	05/03/2025 21:59	WG2506146
Carbon tetrachloride	ND		1.00	1	05/03/2025 21:59	WG2506146
Chlorobenzene	ND		1.00	1	05/03/2025 21:59	WG2506146
Chlorodibromomethane	ND		1.00	1	05/03/2025 21:59	WG2506146
Chloroethane	ND		5.00	1	05/03/2025 21:59	WG2506146
Chloroform	ND		5.00	1	05/03/2025 21:59	WG2506146
Chloromethane	ND		2.50	1	05/03/2025 21:59	WG2506146
2-Chlorotoluene	ND		1.00	1	05/03/2025 21:59	WG2506146
4-Chlorotoluene	ND		1.00	1	05/03/2025 21:59	WG2506146
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/03/2025 21:59	WG2506146
1,2-Dibromoethane	ND		1.00	1	05/03/2025 21:59	WG2506146
Dibromomethane	ND		1.00	1	05/03/2025 21:59	WG2506146
1,2-Dichlorobenzene	ND		1.00	1	05/03/2025 21:59	WG2506146
1,3-Dichlorobenzene	ND		1.00	1	05/03/2025 21:59	WG2506146
1,4-Dichlorobenzene	ND		1.00	1	05/03/2025 21:59	WG2506146
Dichlorodifluoromethane	ND		5.00	1	05/03/2025 21:59	WG2506146
1,1-Dichloroethane	ND		1.00	1	05/03/2025 21:59	WG2506146
1,2-Dichloroethane	ND		1.00	1	05/03/2025 21:59	WG2506146
1,1-Dichloroethene	ND		1.00	1	05/03/2025 21:59	WG2506146
cis-1,2-Dichloroethene	ND		1.00	1	05/03/2025 21:59	WG2506146
trans-1,2-Dichloroethene	ND		1.00	1	05/03/2025 21:59	WG2506146
1,2-Dichloropropane	ND		1.00	1	05/03/2025 21:59	WG2506146
1,1-Dichloropropene	ND		1.00	1	05/03/2025 21:59	WG2506146
1,3-Dichloropropane	ND		1.00	1	05/03/2025 21:59	WG2506146
cis-1,3-Dichloropropene	ND		1.00	1	05/03/2025 21:59	WG2506146
trans-1,3-Dichloropropene	ND		1.00	1	05/03/2025 21:59	WG2506146
2,2-Dichloropropane	ND		1.00	1	05/03/2025 21:59	WG2506146

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	05/03/2025 21:59	WG2506146
Ethylbenzene	ND		1.00	1	05/03/2025 21:59	WG2506146
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2025 21:59	WG2506146
Isopropylbenzene	ND		1.00	1	05/03/2025 21:59	WG2506146
p-Isopropyltoluene	ND		1.00	1	05/03/2025 21:59	WG2506146
2-Butanone (MEK)	ND		10.0	1	05/03/2025 21:59	WG2506146
Methylene Chloride	ND		5.00	1	05/03/2025 21:59	WG2506146
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/03/2025 21:59	WG2506146
Methyl tert-butyl ether	ND		1.00	1	05/03/2025 21:59	WG2506146
Naphthalene	ND		5.00	1	05/03/2025 21:59	WG2506146
n-Propylbenzene	ND		1.00	1	05/03/2025 21:59	WG2506146
Styrene	ND		1.00	1	05/03/2025 21:59	WG2506146
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/03/2025 21:59	WG2506146
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/03/2025 21:59	WG2506146
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/03/2025 21:59	WG2506146
Tetrachloroethene	ND		1.00	1	05/03/2025 21:59	WG2506146
Toluene	ND		1.00	1	05/03/2025 21:59	WG2506146
1,2,3-Trichlorobenzene	ND		1.00	1	05/03/2025 21:59	WG2506146
1,2,4-Trichlorobenzene	ND		1.00	1	05/03/2025 21:59	WG2506146
1,1,1-Trichloroethane	ND		1.00	1	05/03/2025 21:59	WG2506146
1,1,2-Trichloroethane	ND		1.00	1	05/03/2025 21:59	WG2506146
Trichloroethene	ND		1.00	1	05/03/2025 21:59	WG2506146
Trichlorofluoromethane	ND		5.00	1	05/03/2025 21:59	WG2506146
1,2,3-Trichloropropane	ND		2.50	1	05/03/2025 21:59	WG2506146
1,2,4-Trimethylbenzene	ND		1.00	1	05/03/2025 21:59	WG2506146
1,2,3-Trimethylbenzene	ND		1.00	1	05/03/2025 21:59	WG2506146
1,3,5-Trimethylbenzene	ND		1.00	1	05/03/2025 21:59	WG2506146
Vinyl chloride	ND		1.00	1	05/03/2025 21:59	WG2506146
Xylenes, Total	ND		3.00	1	05/03/2025 21:59	WG2506146
(S) Toluene-d8	*101*		*80.0-120*		*05/03/2025 21:59*	WG2506146
(S) 4-Bromofluorobenzene	*96.8*		*77.0-126*		*05/03/2025 21:59*	WG2506146
(S) 1,2-Dichloroethane-d4	*112*		*70.0-130*		*05/03/2025 21:59*	WG2506146

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	05/03/2025 21:02	WG2506166
C28-C36 Motor Oil Range	141		100	1	05/03/2025 21:02	WG2506166
(S) o-Terphenyl	*137*		*52.0-156*		*05/03/2025 21:02*	WG2506166

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	05/04/2025 04:43	WG2506165
Acenaphthylene	ND		1.00	1	05/04/2025 04:43	WG2506165
Anthracene	ND		1.00	1	05/04/2025 04:43	WG2506165
Benzidine	ND	C7 J4	10.0	1	05/04/2025 04:43	WG2506165
Benzo(a)anthracene	ND		1.00	1	05/04/2025 04:43	WG2506165
Benzo(b)fluoranthene	ND		1.00	1	05/04/2025 04:43	WG2506165
Benzo(k)fluoranthene	ND		1.00	1	05/04/2025 04:43	WG2506165
Benzo(g,h,i)perylene	ND		1.00	1	05/04/2025 04:43	WG2506165
Benzo(a)pyrene	ND		1.00	1	05/04/2025 04:43	WG2506165
Bis(2-chlorethoxy)methane	ND		10.0	1	05/04/2025 04:43	WG2506165
Bis(2-chloroethyl)ether	ND		10.0	1	05/04/2025 04:43	WG2506165
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	05/04/2025 04:43	WG2506165

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	05/04/2025 04:43	WG2506165
2-Chloronaphthalene	ND		1.00	1	05/04/2025 04:43	WG2506165
4-Chlorophenyl-phenylether	ND		10.0	1	05/04/2025 04:43	WG2506165
Chrysene	ND		1.00	1	05/04/2025 04:43	WG2506165
Dibenz(a,h)anthracene	ND		1.00	1	05/04/2025 04:43	WG2506165
1,2-Dichlorobenzene	ND		10.0	1	05/04/2025 04:43	WG2506165
1,3-Dichlorobenzene	ND		10.0	1	05/04/2025 04:43	WG2506165
1,4-Dichlorobenzene	ND		10.0	1	05/04/2025 04:43	WG2506165
3,3-Dichlorobenzidine	ND		10.0	1	05/04/2025 04:43	WG2506165
2,4-Dinitrotoluene	ND		10.0	1	05/04/2025 04:43	WG2506165
2,6-Dinitrotoluene	ND		10.0	1	05/04/2025 04:43	WG2506165
Fluoranthene	ND		1.00	1	05/04/2025 04:43	WG2506165
Fluorene	ND		1.00	1	05/04/2025 04:43	WG2506165
Hexachlorobenzene	ND		1.00	1	05/04/2025 04:43	WG2506165
Hexachloro-1,3-butadiene	ND		10.0	1	05/04/2025 04:43	WG2506165
Hexachlorocyclopentadiene	ND	C7	10.0	1	05/04/2025 04:43	WG2506165
Hexachloroethane	ND		10.0	1	05/04/2025 04:43	WG2506165
Indeno(1,2,3-cd)pyrene	ND		1.00	1	05/04/2025 04:43	WG2506165
Isophorone	ND		10.0	1	05/04/2025 04:43	WG2506165
1-Methylnaphthalene	ND		1.00	1	05/04/2025 04:43	WG2506165
2-Methylnaphthalene	ND		1.00	1	05/04/2025 04:43	WG2506165
Naphthalene	ND		1.00	1	05/04/2025 04:43	WG2506165
Nitrobenzene	ND		10.0	1	05/04/2025 04:43	WG2506165
n-Nitrosodimethylamine	ND		10.0	1	05/04/2025 04:43	WG2506165
n-Nitrosodiphenylamine	ND		10.0	1	05/04/2025 04:43	WG2506165
n-Nitrosodi-n-propylamine	ND		10.0	1	05/04/2025 04:43	WG2506165
Phenanthrene	ND		1.00	1	05/04/2025 04:43	WG2506165
Benzylbutyl phthalate	ND		3.00	1	05/04/2025 04:43	WG2506165
Bis(2-ethylhexyl)phthalate	ND		3.00	1	05/04/2025 04:43	WG2506165
Di-n-butyl phthalate	ND		3.00	1	05/04/2025 04:43	WG2506165
Diethyl phthalate	ND		3.00	1	05/04/2025 04:43	WG2506165
Dimethyl phthalate	ND		3.00	1	05/04/2025 04:43	WG2506165
Di-n-octyl phthalate	ND		3.00	1	05/04/2025 04:43	WG2506165
Pyrene	ND		1.00	1	05/04/2025 04:43	WG2506165
1,2,4-Trichlorobenzene	ND		10.0	1	05/04/2025 04:43	WG2506165
4-Chloro-3-methylphenol	ND		10.0	1	05/04/2025 04:43	WG2506165
2-Chlorophenol	ND		10.0	1	05/04/2025 04:43	WG2506165
2,4-Dichlorophenol	ND		10.0	1	05/04/2025 04:43	WG2506165
2,4-Dimethylphenol	ND		10.0	1	05/04/2025 04:43	WG2506165
4,6-Dinitro-2-methylphenol	ND		10.0	1	05/04/2025 04:43	WG2506165
2,4-Dinitrophenol	ND		10.0	1	05/04/2025 04:43	WG2506165
2-Nitrophenol	ND		10.0	1	05/04/2025 04:43	WG2506165
4-Nitrophenol	ND		10.0	1	05/04/2025 04:43	WG2506165
Pentachlorophenol	ND		10.0	1	05/04/2025 04:43	WG2506165
Phenol	ND		10.0	1	05/04/2025 04:43	WG2506165
2,4,6-Trichlorophenol	ND		10.0	1	05/04/2025 04:43	WG2506165
(S) 2-Fluorophenol	*36.2*		*10.0-120*		*05/04/2025 04:43*	WG2506165
(S) Phenol-d5	*26.6*		*10.0-120*		*05/04/2025 04:43*	WG2506165
(S) Nitrobenzene-d5	*70.2*		*10.0-127*		*05/04/2025 04:43*	WG2506165
(S) 2-Fluorobiphenyl	*59.1*		*10.0-130*		*05/04/2025 04:43*	WG2506165
(S) 2,4,6-Tribromophenol	*64.3*		*10.0-155*		*05/04/2025 04:43*	WG2506165
(S) p-Terphenyl-d14	*57.2*		*10.0-128*		*05/04/2025 04:43*	WG2506165

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	J4	50.0	1	05/03/2025 20:04	WG2506146
Acrolein	ND		50.0	1	05/03/2025 20:04	WG2506146
Acrylonitrile	ND		10.0	1	05/03/2025 20:04	WG2506146
Benzene	ND		1.00	1	05/03/2025 20:04	WG2506146
Bromobenzene	ND		1.00	1	05/03/2025 20:04	WG2506146
Bromodichloromethane	ND		1.00	1	05/03/2025 20:04	WG2506146
Bromoform	ND		1.00	1	05/03/2025 20:04	WG2506146
Bromomethane	ND		5.00	1	05/03/2025 20:04	WG2506146
n-Butylbenzene	ND		1.00	1	05/03/2025 20:04	WG2506146
sec-Butylbenzene	ND		1.00	1	05/03/2025 20:04	WG2506146
tert-Butylbenzene	ND		1.00	1	05/03/2025 20:04	WG2506146
Carbon tetrachloride	ND		1.00	1	05/03/2025 20:04	WG2506146
Chlorobenzene	ND		1.00	1	05/03/2025 20:04	WG2506146
Chlorodibromomethane	ND		1.00	1	05/03/2025 20:04	WG2506146
Chloroethane	ND		5.00	1	05/03/2025 20:04	WG2506146
Chloroform	ND		5.00	1	05/03/2025 20:04	WG2506146
Chloromethane	ND		2.50	1	05/03/2025 20:04	WG2506146
2-Chlorotoluene	ND		1.00	1	05/03/2025 20:04	WG2506146
4-Chlorotoluene	ND		1.00	1	05/03/2025 20:04	WG2506146
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/03/2025 20:04	WG2506146
1,2-Dibromoethane	ND		1.00	1	05/03/2025 20:04	WG2506146
Dibromomethane	ND		1.00	1	05/03/2025 20:04	WG2506146
1,2-Dichlorobenzene	ND		1.00	1	05/03/2025 20:04	WG2506146
1,3-Dichlorobenzene	ND		1.00	1	05/03/2025 20:04	WG2506146
1,4-Dichlorobenzene	ND		1.00	1	05/03/2025 20:04	WG2506146
Dichlorodifluoromethane	ND		5.00	1	05/03/2025 20:04	WG2506146
1,1-Dichloroethane	ND		1.00	1	05/03/2025 20:04	WG2506146
1,2-Dichloroethane	ND		1.00	1	05/03/2025 20:04	WG2506146
1,1-Dichloroethene	ND		1.00	1	05/03/2025 20:04	WG2506146
cis-1,2-Dichloroethene	ND		1.00	1	05/03/2025 20:04	WG2506146
trans-1,2-Dichloroethene	ND		1.00	1	05/03/2025 20:04	WG2506146
1,2-Dichloropropane	ND		1.00	1	05/03/2025 20:04	WG2506146
1,1-Dichloropropene	ND		1.00	1	05/03/2025 20:04	WG2506146
1,3-Dichloropropane	ND		1.00	1	05/03/2025 20:04	WG2506146
cis-1,3-Dichloropropene	ND		1.00	1	05/03/2025 20:04	WG2506146
trans-1,3-Dichloropropene	ND		1.00	1	05/03/2025 20:04	WG2506146
2,2-Dichloropropane	ND		1.00	1	05/03/2025 20:04	WG2506146
Di-isopropyl ether	ND		1.00	1	05/03/2025 20:04	WG2506146
Ethylbenzene	ND		1.00	1	05/03/2025 20:04	WG2506146
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2025 20:04	WG2506146
Isopropylbenzene	ND		1.00	1	05/03/2025 20:04	WG2506146
p-Isopropyltoluene	ND		1.00	1	05/03/2025 20:04	WG2506146
2-Butanone (MEK)	ND		10.0	1	05/03/2025 20:04	WG2506146
Methylene Chloride	ND		5.00	1	05/03/2025 20:04	WG2506146
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/03/2025 20:04	WG2506146
Methyl tert-butyl ether	ND		1.00	1	05/03/2025 20:04	WG2506146
Naphthalene	ND		5.00	1	05/03/2025 20:04	WG2506146
n-Propylbenzene	ND		1.00	1	05/03/2025 20:04	WG2506146
Styrene	ND		1.00	1	05/03/2025 20:04	WG2506146
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/03/2025 20:04	WG2506146
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/03/2025 20:04	WG2506146
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/03/2025 20:04	WG2506146
Tetrachloroethene	ND		1.00	1	05/03/2025 20:04	WG2506146
Toluene	ND		1.00	1	05/03/2025 20:04	WG2506146
1,2,3-Trichlorobenzene	ND		1.00	1	05/03/2025 20:04	WG2506146
1,2,4-Trichlorobenzene	ND		1.00	1	05/03/2025 20:04	WG2506146

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	05/03/2025 20:04	WG2506146
1,1,2-Trichloroethane	ND		1.00	1	05/03/2025 20:04	WG2506146
Trichloroethene	ND		1.00	1	05/03/2025 20:04	WG2506146
Trichlorofluoromethane	ND		5.00	1	05/03/2025 20:04	WG2506146
1,2,3-Trichloropropane	ND		2.50	1	05/03/2025 20:04	WG2506146
1,2,4-Trimethylbenzene	ND		1.00	1	05/03/2025 20:04	WG2506146
1,2,3-Trimethylbenzene	ND		1.00	1	05/03/2025 20:04	WG2506146
1,3,5-Trimethylbenzene	ND		1.00	1	05/03/2025 20:04	WG2506146
Vinyl chloride	ND		1.00	1	05/03/2025 20:04	WG2506146
Xylenes, Total	ND		3.00	1	05/03/2025 20:04	WG2506146
(S) Toluene-d8	*103*		*80.0-120*		*05/03/2025 20:04*	WG2506146
(S) 4-Bromofluorobenzene	*95.6*		*77.0-126*		*05/03/2025 20:04*	WG2506146
(S) 1,2-Dichloroethane-d4	*105*		*70.0-130*		*05/03/2025 20:04*	WG2506146

Calculated Results

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Total Nitrogen	6620		250	1	05/05/2025 22:28	WG2506834

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Dissolved Solids	2810000		50000	1	05/04/2025 09:46	WG2506171

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Suspended Solids	3200		2500	1	05/03/2025 18:30	WG2506170

Wet Chemistry by Method 130.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Hardness (colorimetric) as CaCO3	1380000		150000	5	05/06/2025 12:50	WG2507268

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	365000		20000	1	05/03/2025 19:01	WG2506141

Sample Narrative:

L1854767-05 WG2506141: 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	05/03/2025 18:46	WG2506081
Chloride	101000		5000	5	05/03/2025 18:46	WG2506081
Fluoride	1310		750	5	05/03/2025 18:46	WG2506081
Nitrate as (N)	5230		500	5	05/03/2025 18:46	WG2506081
Nitrite as (N)	ND		500	5	05/03/2025 18:46	WG2506081
Sulfate	1460000		250000	50	05/03/2025 18:59	WG2506081

Sample Narrative:

L1854767-05 WG2506081: 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	190		100	1	05/04/2025 18:41	WG2506698

Wet Chemistry by Method 351.2

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Kjeldahl Nitrogen, TKN	1390		250	1	05/05/2025 22:28	WG2506834

Wet Chemistry by Method 365.4

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Phosphorus,Total	111		100	1	05/05/2025 15:06	WG2507345

Wet Chemistry by Method 5310 B-2014

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	11200		1000	1	05/03/2025 19:07	WG2506119

Wet Chemistry by Method 5540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
MBAS	ND		100	1	05/03/2025 18:48	WG2505657

Wet Chemistry by Method 7199

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	05/04/2025 18:37	WG2506705

Wet Chemistry by Method 9040C

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.08	T8	1	05/03/2025 17:22	WG2506176

Sample Narrative:

L1854767-05 WG2506176: 8.08 at 19.4C

Mercury by Method 7470A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	05/03/2025 21:09	WG2506175

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Aluminum	ND		100	1	05/04/2025 11:38	WG2506136
Aluminum,Dissolved	ND		100	1	05/04/2025 14:10	WG2506140
Antimony	ND		4.00	1	05/04/2025 11:38	WG2506136
Arsenic	ND		2.00	1	05/04/2025 11:38	WG2506136
Arsenic,Dissolved	ND		2.00	1	05/04/2025 14:10	WG2506140
Barium	24.6		2.00	1	05/04/2025 11:38	WG2506136
Beryllium	ND		2.00	1	05/04/2025 11:38	WG2506136
Boron	473		150	5	05/04/2025 16:53	WG2506136
Cadmium	ND		1.00	1	05/04/2025 11:38	WG2506136
Cadmium,Dissolved	ND		1.00	1	05/04/2025 14:10	WG2506140
Calcium	253000		1000	1	05/04/2025 11:38	WG2506136
Chromium	ND		2.00	1	05/04/2025 11:38	WG2506136
Chromium,Dissolved	ND		2.00	1	05/04/2025 14:10	WG2506140
Copper	ND		5.00	1	05/04/2025 11:38	WG2506136
Copper,Dissolved	ND		5.00	1	05/04/2025 14:10	WG2506140
Cobalt	ND		2.00	1	05/04/2025 11:38	WG2506136
Iron	105		100	1	05/04/2025 11:38	WG2506136
Lead	ND		2.00	1	05/04/2025 11:38	WG2506136
Lead,Dissolved	ND		2.00	1	05/04/2025 14:10	WG2506140
Magnesium	179000		1000	1	05/04/2025 11:38	WG2506136
Manganese	541		25.0	5	05/04/2025 12:54	WG2506136
Manganese,Dissolved	735		25.0	5	05/04/2025 17:00	WG2506140
Nickel	2.96		2.00	1	05/04/2025 11:38	WG2506136
Nickel,Dissolved	3.41		2.00	1	05/04/2025 14:10	WG2506140
Potassium	9720		2000	1	05/04/2025 11:38	WG2506136
Selenium	9.76		2.00	1	05/04/2025 11:38	WG2506136

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Selenium,Dissolved	6.37		2.00	1	05/04/2025 14:10	WG2506140
Silver	ND		2.00	1	05/04/2025 11:38	WG2506136
Silver,Dissolved	ND		2.00	1	05/04/2025 14:10	WG2506140
Sodium	338000		2000	1	05/04/2025 11:38	WG2506136
Thallium	ND		2.00	1	05/04/2025 11:38	WG2506136
Vanadium	ND		5.00	1	05/04/2025 11:38	WG2506136
Zinc	ND		25.0	1	05/04/2025 11:38	WG2506136
Zinc,Dissolved	ND		25.0	1	05/04/2025 14:10	WG2506140

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
TPH (GC/FID) Low Fraction	ND		100	1	05/03/2025 17:56	WG2506080
(S) a,a,a-Trifluorotoluene(FID)	*102*		*78.0-120*		*05/03/2025 17:56*	WG2506080

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND	J4	50.0	1	05/03/2025 22:18	WG2506146
Acrolein	ND		50.0	1	05/03/2025 22:18	WG2506146
Acrylonitrile	ND		10.0	1	05/03/2025 22:18	WG2506146
Benzene	ND		1.00	1	05/03/2025 22:18	WG2506146
Bromobenzene	ND		1.00	1	05/03/2025 22:18	WG2506146
Bromodichloromethane	ND		1.00	1	05/03/2025 22:18	WG2506146
Bromoform	ND		1.00	1	05/03/2025 22:18	WG2506146
Bromomethane	ND		5.00	1	05/03/2025 22:18	WG2506146
n-Butylbenzene	ND		1.00	1	05/03/2025 22:18	WG2506146
sec-Butylbenzene	ND		1.00	1	05/03/2025 22:18	WG2506146
tert-Butylbenzene	ND		1.00	1	05/03/2025 22:18	WG2506146
Carbon tetrachloride	ND		1.00	1	05/03/2025 22:18	WG2506146
Chlorobenzene	ND		1.00	1	05/03/2025 22:18	WG2506146
Chlorodibromomethane	ND		1.00	1	05/03/2025 22:18	WG2506146
Chloroethane	ND		5.00	1	05/03/2025 22:18	WG2506146
Chloroform	ND		5.00	1	05/03/2025 22:18	WG2506146
Chloromethane	ND		2.50	1	05/03/2025 22:18	WG2506146
2-Chlorotoluene	ND		1.00	1	05/03/2025 22:18	WG2506146
4-Chlorotoluene	ND		1.00	1	05/03/2025 22:18	WG2506146
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/03/2025 22:18	WG2506146
1,2-Dibromoethane	ND		1.00	1	05/03/2025 22:18	WG2506146
Dibromomethane	ND		1.00	1	05/03/2025 22:18	WG2506146
1,2-Dichlorobenzene	ND		1.00	1	05/03/2025 22:18	WG2506146
1,3-Dichlorobenzene	ND		1.00	1	05/03/2025 22:18	WG2506146
1,4-Dichlorobenzene	ND		1.00	1	05/03/2025 22:18	WG2506146
Dichlorodifluoromethane	ND		5.00	1	05/03/2025 22:18	WG2506146
1,1-Dichloroethane	ND		1.00	1	05/03/2025 22:18	WG2506146
1,2-Dichloroethane	ND		1.00	1	05/03/2025 22:18	WG2506146
1,1-Dichloroethene	ND		1.00	1	05/03/2025 22:18	WG2506146
cis-1,2-Dichloroethene	ND		1.00	1	05/03/2025 22:18	WG2506146
trans-1,2-Dichloroethene	ND		1.00	1	05/03/2025 22:18	WG2506146
1,2-Dichloropropane	ND		1.00	1	05/03/2025 22:18	WG2506146
1,1-Dichloropropene	ND		1.00	1	05/03/2025 22:18	WG2506146
1,3-Dichloropropane	ND		1.00	1	05/03/2025 22:18	WG2506146
cis-1,3-Dichloropropene	ND		1.00	1	05/03/2025 22:18	WG2506146
trans-1,3-Dichloropropene	ND		1.00	1	05/03/2025 22:18	WG2506146
2,2-Dichloropropane	ND		1.00	1	05/03/2025 22:18	WG2506146

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	05/03/2025 22:18	WG2506146
Ethylbenzene	ND		1.00	1	05/03/2025 22:18	WG2506146
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2025 22:18	WG2506146
Isopropylbenzene	ND		1.00	1	05/03/2025 22:18	WG2506146
p-Isopropyltoluene	ND		1.00	1	05/03/2025 22:18	WG2506146
2-Butanone (MEK)	ND		10.0	1	05/03/2025 22:18	WG2506146
Methylene Chloride	ND		5.00	1	05/03/2025 22:18	WG2506146
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/03/2025 22:18	WG2506146
Methyl tert-butyl ether	ND		1.00	1	05/03/2025 22:18	WG2506146
Naphthalene	ND		5.00	1	05/03/2025 22:18	WG2506146
n-Propylbenzene	ND		1.00	1	05/03/2025 22:18	WG2506146
Styrene	ND		1.00	1	05/03/2025 22:18	WG2506146
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/03/2025 22:18	WG2506146
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/03/2025 22:18	WG2506146
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/03/2025 22:18	WG2506146
Tetrachloroethene	ND		1.00	1	05/03/2025 22:18	WG2506146
Toluene	ND		1.00	1	05/03/2025 22:18	WG2506146
1,2,3-Trichlorobenzene	ND		1.00	1	05/03/2025 22:18	WG2506146
1,2,4-Trichlorobenzene	ND		1.00	1	05/03/2025 22:18	WG2506146
1,1,1-Trichloroethane	ND		1.00	1	05/03/2025 22:18	WG2506146
1,1,2-Trichloroethane	ND		1.00	1	05/03/2025 22:18	WG2506146
Trichloroethene	ND		1.00	1	05/03/2025 22:18	WG2506146
Trichlorofluoromethane	ND		5.00	1	05/03/2025 22:18	WG2506146
1,2,3-Trichloropropane	ND		2.50	1	05/03/2025 22:18	WG2506146
1,2,4-Trimethylbenzene	ND		1.00	1	05/03/2025 22:18	WG2506146
1,2,3-Trimethylbenzene	ND		1.00	1	05/03/2025 22:18	WG2506146
1,3,5-Trimethylbenzene	ND		1.00	1	05/03/2025 22:18	WG2506146
Vinyl chloride	ND		1.00	1	05/03/2025 22:18	WG2506146
Xylenes, Total	ND		3.00	1	05/03/2025 22:18	WG2506146
(S) Toluene-d8	*101*		*80.0-120*		*05/03/2025 22:18*	WG2506146
(S) 4-Bromofluorobenzene	*99.0*		*77.0-126*		*05/03/2025 22:18*	WG2506146
(S) 1,2-Dichloroethane-d4	*109*		*70.0-130*		*05/03/2025 22:18*	WG2506146

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	05/03/2025 21:23	WG2506166
C28-C36 Motor Oil Range	169		100	1	05/03/2025 21:23	WG2506166
(S) o-Terphenyl	*139*		*52.0-156*		*05/03/2025 21:23*	WG2506166

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	05/04/2025 05:05	WG2506165
Acenaphthylene	ND		1.00	1	05/04/2025 05:05	WG2506165
Anthracene	ND		1.00	1	05/04/2025 05:05	WG2506165
Benzidine	ND	C7 J4	10.0	1	05/04/2025 05:05	WG2506165
Benzo(a)anthracene	ND		1.00	1	05/04/2025 05:05	WG2506165
Benzo(b)fluoranthene	ND		1.00	1	05/04/2025 05:05	WG2506165
Benzo(k)fluoranthene	ND		1.00	1	05/04/2025 05:05	WG2506165
Benzo(g,h,i)perylene	ND		1.00	1	05/04/2025 05:05	WG2506165
Benzo(a)pyrene	ND		1.00	1	05/04/2025 05:05	WG2506165
Bis(2-chlorethoxy)methane	ND		10.0	1	05/04/2025 05:05	WG2506165
Bis(2-chloroethyl)ether	ND		10.0	1	05/04/2025 05:05	WG2506165
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	05/04/2025 05:05	WG2506165

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	05/04/2025 05:05	WG2506165
2-Chloronaphthalene	ND		1.00	1	05/04/2025 05:05	WG2506165
4-Chlorophenyl-phenylether	ND		10.0	1	05/04/2025 05:05	WG2506165
Chrysene	ND		1.00	1	05/04/2025 05:05	WG2506165
Dibenz(a,h)anthracene	ND		1.00	1	05/04/2025 05:05	WG2506165
1,2-Dichlorobenzene	ND		10.0	1	05/04/2025 05:05	WG2506165
1,3-Dichlorobenzene	ND		10.0	1	05/04/2025 05:05	WG2506165
1,4-Dichlorobenzene	ND		10.0	1	05/04/2025 05:05	WG2506165
3,3-Dichlorobenzidine	ND		10.0	1	05/04/2025 05:05	WG2506165
2,4-Dinitrotoluene	ND		10.0	1	05/04/2025 05:05	WG2506165
2,6-Dinitrotoluene	ND		10.0	1	05/04/2025 05:05	WG2506165
Fluoranthene	ND		1.00	1	05/04/2025 05:05	WG2506165
Fluorene	ND		1.00	1	05/04/2025 05:05	WG2506165
Hexachlorobenzene	ND		1.00	1	05/04/2025 05:05	WG2506165
Hexachloro-1,3-butadiene	ND		10.0	1	05/04/2025 05:05	WG2506165
Hexachlorocyclopentadiene	ND	C7	10.0	1	05/04/2025 05:05	WG2506165
Hexachloroethane	ND		10.0	1	05/04/2025 05:05	WG2506165
Indeno(1,2,3-cd)pyrene	ND		1.00	1	05/04/2025 05:05	WG2506165
Isophorone	ND		10.0	1	05/04/2025 05:05	WG2506165
1-Methylnaphthalene	ND		1.00	1	05/04/2025 05:05	WG2506165
2-Methylnaphthalene	ND		1.00	1	05/04/2025 05:05	WG2506165
Naphthalene	ND		1.00	1	05/04/2025 05:05	WG2506165
Nitrobenzene	ND		10.0	1	05/04/2025 05:05	WG2506165
n-Nitrosodimethylamine	ND		10.0	1	05/04/2025 05:05	WG2506165
n-Nitrosodiphenylamine	ND		10.0	1	05/04/2025 05:05	WG2506165
n-Nitrosodi-n-propylamine	ND		10.0	1	05/04/2025 05:05	WG2506165
Phenanthrene	ND		1.00	1	05/04/2025 05:05	WG2506165
Benzylbutyl phthalate	ND		3.00	1	05/04/2025 05:05	WG2506165
Bis(2-ethylhexyl)phthalate	ND		3.00	1	05/04/2025 05:05	WG2506165
Di-n-butyl phthalate	ND		3.00	1	05/04/2025 05:05	WG2506165
Diethyl phthalate	ND		3.00	1	05/04/2025 05:05	WG2506165
Dimethyl phthalate	ND		3.00	1	05/04/2025 05:05	WG2506165
Di-n-octyl phthalate	ND		3.00	1	05/04/2025 05:05	WG2506165
Pyrene	ND		1.00	1	05/04/2025 05:05	WG2506165
1,2,4-Trichlorobenzene	ND		10.0	1	05/04/2025 05:05	WG2506165
4-Chloro-3-methylphenol	ND		10.0	1	05/04/2025 05:05	WG2506165
2-Chlorophenol	ND		10.0	1	05/04/2025 05:05	WG2506165
2,4-Dichlorophenol	ND		10.0	1	05/04/2025 05:05	WG2506165
2,4-Dimethylphenol	ND		10.0	1	05/04/2025 05:05	WG2506165
4,6-Dinitro-2-methylphenol	ND		10.0	1	05/04/2025 05:05	WG2506165
2,4-Dinitrophenol	ND		10.0	1	05/04/2025 05:05	WG2506165
2-Nitrophenol	ND		10.0	1	05/04/2025 05:05	WG2506165
4-Nitrophenol	ND		10.0	1	05/04/2025 05:05	WG2506165
Pentachlorophenol	ND		10.0	1	05/04/2025 05:05	WG2506165
Phenol	ND		10.0	1	05/04/2025 05:05	WG2506165
2,4,6-Trichlorophenol	ND		10.0	1	05/04/2025 05:05	WG2506165
(S) 2-Fluorophenol	*35.6*		*10.0-120*		*05/04/2025 05:05*	WG2506165
(S) Phenol-d5	*26.8*		*10.0-120*		*05/04/2025 05:05*	WG2506165
(S) Nitrobenzene-d5	*68.2*		*10.0-127*		*05/04/2025 05:05*	WG2506165
(S) 2-Fluorobiphenyl	*59.7*		*10.0-130*		*05/04/2025 05:05*	WG2506165
(S) 2,4,6-Tribromophenol	*71.9*		*10.0-155*		*05/04/2025 05:05*	WG2506165
(S) p-Terphenyl-d14	*61.1*		*10.0-128*		*05/04/2025 05:05*	WG2506165

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	J4	50.0	1	05/03/2025 20:23	WG2506146
Acrolein	ND		50.0	1	05/03/2025 20:23	WG2506146
Acrylonitrile	ND		10.0	1	05/03/2025 20:23	WG2506146
Benzene	ND		1.00	1	05/03/2025 20:23	WG2506146
Bromobenzene	ND		1.00	1	05/03/2025 20:23	WG2506146
Bromodichloromethane	ND		1.00	1	05/03/2025 20:23	WG2506146
Bromoform	ND		1.00	1	05/03/2025 20:23	WG2506146
Bromomethane	ND		5.00	1	05/03/2025 20:23	WG2506146
n-Butylbenzene	ND		1.00	1	05/03/2025 20:23	WG2506146
sec-Butylbenzene	ND		1.00	1	05/03/2025 20:23	WG2506146
tert-Butylbenzene	ND		1.00	1	05/03/2025 20:23	WG2506146
Carbon tetrachloride	ND		1.00	1	05/03/2025 20:23	WG2506146
Chlorobenzene	ND		1.00	1	05/03/2025 20:23	WG2506146
Chlorodibromomethane	ND		1.00	1	05/03/2025 20:23	WG2506146
Chloroethane	ND		5.00	1	05/03/2025 20:23	WG2506146
Chloroform	ND		5.00	1	05/03/2025 20:23	WG2506146
Chloromethane	ND		2.50	1	05/03/2025 20:23	WG2506146
2-Chlorotoluene	ND		1.00	1	05/03/2025 20:23	WG2506146
4-Chlorotoluene	ND		1.00	1	05/03/2025 20:23	WG2506146
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/03/2025 20:23	WG2506146
1,2-Dibromoethane	ND		1.00	1	05/03/2025 20:23	WG2506146
Dibromomethane	ND		1.00	1	05/03/2025 20:23	WG2506146
1,2-Dichlorobenzene	ND		1.00	1	05/03/2025 20:23	WG2506146
1,3-Dichlorobenzene	ND		1.00	1	05/03/2025 20:23	WG2506146
1,4-Dichlorobenzene	ND		1.00	1	05/03/2025 20:23	WG2506146
Dichlorodifluoromethane	ND		5.00	1	05/03/2025 20:23	WG2506146
1,1-Dichloroethane	ND		1.00	1	05/03/2025 20:23	WG2506146
1,2-Dichloroethane	ND		1.00	1	05/03/2025 20:23	WG2506146
1,1-Dichloroethene	ND		1.00	1	05/03/2025 20:23	WG2506146
cis-1,2-Dichloroethene	ND		1.00	1	05/03/2025 20:23	WG2506146
trans-1,2-Dichloroethene	ND		1.00	1	05/03/2025 20:23	WG2506146
1,2-Dichloropropane	ND		1.00	1	05/03/2025 20:23	WG2506146
1,1-Dichloropropene	ND		1.00	1	05/03/2025 20:23	WG2506146
1,3-Dichloropropane	ND		1.00	1	05/03/2025 20:23	WG2506146
cis-1,3-Dichloropropene	ND		1.00	1	05/03/2025 20:23	WG2506146
trans-1,3-Dichloropropene	ND		1.00	1	05/03/2025 20:23	WG2506146
2,2-Dichloropropane	ND		1.00	1	05/03/2025 20:23	WG2506146
Di-isopropyl ether	ND		1.00	1	05/03/2025 20:23	WG2506146
Ethylbenzene	ND		1.00	1	05/03/2025 20:23	WG2506146
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2025 20:23	WG2506146
Isopropylbenzene	ND		1.00	1	05/03/2025 20:23	WG2506146
p-Isopropyltoluene	ND		1.00	1	05/03/2025 20:23	WG2506146
2-Butanone (MEK)	ND		10.0	1	05/03/2025 20:23	WG2506146
Methylene Chloride	ND		5.00	1	05/03/2025 20:23	WG2506146
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/03/2025 20:23	WG2506146
Methyl tert-butyl ether	ND		1.00	1	05/03/2025 20:23	WG2506146
Naphthalene	ND		5.00	1	05/03/2025 20:23	WG2506146
n-Propylbenzene	ND		1.00	1	05/03/2025 20:23	WG2506146
Styrene	ND		1.00	1	05/03/2025 20:23	WG2506146
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/03/2025 20:23	WG2506146
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/03/2025 20:23	WG2506146
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/03/2025 20:23	WG2506146
Tetrachloroethene	ND		1.00	1	05/03/2025 20:23	WG2506146
Toluene	ND		1.00	1	05/03/2025 20:23	WG2506146
1,2,3-Trichlorobenzene	ND		1.00	1	05/03/2025 20:23	WG2506146
1,2,4-Trichlorobenzene	ND		1.00	1	05/03/2025 20:23	WG2506146

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	05/03/2025 20:23	WG2506146
1,1,2-Trichloroethane	ND		1.00	1	05/03/2025 20:23	WG2506146
Trichloroethene	ND		1.00	1	05/03/2025 20:23	WG2506146
Trichlorofluoromethane	ND		5.00	1	05/03/2025 20:23	WG2506146
1,2,3-Trichloropropane	ND		2.50	1	05/03/2025 20:23	WG2506146
1,2,4-Trimethylbenzene	ND		1.00	1	05/03/2025 20:23	WG2506146
1,2,3-Trimethylbenzene	ND		1.00	1	05/03/2025 20:23	WG2506146
1,3,5-Trimethylbenzene	ND		1.00	1	05/03/2025 20:23	WG2506146
Vinyl chloride	ND		1.00	1	05/03/2025 20:23	WG2506146
Xylenes, Total	ND		3.00	1	05/03/2025 20:23	WG2506146
(S) Toluene-d8	*102*		*80.0-120*		*05/03/2025 20:23*	WG2506146
(S) 4-Bromofluorobenzene	*100*		*77.0-126*		*05/03/2025 20:23*	WG2506146
(S) 1,2-Dichloroethane-d4	*107*		*70.0-130*		*05/03/2025 20:23*	WG2506146

Calculated Results

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Total Nitrogen	4870		250	1	05/05/2025 22:29	WG2506834

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Dissolved Solids	2580000		50000	1	05/04/2025 09:46	WG2506171

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	05/03/2025 18:30	WG2506170

Wet Chemistry by Method 130.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Hardness (colorimetric) as CaCO3	1380000		150000	5	05/06/2025 12:52	WG2507268

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	392000		20000	1	05/03/2025 19:08	WG2506141

Sample Narrative:

L1854767-07 WG2506141: 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	05/03/2025 19:11	WG2506081
Chloride	88100		5000	5	05/03/2025 19:11	WG2506081
Fluoride	1250		750	5	05/03/2025 19:11	WG2506081
Nitrate as (N)	3940		500	5	05/03/2025 19:11	WG2506081
Nitrite as (N)	ND		500	5	05/03/2025 19:11	WG2506081
Sulfate	1320000		250000	50	05/03/2025 19:24	WG2506081

Sample Narrative:

L1854767-07 WG2506081: 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	266		100	1	05/04/2025 18:42	WG2506698

Wet Chemistry by Method 351.2

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Kjeldahl Nitrogen, TKN	934		250	1	05/05/2025 22:29	WG2506834

Wet Chemistry by Method 365.4

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Phosphorus,Total	111		100	1	05/05/2025 15:07	WG2507345

Wet Chemistry by Method 5310 B-2014

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	12700		1000	1	05/03/2025 19:21	WG2506119

Wet Chemistry by Method 5540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
MBAS	123		100	1	05/03/2025 18:49	WG2505657

Wet Chemistry by Method 7199

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	05/04/2025 18:47	WG2506705

Wet Chemistry by Method 9040C

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.21	T8	1	05/03/2025 17:22	WG2506176

Sample Narrative:

L1854767-07 WG2506176: 8.21 at 19.2C

Mercury by Method 7470A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	05/03/2025 21:12	WG2506175

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Aluminum	194		100	1	05/04/2025 11:42	WG2506136
Aluminum,Dissolved	ND		100	1	05/04/2025 14:13	WG2506140
Antimony	ND		4.00	1	05/04/2025 11:42	WG2506136
Arsenic	ND		2.00	1	05/04/2025 11:42	WG2506136
Arsenic,Dissolved	ND		2.00	1	05/04/2025 14:13	WG2506140
Barium	34.8		2.00	1	05/04/2025 11:42	WG2506136
Beryllium	ND		2.00	1	05/04/2025 11:42	WG2506136
Boron	432		150	5	05/04/2025 16:56	WG2506136
Cadmium	ND		1.00	1	05/04/2025 11:42	WG2506136
Cadmium,Dissolved	ND		1.00	1	05/04/2025 14:13	WG2506140
Calcium	247000		1000	1	05/04/2025 11:42	WG2506136
Chromium	ND		2.00	1	05/04/2025 11:42	WG2506136
Chromium,Dissolved	ND		2.00	1	05/04/2025 14:13	WG2506140
Copper	ND		5.00	1	05/04/2025 11:42	WG2506136
Copper,Dissolved	ND		5.00	1	05/04/2025 14:13	WG2506140
Cobalt	ND		2.00	1	05/04/2025 11:42	WG2506136
Iron	185		100	1	05/04/2025 11:42	WG2506136
Lead	ND		2.00	1	05/04/2025 11:42	WG2506136
Lead,Dissolved	ND		2.00	1	05/04/2025 14:13	WG2506140
Magnesium	160000		1000	1	05/04/2025 11:42	WG2506136
Manganese	699		25.0	5	05/04/2025 12:57	WG2506136
Manganese,Dissolved	698		25.0	5	05/04/2025 17:03	WG2506140
Nickel	3.41		2.00	1	05/04/2025 11:42	WG2506136
Nickel,Dissolved	3.19		2.00	1	05/04/2025 14:13	WG2506140
Potassium	8540		2000	1	05/04/2025 11:42	WG2506136
Selenium	7.13		2.00	1	05/04/2025 11:42	WG2506136

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Selenium,Dissolved	6.32		2.00	1	05/04/2025 14:13	WG2506140
Silver	ND		2.00	1	05/04/2025 11:42	WG2506136
Silver,Dissolved	ND		2.00	1	05/04/2025 14:13	WG2506140
Sodium	245000		2000	1	05/04/2025 11:42	WG2506136
Thallium	ND		2.00	1	05/04/2025 11:42	WG2506136
Vanadium	ND		5.00	1	05/04/2025 11:42	WG2506136
Zinc	ND		25.0	1	05/04/2025 11:42	WG2506136
Zinc,Dissolved	ND		25.0	1	05/04/2025 14:13	WG2506140

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	05/03/2025 18:16	WG2506080
(S) a,a,a-Trifluorotoluene(FID)	*102*		*78.0-120*		*05/03/2025 18:16*	WG2506080

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	J4	50.0	1	05/03/2025 22:37	WG2506146
Acrolein	ND		50.0	1	05/03/2025 22:37	WG2506146
Acrylonitrile	ND		10.0	1	05/03/2025 22:37	WG2506146
Benzene	ND		1.00	1	05/03/2025 22:37	WG2506146
Bromobenzene	ND		1.00	1	05/03/2025 22:37	WG2506146
Bromodichloromethane	ND		1.00	1	05/03/2025 22:37	WG2506146
Bromoform	ND		1.00	1	05/03/2025 22:37	WG2506146
Bromomethane	ND		5.00	1	05/03/2025 22:37	WG2506146
n-Butylbenzene	ND		1.00	1	05/03/2025 22:37	WG2506146
sec-Butylbenzene	ND		1.00	1	05/03/2025 22:37	WG2506146
tert-Butylbenzene	ND		1.00	1	05/03/2025 22:37	WG2506146
Carbon tetrachloride	ND		1.00	1	05/03/2025 22:37	WG2506146
Chlorobenzene	ND		1.00	1	05/03/2025 22:37	WG2506146
Chlorodibromomethane	ND		1.00	1	05/03/2025 22:37	WG2506146
Chloroethane	ND		5.00	1	05/03/2025 22:37	WG2506146
Chloroform	ND		5.00	1	05/03/2025 22:37	WG2506146
Chloromethane	ND		2.50	1	05/03/2025 22:37	WG2506146
2-Chlorotoluene	ND		1.00	1	05/03/2025 22:37	WG2506146
4-Chlorotoluene	ND		1.00	1	05/03/2025 22:37	WG2506146
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/03/2025 22:37	WG2506146
1,2-Dibromoethane	ND		1.00	1	05/03/2025 22:37	WG2506146
Dibromomethane	ND		1.00	1	05/03/2025 22:37	WG2506146
1,2-Dichlorobenzene	ND		1.00	1	05/03/2025 22:37	WG2506146
1,3-Dichlorobenzene	ND		1.00	1	05/03/2025 22:37	WG2506146
1,4-Dichlorobenzene	ND		1.00	1	05/03/2025 22:37	WG2506146
Dichlorodifluoromethane	ND		5.00	1	05/03/2025 22:37	WG2506146
1,1-Dichloroethane	ND		1.00	1	05/03/2025 22:37	WG2506146
1,2-Dichloroethane	ND		1.00	1	05/03/2025 22:37	WG2506146
1,1-Dichloroethene	ND		1.00	1	05/03/2025 22:37	WG2506146
cis-1,2-Dichloroethene	ND		1.00	1	05/03/2025 22:37	WG2506146
trans-1,2-Dichloroethene	ND		1.00	1	05/03/2025 22:37	WG2506146
1,2-Dichloropropane	ND		1.00	1	05/03/2025 22:37	WG2506146
1,1-Dichloropropene	ND		1.00	1	05/03/2025 22:37	WG2506146
1,3-Dichloropropane	ND		1.00	1	05/03/2025 22:37	WG2506146
cis-1,3-Dichloropropene	ND		1.00	1	05/03/2025 22:37	WG2506146
trans-1,3-Dichloropropene	ND		1.00	1	05/03/2025 22:37	WG2506146
2,2-Dichloropropane	ND		1.00	1	05/03/2025 22:37	WG2506146

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	05/03/2025 22:37	WG2506146
Ethylbenzene	ND		1.00	1	05/03/2025 22:37	WG2506146
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2025 22:37	WG2506146
Isopropylbenzene	ND		1.00	1	05/03/2025 22:37	WG2506146
p-Isopropyltoluene	ND		1.00	1	05/03/2025 22:37	WG2506146
2-Butanone (MEK)	ND		10.0	1	05/03/2025 22:37	WG2506146
Methylene Chloride	ND		5.00	1	05/03/2025 22:37	WG2506146
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/03/2025 22:37	WG2506146
Methyl tert-butyl ether	ND		1.00	1	05/03/2025 22:37	WG2506146
Naphthalene	ND		5.00	1	05/03/2025 22:37	WG2506146
n-Propylbenzene	ND		1.00	1	05/03/2025 22:37	WG2506146
Styrene	ND		1.00	1	05/03/2025 22:37	WG2506146
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/03/2025 22:37	WG2506146
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/03/2025 22:37	WG2506146
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/03/2025 22:37	WG2506146
Tetrachloroethene	ND		1.00	1	05/03/2025 22:37	WG2506146
Toluene	ND		1.00	1	05/03/2025 22:37	WG2506146
1,2,3-Trichlorobenzene	ND		1.00	1	05/03/2025 22:37	WG2506146
1,2,4-Trichlorobenzene	ND		1.00	1	05/03/2025 22:37	WG2506146
1,1,1-Trichloroethane	ND		1.00	1	05/03/2025 22:37	WG2506146
1,1,2-Trichloroethane	ND		1.00	1	05/03/2025 22:37	WG2506146
Trichloroethene	ND		1.00	1	05/03/2025 22:37	WG2506146
Trichlorofluoromethane	ND		5.00	1	05/03/2025 22:37	WG2506146
1,2,3-Trichloropropane	ND		2.50	1	05/03/2025 22:37	WG2506146
1,2,4-Trimethylbenzene	ND		1.00	1	05/03/2025 22:37	WG2506146
1,2,3-Trimethylbenzene	ND		1.00	1	05/03/2025 22:37	WG2506146
1,3,5-Trimethylbenzene	ND		1.00	1	05/03/2025 22:37	WG2506146
Vinyl chloride	ND		1.00	1	05/03/2025 22:37	WG2506146
Xylenes, Total	ND		3.00	1	05/03/2025 22:37	WG2506146
(S) Toluene-d8	*98.9*		*80.0-120*		*05/03/2025 22:37*	WG2506146
(S) 4-Bromofluorobenzene	*99.2*		*77.0-126*		*05/03/2025 22:37*	WG2506146
(S) 1,2-Dichloroethane-d4	*109*		*70.0-130*		*05/03/2025 22:37*	WG2506146

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	05/03/2025 21:43	WG2506166
C28-C36 Motor Oil Range	159		100	1	05/03/2025 21:43	WG2506166
(S) o-Terphenyl	*126*		*52.0-156*		*05/03/2025 21:43*	WG2506166

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	05/04/2025 05:27	WG2506165
Acenaphthylene	ND		1.00	1	05/04/2025 05:27	WG2506165
Anthracene	ND		1.00	1	05/04/2025 05:27	WG2506165
Benzidine	ND	C7 J4	10.0	1	05/04/2025 05:27	WG2506165
Benzo(a)anthracene	ND		1.00	1	05/04/2025 05:27	WG2506165
Benzo(b)fluoranthene	ND		1.00	1	05/04/2025 05:27	WG2506165
Benzo(k)fluoranthene	ND		1.00	1	05/04/2025 05:27	WG2506165
Benzo(g,h,i)perylene	ND		1.00	1	05/04/2025 05:27	WG2506165
Benzo(a)pyrene	ND		1.00	1	05/04/2025 05:27	WG2506165
Bis(2-chlorethoxy)methane	ND		10.0	1	05/04/2025 05:27	WG2506165
Bis(2-chloroethyl)ether	ND		10.0	1	05/04/2025 05:27	WG2506165
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	05/04/2025 05:27	WG2506165

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	05/04/2025 05:27	WG2506165
2-Chloronaphthalene	ND		1.00	1	05/04/2025 05:27	WG2506165
4-Chlorophenyl-phenylether	ND		10.0	1	05/04/2025 05:27	WG2506165
Chrysene	ND		1.00	1	05/04/2025 05:27	WG2506165
Dibenz(a,h)anthracene	ND		1.00	1	05/04/2025 05:27	WG2506165
1,2-Dichlorobenzene	ND		10.0	1	05/04/2025 05:27	WG2506165
1,3-Dichlorobenzene	ND		10.0	1	05/04/2025 05:27	WG2506165
1,4-Dichlorobenzene	ND		10.0	1	05/04/2025 05:27	WG2506165
3,3-Dichlorobenzidine	ND		10.0	1	05/04/2025 05:27	WG2506165
2,4-Dinitrotoluene	ND		10.0	1	05/04/2025 05:27	WG2506165
2,6-Dinitrotoluene	ND		10.0	1	05/04/2025 05:27	WG2506165
Fluoranthene	ND		1.00	1	05/04/2025 05:27	WG2506165
Fluorene	ND		1.00	1	05/04/2025 05:27	WG2506165
Hexachlorobenzene	ND		1.00	1	05/04/2025 05:27	WG2506165
Hexachloro-1,3-butadiene	ND		10.0	1	05/04/2025 05:27	WG2506165
Hexachlorocyclopentadiene	ND	C7	10.0	1	05/04/2025 05:27	WG2506165
Hexachloroethane	ND		10.0	1	05/04/2025 05:27	WG2506165
Indeno(1,2,3-cd)pyrene	ND		1.00	1	05/04/2025 05:27	WG2506165
Isophorone	ND		10.0	1	05/04/2025 05:27	WG2506165
1-Methylnaphthalene	ND		1.00	1	05/04/2025 05:27	WG2506165
2-Methylnaphthalene	ND		1.00	1	05/04/2025 05:27	WG2506165
Naphthalene	ND		1.00	1	05/04/2025 05:27	WG2506165
Nitrobenzene	ND		10.0	1	05/04/2025 05:27	WG2506165
n-Nitrosodimethylamine	ND		10.0	1	05/04/2025 05:27	WG2506165
n-Nitrosodiphenylamine	ND		10.0	1	05/04/2025 05:27	WG2506165
n-Nitrosodi-n-propylamine	ND		10.0	1	05/04/2025 05:27	WG2506165
Phenanthrene	ND		1.00	1	05/04/2025 05:27	WG2506165
Benzylbutyl phthalate	ND		3.00	1	05/04/2025 05:27	WG2506165
Bis(2-ethylhexyl)phthalate	ND		3.00	1	05/04/2025 05:27	WG2506165
Di-n-butyl phthalate	ND		3.00	1	05/04/2025 05:27	WG2506165
Diethyl phthalate	ND		3.00	1	05/04/2025 05:27	WG2506165
Dimethyl phthalate	ND		3.00	1	05/04/2025 05:27	WG2506165
Di-n-octyl phthalate	ND		3.00	1	05/04/2025 05:27	WG2506165
Pyrene	ND		1.00	1	05/04/2025 05:27	WG2506165
1,2,4-Trichlorobenzene	ND		10.0	1	05/04/2025 05:27	WG2506165
4-Chloro-3-methylphenol	ND		10.0	1	05/04/2025 05:27	WG2506165
2-Chlorophenol	ND		10.0	1	05/04/2025 05:27	WG2506165
2,4-Dichlorophenol	ND		10.0	1	05/04/2025 05:27	WG2506165
2,4-Dimethylphenol	ND		10.0	1	05/04/2025 05:27	WG2506165
4,6-Dinitro-2-methylphenol	ND		10.0	1	05/04/2025 05:27	WG2506165
2,4-Dinitrophenol	ND		10.0	1	05/04/2025 05:27	WG2506165
2-Nitrophenol	ND		10.0	1	05/04/2025 05:27	WG2506165
4-Nitrophenol	ND		10.0	1	05/04/2025 05:27	WG2506165
Pentachlorophenol	ND		10.0	1	05/04/2025 05:27	WG2506165
Phenol	ND		10.0	1	05/04/2025 05:27	WG2506165
2,4,6-Trichlorophenol	ND		10.0	1	05/04/2025 05:27	WG2506165
(S) 2-Fluorophenol	*35.0*		*10.0-120*		*05/04/2025 05:27*	WG2506165
(S) Phenol-d5	*27.8*		*10.0-120*		*05/04/2025 05:27*	WG2506165
(S) Nitrobenzene-d5	*72.4*		*10.0-127*		*05/04/2025 05:27*	WG2506165
(S) 2-Fluorobiphenyl	*59.5*		*10.0-130*		*05/04/2025 05:27*	WG2506165
(S) 2,4,6-Tribromophenol	*73.5*		*10.0-155*		*05/04/2025 05:27*	WG2506165
(S) p-Terphenyl-d14	*63.0*		*10.0-128*		*05/04/2025 05:27*	WG2506165

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	J4	50.0	1	05/03/2025 20:43	WG2506146
Acrolein	ND		50.0	1	05/03/2025 20:43	WG2506146
Acrylonitrile	ND		10.0	1	05/03/2025 20:43	WG2506146
Benzene	ND		1.00	1	05/03/2025 20:43	WG2506146
Bromobenzene	ND		1.00	1	05/03/2025 20:43	WG2506146
Bromodichloromethane	ND		1.00	1	05/03/2025 20:43	WG2506146
Bromoform	ND		1.00	1	05/03/2025 20:43	WG2506146
Bromomethane	ND		5.00	1	05/03/2025 20:43	WG2506146
n-Butylbenzene	ND		1.00	1	05/03/2025 20:43	WG2506146
sec-Butylbenzene	ND		1.00	1	05/03/2025 20:43	WG2506146
tert-Butylbenzene	ND		1.00	1	05/03/2025 20:43	WG2506146
Carbon tetrachloride	ND		1.00	1	05/03/2025 20:43	WG2506146
Chlorobenzene	ND		1.00	1	05/03/2025 20:43	WG2506146
Chlorodibromomethane	ND		1.00	1	05/03/2025 20:43	WG2506146
Chloroethane	ND		5.00	1	05/03/2025 20:43	WG2506146
Chloroform	ND		5.00	1	05/03/2025 20:43	WG2506146
Chloromethane	ND		2.50	1	05/03/2025 20:43	WG2506146
2-Chlorotoluene	ND		1.00	1	05/03/2025 20:43	WG2506146
4-Chlorotoluene	ND		1.00	1	05/03/2025 20:43	WG2506146
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/03/2025 20:43	WG2506146
1,2-Dibromoethane	ND		1.00	1	05/03/2025 20:43	WG2506146
Dibromomethane	ND		1.00	1	05/03/2025 20:43	WG2506146
1,2-Dichlorobenzene	ND		1.00	1	05/03/2025 20:43	WG2506146
1,3-Dichlorobenzene	ND		1.00	1	05/03/2025 20:43	WG2506146
1,4-Dichlorobenzene	ND		1.00	1	05/03/2025 20:43	WG2506146
Dichlorodifluoromethane	ND		5.00	1	05/03/2025 20:43	WG2506146
1,1-Dichloroethane	ND		1.00	1	05/03/2025 20:43	WG2506146
1,2-Dichloroethane	ND		1.00	1	05/03/2025 20:43	WG2506146
1,1-Dichloroethene	ND		1.00	1	05/03/2025 20:43	WG2506146
cis-1,2-Dichloroethene	ND		1.00	1	05/03/2025 20:43	WG2506146
trans-1,2-Dichloroethene	ND		1.00	1	05/03/2025 20:43	WG2506146
1,2-Dichloropropane	ND		1.00	1	05/03/2025 20:43	WG2506146
1,1-Dichloropropene	ND		1.00	1	05/03/2025 20:43	WG2506146
1,3-Dichloropropane	ND		1.00	1	05/03/2025 20:43	WG2506146
cis-1,3-Dichloropropene	ND		1.00	1	05/03/2025 20:43	WG2506146
trans-1,3-Dichloropropene	ND		1.00	1	05/03/2025 20:43	WG2506146
2,2-Dichloropropane	ND		1.00	1	05/03/2025 20:43	WG2506146
Di-isopropyl ether	ND		1.00	1	05/03/2025 20:43	WG2506146
Ethylbenzene	ND		1.00	1	05/03/2025 20:43	WG2506146
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2025 20:43	WG2506146
Isopropylbenzene	ND		1.00	1	05/03/2025 20:43	WG2506146
p-Isopropyltoluene	ND		1.00	1	05/03/2025 20:43	WG2506146
2-Butanone (MEK)	ND		10.0	1	05/03/2025 20:43	WG2506146
Methylene Chloride	ND		5.00	1	05/03/2025 20:43	WG2506146
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/03/2025 20:43	WG2506146
Methyl tert-butyl ether	ND		1.00	1	05/03/2025 20:43	WG2506146
Naphthalene	ND		5.00	1	05/03/2025 20:43	WG2506146
n-Propylbenzene	ND		1.00	1	05/03/2025 20:43	WG2506146
Styrene	ND		1.00	1	05/03/2025 20:43	WG2506146
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/03/2025 20:43	WG2506146
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/03/2025 20:43	WG2506146
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/03/2025 20:43	WG2506146
Tetrachloroethene	ND		1.00	1	05/03/2025 20:43	WG2506146
Toluene	ND		1.00	1	05/03/2025 20:43	WG2506146
1,2,3-Trichlorobenzene	ND		1.00	1	05/03/2025 20:43	WG2506146
1,2,4-Trichlorobenzene	ND		1.00	1	05/03/2025 20:43	WG2506146

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	05/03/2025 20:43	WG2506146
1,1,2-Trichloroethane	ND		1.00	1	05/03/2025 20:43	WG2506146
Trichloroethene	ND		1.00	1	05/03/2025 20:43	WG2506146
Trichlorofluoromethane	ND		5.00	1	05/03/2025 20:43	WG2506146
1,2,3-Trichloropropane	ND		2.50	1	05/03/2025 20:43	WG2506146
1,2,4-Trimethylbenzene	ND		1.00	1	05/03/2025 20:43	WG2506146
1,2,3-Trimethylbenzene	ND		1.00	1	05/03/2025 20:43	WG2506146
1,3,5-Trimethylbenzene	ND		1.00	1	05/03/2025 20:43	WG2506146
Vinyl chloride	ND		1.00	1	05/03/2025 20:43	WG2506146
Xylenes, Total	ND		3.00	1	05/03/2025 20:43	WG2506146
(S) Toluene-d8	*103*		*80.0-120*		*05/03/2025 20:43*	WG2506146
(S) 4-Bromofluorobenzene	*94.0*		*77.0-126*		*05/03/2025 20:43*	WG2506146
(S) 1,2-Dichloroethane-d4	*106*		*70.0-130*		*05/03/2025 20:43*	WG2506146

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	J4	50.0	1	05/03/2025 21:02	WG2506146
Acrolein	ND		50.0	1	05/03/2025 21:02	WG2506146
Acrylonitrile	ND		10.0	1	05/03/2025 21:02	WG2506146
Benzene	ND		1.00	1	05/03/2025 21:02	WG2506146
Bromobenzene	ND		1.00	1	05/03/2025 21:02	WG2506146
Bromodichloromethane	ND		1.00	1	05/03/2025 21:02	WG2506146
Bromoform	ND		1.00	1	05/03/2025 21:02	WG2506146
Bromomethane	ND		5.00	1	05/03/2025 21:02	WG2506146
n-Butylbenzene	ND		1.00	1	05/03/2025 21:02	WG2506146
sec-Butylbenzene	ND		1.00	1	05/03/2025 21:02	WG2506146
tert-Butylbenzene	ND		1.00	1	05/03/2025 21:02	WG2506146
Carbon tetrachloride	ND		1.00	1	05/03/2025 21:02	WG2506146
Chlorobenzene	ND		1.00	1	05/03/2025 21:02	WG2506146
Chlorodibromomethane	ND		1.00	1	05/03/2025 21:02	WG2506146
Chloroethane	ND		5.00	1	05/03/2025 21:02	WG2506146
Chloroform	ND		5.00	1	05/03/2025 21:02	WG2506146
Chloromethane	ND		2.50	1	05/03/2025 21:02	WG2506146
2-Chlorotoluene	ND		1.00	1	05/03/2025 21:02	WG2506146
4-Chlorotoluene	ND		1.00	1	05/03/2025 21:02	WG2506146
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/03/2025 21:02	WG2506146
1,2-Dibromoethane	ND		1.00	1	05/03/2025 21:02	WG2506146
Dibromomethane	ND		1.00	1	05/03/2025 21:02	WG2506146
1,2-Dichlorobenzene	ND		1.00	1	05/03/2025 21:02	WG2506146
1,3-Dichlorobenzene	ND		1.00	1	05/03/2025 21:02	WG2506146
1,4-Dichlorobenzene	ND		1.00	1	05/03/2025 21:02	WG2506146
Dichlorodifluoromethane	ND		5.00	1	05/03/2025 21:02	WG2506146
1,1-Dichloroethane	ND		1.00	1	05/03/2025 21:02	WG2506146
1,2-Dichloroethane	ND		1.00	1	05/03/2025 21:02	WG2506146
1,1-Dichloroethene	ND		1.00	1	05/03/2025 21:02	WG2506146
cis-1,2-Dichloroethene	ND		1.00	1	05/03/2025 21:02	WG2506146
trans-1,2-Dichloroethene	ND		1.00	1	05/03/2025 21:02	WG2506146
1,2-Dichloropropane	ND		1.00	1	05/03/2025 21:02	WG2506146
1,1-Dichloropropene	ND		1.00	1	05/03/2025 21:02	WG2506146
1,3-Dichloropropane	ND		1.00	1	05/03/2025 21:02	WG2506146
cis-1,3-Dichloropropene	ND		1.00	1	05/03/2025 21:02	WG2506146
trans-1,3-Dichloropropene	ND		1.00	1	05/03/2025 21:02	WG2506146
2,2-Dichloropropane	ND		1.00	1	05/03/2025 21:02	WG2506146
Di-isopropyl ether	ND		1.00	1	05/03/2025 21:02	WG2506146
Ethylbenzene	ND		1.00	1	05/03/2025 21:02	WG2506146
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2025 21:02	WG2506146
Isopropylbenzene	ND		1.00	1	05/03/2025 21:02	WG2506146
p-Isopropyltoluene	ND		1.00	1	05/03/2025 21:02	WG2506146
2-Butanone (MEK)	ND		10.0	1	05/03/2025 21:02	WG2506146
Methylene Chloride	ND		5.00	1	05/03/2025 21:02	WG2506146
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/03/2025 21:02	WG2506146
Methyl tert-butyl ether	ND		1.00	1	05/03/2025 21:02	WG2506146
Naphthalene	ND		5.00	1	05/03/2025 21:02	WG2506146
n-Propylbenzene	ND		1.00	1	05/03/2025 21:02	WG2506146
Styrene	ND		1.00	1	05/03/2025 21:02	WG2506146
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/03/2025 21:02	WG2506146
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/03/2025 21:02	WG2506146
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/03/2025 21:02	WG2506146
Tetrachloroethene	ND		1.00	1	05/03/2025 21:02	WG2506146
Toluene	ND		1.00	1	05/03/2025 21:02	WG2506146
1,2,3-Trichlorobenzene	ND		1.00	1	05/03/2025 21:02	WG2506146
1,2,4-Trichlorobenzene	ND		1.00	1	05/03/2025 21:02	WG2506146

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	05/03/2025 21:02	WG2506146
1,1,2-Trichloroethane	ND		1.00	1	05/03/2025 21:02	WG2506146
Trichloroethene	ND		1.00	1	05/03/2025 21:02	WG2506146
Trichlorofluoromethane	ND		5.00	1	05/03/2025 21:02	WG2506146
1,2,3-Trichloropropane	ND		2.50	1	05/03/2025 21:02	WG2506146
1,2,4-Trimethylbenzene	ND		1.00	1	05/03/2025 21:02	WG2506146
1,2,3-Trimethylbenzene	ND		1.00	1	05/03/2025 21:02	WG2506146
1,3,5-Trimethylbenzene	ND		1.00	1	05/03/2025 21:02	WG2506146
Vinyl chloride	ND		1.00	1	05/03/2025 21:02	WG2506146
Xylenes, Total	ND		3.00	1	05/03/2025 21:02	WG2506146
(S) Toluene-d8	*108*		*80.0-120*		*05/03/2025 21:02*	WG2506146
(S) 4-Bromofluorobenzene	*97.0*		*77.0-126*		*05/03/2025 21:02*	WG2506146
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*05/03/2025 21:02*	WG2506146

Calculated Results

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Total Nitrogen	5760		250	1	05/05/2025 22:31	WG2506834

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Dissolved Solids	2630000		50000	1	05/04/2025 09:46	WG2506171

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Suspended Solids	18300		3130	1	05/03/2025 18:30	WG2506170

Wet Chemistry by Method 130.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Hardness (colorimetric) as CaCO3	1430000		150000	5	05/06/2025 12:54	WG2507268

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	435000		20000	1	05/03/2025 19:23	WG2506141

Sample Narrative:

L1854767-11 WG2506141: 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	05/04/2025 20:42	WG2506081
Chloride	85400		5000	5	05/04/2025 20:42	WG2506081
Fluoride	1020		750	5	05/04/2025 20:42	WG2506081
Nitrate as (N)	4200		500	5	05/03/2025 20:27	WG2506081
Nitrite as (N)	ND		500	5	05/03/2025 20:27	WG2506081
Sulfate	1340000		100000	20	05/04/2025 20:26	WG2506081

Sample Narrative:

L1854767-11 WG2506081: 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	276		100	1	05/04/2025 18:45	WG2506698

Wet Chemistry by Method 351.2

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Kjeldahl Nitrogen, TKN	1560		250	1	05/05/2025 22:31	WG2506834

Wet Chemistry by Method 365.4

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Phosphorus,Total	196		100	1	05/05/2025 15:10	WG2507345

Wet Chemistry by Method 5310 B-2014

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	13000		1000	1	05/03/2025 19:51	WG2506119

Wet Chemistry by Method 5540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
MBAS	361		100	1	05/03/2025 18:58	WG2505657

Wet Chemistry by Method 7199

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	05/04/2025 19:16	WG2506705

Wet Chemistry by Method 9040C

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.20	T8	1	05/03/2025 17:22	WG2506176

Sample Narrative:

L1854767-11 WG2506176: 8.2 at 19.5C

Mercury by Method 7470A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	05/03/2025 21:17	WG2506175

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Aluminum	271		100	1	05/04/2025 11:59	WG2506136
Aluminum,Dissolved	ND		100	1	05/04/2025 14:48	WG2506140
Antimony	ND		4.00	1	05/04/2025 11:59	WG2506136
Arsenic	ND		2.00	1	05/04/2025 11:59	WG2506136
Arsenic,Dissolved	ND		2.00	1	05/04/2025 14:48	WG2506140
Barium	39.0		2.00	1	05/04/2025 11:59	WG2506136
Beryllium	ND		2.00	1	05/04/2025 11:59	WG2506136
Boron	483		150	5	05/04/2025 17:09	WG2506136
Cadmium	ND		1.00	1	05/04/2025 11:59	WG2506136
Cadmium,Dissolved	ND		1.00	1	05/04/2025 14:48	WG2506140
Calcium	281000		1000	1	05/04/2025 11:59	WG2506136
Chromium	ND		2.00	1	05/04/2025 11:59	WG2506136
Chromium,Dissolved	ND		2.00	1	05/04/2025 14:48	WG2506140
Copper	ND		5.00	1	05/04/2025 11:59	WG2506136
Copper,Dissolved	ND		5.00	1	05/04/2025 14:48	WG2506140
Cobalt	ND		2.00	1	05/04/2025 11:59	WG2506136
Iron	409		100	1	05/04/2025 11:59	WG2506136
Lead	ND		2.00	1	05/04/2025 11:59	WG2506136
Lead,Dissolved	ND		2.00	1	05/04/2025 14:48	WG2506140
Magnesium	165000		1000	1	05/04/2025 11:59	WG2506136
Manganese	1390		25.0	5	05/04/2025 13:00	WG2506136
Manganese,Dissolved	1370		25.0	5	05/04/2025 17:06	WG2506140
Nickel	4.22		2.00	1	05/04/2025 11:59	WG2506136
Nickel,Dissolved	4.03		2.00	1	05/04/2025 14:48	WG2506140
Potassium	8960		2000	1	05/04/2025 11:59	WG2506136
Selenium	3.50		2.00	1	05/04/2025 11:59	WG2506136

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Selenium,Dissolved	4.07		2.00	1	05/04/2025 14:48	WG2506140
Silver	ND		2.00	1	05/04/2025 11:59	WG2506136
Silver,Dissolved	ND		2.00	1	05/04/2025 14:48	WG2506140
Sodium	259000		2000	1	05/04/2025 11:59	WG2506136
Thallium	ND		2.00	1	05/04/2025 11:59	WG2506136
Vanadium	ND		5.00	1	05/04/2025 11:59	WG2506136
Zinc	ND		25.0	1	05/04/2025 11:59	WG2506136
Zinc,Dissolved	ND		25.0	1	05/04/2025 14:48	WG2506140

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	05/03/2025 18:57	WG2506080
(S) a,a,a-Trifluorotoluene(FID)	*101*		*78.0-120*		*05/03/2025 18:57*	WG2506080

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	J4	50.0	1	05/03/2025 23:15	WG2506146
Acrolein	ND		50.0	1	05/03/2025 23:15	WG2506146
Acrylonitrile	ND		10.0	1	05/03/2025 23:15	WG2506146
Benzene	ND		1.00	1	05/03/2025 23:15	WG2506146
Bromobenzene	ND		1.00	1	05/03/2025 23:15	WG2506146
Bromodichloromethane	ND		1.00	1	05/03/2025 23:15	WG2506146
Bromoform	ND		1.00	1	05/03/2025 23:15	WG2506146
Bromomethane	ND		5.00	1	05/03/2025 23:15	WG2506146
n-Butylbenzene	ND		1.00	1	05/03/2025 23:15	WG2506146
sec-Butylbenzene	ND		1.00	1	05/03/2025 23:15	WG2506146
tert-Butylbenzene	ND		1.00	1	05/03/2025 23:15	WG2506146
Carbon tetrachloride	ND		1.00	1	05/03/2025 23:15	WG2506146
Chlorobenzene	ND		1.00	1	05/03/2025 23:15	WG2506146
Chlorodibromomethane	ND		1.00	1	05/03/2025 23:15	WG2506146
Chloroethane	ND		5.00	1	05/03/2025 23:15	WG2506146
Chloroform	ND		5.00	1	05/03/2025 23:15	WG2506146
Chloromethane	ND		2.50	1	05/03/2025 23:15	WG2506146
2-Chlorotoluene	ND		1.00	1	05/03/2025 23:15	WG2506146
4-Chlorotoluene	ND		1.00	1	05/03/2025 23:15	WG2506146
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/03/2025 23:15	WG2506146
1,2-Dibromoethane	ND		1.00	1	05/03/2025 23:15	WG2506146
Dibromomethane	ND		1.00	1	05/03/2025 23:15	WG2506146
1,2-Dichlorobenzene	ND		1.00	1	05/03/2025 23:15	WG2506146
1,3-Dichlorobenzene	ND		1.00	1	05/03/2025 23:15	WG2506146
1,4-Dichlorobenzene	ND		1.00	1	05/03/2025 23:15	WG2506146
Dichlorodifluoromethane	ND		5.00	1	05/03/2025 23:15	WG2506146
1,1-Dichloroethane	ND		1.00	1	05/03/2025 23:15	WG2506146
1,2-Dichloroethane	ND		1.00	1	05/03/2025 23:15	WG2506146
1,1-Dichloroethene	ND		1.00	1	05/03/2025 23:15	WG2506146
cis-1,2-Dichloroethene	ND		1.00	1	05/03/2025 23:15	WG2506146
trans-1,2-Dichloroethene	ND		1.00	1	05/03/2025 23:15	WG2506146
1,2-Dichloropropane	ND		1.00	1	05/03/2025 23:15	WG2506146
1,1-Dichloropropene	ND		1.00	1	05/03/2025 23:15	WG2506146
1,3-Dichloropropane	ND		1.00	1	05/03/2025 23:15	WG2506146
cis-1,3-Dichloropropene	ND		1.00	1	05/03/2025 23:15	WG2506146
trans-1,3-Dichloropropene	ND		1.00	1	05/03/2025 23:15	WG2506146
2,2-Dichloropropane	ND		1.00	1	05/03/2025 23:15	WG2506146

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	05/03/2025 23:15	WG2506146
Ethylbenzene	ND		1.00	1	05/03/2025 23:15	WG2506146
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2025 23:15	WG2506146
Isopropylbenzene	ND		1.00	1	05/03/2025 23:15	WG2506146
p-Isopropyltoluene	ND		1.00	1	05/03/2025 23:15	WG2506146
2-Butanone (MEK)	ND		10.0	1	05/03/2025 23:15	WG2506146
Methylene Chloride	ND		5.00	1	05/03/2025 23:15	WG2506146
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/03/2025 23:15	WG2506146
Methyl tert-butyl ether	ND		1.00	1	05/03/2025 23:15	WG2506146
Naphthalene	ND		5.00	1	05/03/2025 23:15	WG2506146
n-Propylbenzene	ND		1.00	1	05/03/2025 23:15	WG2506146
Styrene	ND		1.00	1	05/03/2025 23:15	WG2506146
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/03/2025 23:15	WG2506146
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/03/2025 23:15	WG2506146
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/03/2025 23:15	WG2506146
Tetrachloroethene	ND		1.00	1	05/03/2025 23:15	WG2506146
Toluene	ND		1.00	1	05/03/2025 23:15	WG2506146
1,2,3-Trichlorobenzene	ND		1.00	1	05/03/2025 23:15	WG2506146
1,2,4-Trichlorobenzene	ND		1.00	1	05/03/2025 23:15	WG2506146
1,1,1-Trichloroethane	ND		1.00	1	05/03/2025 23:15	WG2506146
1,1,2-Trichloroethane	ND		1.00	1	05/03/2025 23:15	WG2506146
Trichloroethene	ND		1.00	1	05/03/2025 23:15	WG2506146
Trichlorofluoromethane	ND		5.00	1	05/03/2025 23:15	WG2506146
1,2,3-Trichloropropane	ND		2.50	1	05/03/2025 23:15	WG2506146
1,2,4-Trimethylbenzene	ND		1.00	1	05/03/2025 23:15	WG2506146
1,2,3-Trimethylbenzene	ND		1.00	1	05/03/2025 23:15	WG2506146
1,3,5-Trimethylbenzene	ND		1.00	1	05/03/2025 23:15	WG2506146
Vinyl chloride	ND		1.00	1	05/03/2025 23:15	WG2506146
Xylenes, Total	ND		3.00	1	05/03/2025 23:15	WG2506146
(S) Toluene-d8	*103*		*80.0-120*		*05/03/2025 23:15*	WG2506146
(S) 4-Bromofluorobenzene	*97.7*		*77.0-126*		*05/03/2025 23:15*	WG2506146
(S) 1,2-Dichloroethane-d4	*106*		*70.0-130*		*05/03/2025 23:15*	WG2506146

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	114		100	1	05/03/2025 22:23	WG2506166
C28-C36 Motor Oil Range	179		100	1	05/03/2025 22:23	WG2506166
(S) o-Terphenyl	*143*		*52.0-156*		*05/03/2025 22:23*	WG2506166

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	05/04/2025 06:11	WG2506165
Acenaphthylene	ND		1.00	1	05/04/2025 06:11	WG2506165
Anthracene	ND		1.00	1	05/04/2025 06:11	WG2506165
Benzidine	ND	C7 J4	10.0	1	05/04/2025 06:11	WG2506165
Benzo(a)anthracene	ND		1.00	1	05/04/2025 06:11	WG2506165
Benzo(b)fluoranthene	ND		1.00	1	05/04/2025 06:11	WG2506165
Benzo(k)fluoranthene	ND		1.00	1	05/04/2025 06:11	WG2506165
Benzo(g,h,i)perylene	ND		1.00	1	05/04/2025 06:11	WG2506165
Benzo(a)pyrene	ND		1.00	1	05/04/2025 06:11	WG2506165
Bis(2-chlorethoxy)methane	ND		10.0	1	05/04/2025 06:11	WG2506165
Bis(2-chloroethyl)ether	ND		10.0	1	05/04/2025 06:11	WG2506165
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	05/04/2025 06:11	WG2506165

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	05/04/2025 06:11	WG2506165
2-Chloronaphthalene	ND		1.00	1	05/04/2025 06:11	WG2506165
4-Chlorophenyl-phenylether	ND		10.0	1	05/04/2025 06:11	WG2506165
Chrysene	ND		1.00	1	05/04/2025 06:11	WG2506165
Dibenz(a,h)anthracene	ND		1.00	1	05/04/2025 06:11	WG2506165
1,2-Dichlorobenzene	ND		10.0	1	05/04/2025 06:11	WG2506165
1,3-Dichlorobenzene	ND		10.0	1	05/04/2025 06:11	WG2506165
1,4-Dichlorobenzene	ND		10.0	1	05/04/2025 06:11	WG2506165
3,3-Dichlorobenzidine	ND		10.0	1	05/04/2025 06:11	WG2506165
2,4-Dinitrotoluene	ND		10.0	1	05/04/2025 06:11	WG2506165
2,6-Dinitrotoluene	ND		10.0	1	05/04/2025 06:11	WG2506165
Fluoranthene	ND		1.00	1	05/04/2025 06:11	WG2506165
Fluorene	ND		1.00	1	05/04/2025 06:11	WG2506165
Hexachlorobenzene	ND		1.00	1	05/04/2025 06:11	WG2506165
Hexachloro-1,3-butadiene	ND		10.0	1	05/04/2025 06:11	WG2506165
Hexachlorocyclopentadiene	ND	C7	10.0	1	05/04/2025 06:11	WG2506165
Hexachloroethane	ND		10.0	1	05/04/2025 06:11	WG2506165
Indeno(1,2,3-cd)pyrene	ND		1.00	1	05/04/2025 06:11	WG2506165
Isophorone	ND		10.0	1	05/04/2025 06:11	WG2506165
1-Methylnaphthalene	ND		1.00	1	05/04/2025 06:11	WG2506165
2-Methylnaphthalene	ND		1.00	1	05/04/2025 06:11	WG2506165
Naphthalene	ND		1.00	1	05/04/2025 06:11	WG2506165
Nitrobenzene	ND		10.0	1	05/04/2025 06:11	WG2506165
n-Nitrosodimethylamine	ND		10.0	1	05/04/2025 06:11	WG2506165
n-Nitrosodiphenylamine	ND		10.0	1	05/04/2025 06:11	WG2506165
n-Nitrosodi-n-propylamine	ND		10.0	1	05/04/2025 06:11	WG2506165
Phenanthrene	ND		1.00	1	05/04/2025 06:11	WG2506165
Benzylbutyl phthalate	ND		3.00	1	05/04/2025 06:11	WG2506165
Bis(2-ethylhexyl)phthalate	ND		3.00	1	05/04/2025 06:11	WG2506165
Di-n-butyl phthalate	ND		3.00	1	05/04/2025 06:11	WG2506165
Diethyl phthalate	ND		3.00	1	05/04/2025 06:11	WG2506165
Dimethyl phthalate	ND		3.00	1	05/04/2025 06:11	WG2506165
Di-n-octyl phthalate	ND		3.00	1	05/04/2025 06:11	WG2506165
Pyrene	ND		1.00	1	05/04/2025 06:11	WG2506165
1,2,4-Trichlorobenzene	ND		10.0	1	05/04/2025 06:11	WG2506165
4-Chloro-3-methylphenol	ND		10.0	1	05/04/2025 06:11	WG2506165
2-Chlorophenol	ND		10.0	1	05/04/2025 06:11	WG2506165
2,4-Dichlorophenol	ND		10.0	1	05/04/2025 06:11	WG2506165
2,4-Dimethylphenol	ND		10.0	1	05/04/2025 06:11	WG2506165
4,6-Dinitro-2-methylphenol	ND		10.0	1	05/04/2025 06:11	WG2506165
2,4-Dinitrophenol	ND		10.0	1	05/04/2025 06:11	WG2506165
2-Nitrophenol	ND		10.0	1	05/04/2025 06:11	WG2506165
4-Nitrophenol	ND		10.0	1	05/04/2025 06:11	WG2506165
Pentachlorophenol	ND		10.0	1	05/04/2025 06:11	WG2506165
Phenol	ND		10.0	1	05/04/2025 06:11	WG2506165
2,4,6-Trichlorophenol	ND		10.0	1	05/04/2025 06:11	WG2506165
(S) 2-Fluorophenol	*44.7*		*10.0-120*		*05/04/2025 06:11*	WG2506165
(S) Phenol-d5	*31.3*		*10.0-120*		*05/04/2025 06:11*	WG2506165
(S) Nitrobenzene-d5	*76.1*		*10.0-127*		*05/04/2025 06:11*	WG2506165
(S) 2-Fluorobiphenyl	*62.3*		*10.0-130*		*05/04/2025 06:11*	WG2506165
(S) 2,4,6-Tribromophenol	*77.5*		*10.0-155*		*05/04/2025 06:11*	WG2506165
(S) p-Terphenyl-d14	*71.6*		*10.0-128*		*05/04/2025 06:11*	WG2506165

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	J4	50.0	1	05/03/2025 21:21	WG2506146
Acrolein	ND		50.0	1	05/03/2025 21:21	WG2506146
Acrylonitrile	ND		10.0	1	05/03/2025 21:21	WG2506146
Benzene	ND		1.00	1	05/03/2025 21:21	WG2506146
Bromobenzene	ND		1.00	1	05/03/2025 21:21	WG2506146
Bromodichloromethane	ND		1.00	1	05/03/2025 21:21	WG2506146
Bromoform	ND		1.00	1	05/03/2025 21:21	WG2506146
Bromomethane	ND		5.00	1	05/03/2025 21:21	WG2506146
n-Butylbenzene	ND		1.00	1	05/03/2025 21:21	WG2506146
sec-Butylbenzene	ND		1.00	1	05/03/2025 21:21	WG2506146
tert-Butylbenzene	ND		1.00	1	05/03/2025 21:21	WG2506146
Carbon tetrachloride	ND		1.00	1	05/03/2025 21:21	WG2506146
Chlorobenzene	ND		1.00	1	05/03/2025 21:21	WG2506146
Chlorodibromomethane	ND		1.00	1	05/03/2025 21:21	WG2506146
Chloroethane	ND		5.00	1	05/03/2025 21:21	WG2506146
Chloroform	ND		5.00	1	05/03/2025 21:21	WG2506146
Chloromethane	ND		2.50	1	05/03/2025 21:21	WG2506146
2-Chlorotoluene	ND		1.00	1	05/03/2025 21:21	WG2506146
4-Chlorotoluene	ND		1.00	1	05/03/2025 21:21	WG2506146
1,2-Dibromo-3-Chloropropane	ND		5.00	1	05/03/2025 21:21	WG2506146
1,2-Dibromoethane	ND		1.00	1	05/03/2025 21:21	WG2506146
Dibromomethane	ND		1.00	1	05/03/2025 21:21	WG2506146
1,2-Dichlorobenzene	ND		1.00	1	05/03/2025 21:21	WG2506146
1,3-Dichlorobenzene	ND		1.00	1	05/03/2025 21:21	WG2506146
1,4-Dichlorobenzene	ND		1.00	1	05/03/2025 21:21	WG2506146
Dichlorodifluoromethane	ND		5.00	1	05/03/2025 21:21	WG2506146
1,1-Dichloroethane	ND		1.00	1	05/03/2025 21:21	WG2506146
1,2-Dichloroethane	ND		1.00	1	05/03/2025 21:21	WG2506146
1,1-Dichloroethene	ND		1.00	1	05/03/2025 21:21	WG2506146
cis-1,2-Dichloroethene	ND		1.00	1	05/03/2025 21:21	WG2506146
trans-1,2-Dichloroethene	ND		1.00	1	05/03/2025 21:21	WG2506146
1,2-Dichloropropane	ND		1.00	1	05/03/2025 21:21	WG2506146
1,1-Dichloropropene	ND		1.00	1	05/03/2025 21:21	WG2506146
1,3-Dichloropropane	ND		1.00	1	05/03/2025 21:21	WG2506146
cis-1,3-Dichloropropene	ND		1.00	1	05/03/2025 21:21	WG2506146
trans-1,3-Dichloropropene	ND		1.00	1	05/03/2025 21:21	WG2506146
2,2-Dichloropropane	ND		1.00	1	05/03/2025 21:21	WG2506146
Di-isopropyl ether	ND		1.00	1	05/03/2025 21:21	WG2506146
Ethylbenzene	ND		1.00	1	05/03/2025 21:21	WG2506146
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2025 21:21	WG2506146
Isopropylbenzene	ND		1.00	1	05/03/2025 21:21	WG2506146
p-Isopropyltoluene	ND		1.00	1	05/03/2025 21:21	WG2506146
2-Butanone (MEK)	ND		10.0	1	05/03/2025 21:21	WG2506146
Methylene Chloride	ND		5.00	1	05/03/2025 21:21	WG2506146
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/03/2025 21:21	WG2506146
Methyl tert-butyl ether	ND		1.00	1	05/03/2025 21:21	WG2506146
Naphthalene	ND		5.00	1	05/03/2025 21:21	WG2506146
n-Propylbenzene	ND		1.00	1	05/03/2025 21:21	WG2506146
Styrene	ND		1.00	1	05/03/2025 21:21	WG2506146
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/03/2025 21:21	WG2506146
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/03/2025 21:21	WG2506146
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/03/2025 21:21	WG2506146
Tetrachloroethene	ND		1.00	1	05/03/2025 21:21	WG2506146
Toluene	ND		1.00	1	05/03/2025 21:21	WG2506146
1,2,3-Trichlorobenzene	ND		1.00	1	05/03/2025 21:21	WG2506146
1,2,4-Trichlorobenzene	ND		1.00	1	05/03/2025 21:21	WG2506146

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	05/03/2025 21:21	WG2506146
1,1,2-Trichloroethane	ND		1.00	1	05/03/2025 21:21	WG2506146
Trichloroethene	ND		1.00	1	05/03/2025 21:21	WG2506146
Trichlorofluoromethane	ND		5.00	1	05/03/2025 21:21	WG2506146
1,2,3-Trichloropropane	ND		2.50	1	05/03/2025 21:21	WG2506146
1,2,4-Trimethylbenzene	ND		1.00	1	05/03/2025 21:21	WG2506146
1,2,3-Trimethylbenzene	ND		1.00	1	05/03/2025 21:21	WG2506146
1,3,5-Trimethylbenzene	ND		1.00	1	05/03/2025 21:21	WG2506146
Vinyl chloride	ND		1.00	1	05/03/2025 21:21	WG2506146
Xylenes, Total	ND		3.00	1	05/03/2025 21:21	WG2506146
(S) Toluene-d8	*99.7*		*80.0-120*		*05/03/2025 21:21*	WG2506146
(S) 4-Bromofluorobenzene	*97.8*		*77.0-126*		*05/03/2025 21:21*	WG2506146
(S) 1,2-Dichloroethane-d4	*109*		*70.0-130*		*05/03/2025 21:21*	WG2506146

Calculated Results

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Total Nitrogen	4310		250	1	05/05/2025 22:31	WG2506834

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Dissolved Solids	2770000		50000	1	05/04/2025 09:46	WG2506171

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Suspended Solids	20500		3850	1	05/03/2025 18:30	WG2506170

Wet Chemistry by Method 130.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Hardness (colorimetric) as CaCO3	1600000		150000	5	05/06/2025 12:55	WG2507268

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	497000		20000	1	05/03/2025 19:30	WG2506141

Sample Narrative:

L1854767-13 WG2506141: 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	05/03/2025 20:52	WG2506081
Chloride	98900		5000	5	05/03/2025 20:52	WG2506081
Fluoride	949		750	5	05/03/2025 20:52	WG2506081
Nitrate as (N)	2280		500	5	05/03/2025 20:52	WG2506081
Nitrite as (N)	ND		500	5	05/03/2025 20:52	WG2506081
Sulfate	1470000		250000	50	05/03/2025 21:04	WG2506081

Sample Narrative:

L1854767-13 WG2506081: 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	580		100	1	05/04/2025 18:51	WG2506698

Wet Chemistry by Method 351.2

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Kjeldahl Nitrogen, TKN	2030		250	1	05/05/2025 22:31	WG2506834

Wet Chemistry by Method 365.4

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Phosphorus,Total	211		100	1	05/05/2025 15:11	WG2507345

Wet Chemistry by Method 5310 B-2014

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	14200		1000	1	05/03/2025 18:07	WG2506119

Wet Chemistry by Method 5540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
MBAS	ND		100	1	05/03/2025 18:58	WG2505657

Wet Chemistry by Method 7199

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	05/04/2025 19:26	WG2506705

Wet Chemistry by Method 9040C

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.16	T8	1	05/03/2025 17:22	WG2506176

Sample Narrative:

L1854767-13 WG2506176: 8.16 at 19.5C

Mercury by Method 7470A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	05/03/2025 21:20	WG2506175

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Aluminum	509		100	1	05/04/2025 12:02	WG2506136
Aluminum,Dissolved	ND		100	1	05/04/2025 14:51	WG2506140
Antimony	ND		4.00	1	05/04/2025 12:02	WG2506136
Arsenic	ND		2.00	1	05/04/2025 12:02	WG2506136
Arsenic,Dissolved	ND		2.00	1	05/04/2025 14:51	WG2506140
Barium	36.1		2.00	1	05/04/2025 12:02	WG2506136
Beryllium	ND		2.00	1	05/04/2025 12:02	WG2506136
Boron	560		150	5	05/04/2025 17:12	WG2506136
Cadmium	ND		1.00	1	05/04/2025 12:02	WG2506136
Cadmium,Dissolved	ND		1.00	1	05/04/2025 14:51	WG2506140
Calcium	302000		1000	1	05/04/2025 12:02	WG2506136
Chromium	ND		2.00	1	05/04/2025 12:02	WG2506136
Chromium,Dissolved	ND		2.00	1	05/04/2025 14:51	WG2506140
Copper	ND		5.00	1	05/04/2025 12:02	WG2506136
Copper,Dissolved	ND		5.00	1	05/04/2025 14:51	WG2506140
Cobalt	ND		2.00	1	05/04/2025 12:02	WG2506136
Iron	795		100	1	05/04/2025 12:02	WG2506136
Lead	ND		2.00	1	05/04/2025 12:02	WG2506136
Lead,Dissolved	ND		2.00	1	05/04/2025 14:51	WG2506140
Magnesium	175000		1000	1	05/04/2025 12:02	WG2506136
Manganese	1430		25.0	5	05/04/2025 13:03	WG2506136
Manganese,Dissolved	826		25.0	5	05/04/2025 17:09	WG2506140
Nickel	6.55		2.00	1	05/04/2025 12:02	WG2506136
Nickel,Dissolved	4.69		2.00	1	05/04/2025 14:51	WG2506140
Potassium	9270		2000	1	05/04/2025 12:02	WG2506136
Selenium	3.09		2.00	1	05/04/2025 12:02	WG2506136

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Selenium,Dissolved	ND		2.00	1	05/04/2025 14:51	WG2506140
Silver	ND		2.00	1	05/04/2025 12:02	WG2506136
Silver,Dissolved	ND		2.00	1	05/04/2025 14:51	WG2506140
Sodium	303000		2000	1	05/04/2025 12:02	WG2506136
Thallium	ND		2.00	1	05/04/2025 12:02	WG2506136
Vanadium	ND		5.00	1	05/04/2025 12:02	WG2506136
Zinc	ND		25.0	1	05/04/2025 12:02	WG2506136
Zinc,Dissolved	ND		25.0	1	05/04/2025 14:51	WG2506140

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	05/03/2025 19:16	WG2506080
(S) a,a,a-Trifluorotoluene(FID)	*102*		*78.0-120*		*05/03/2025 19:16*	WG2506080

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	05/03/2025 19:29	WG2506164
Acrolein	ND		50.0	1	05/03/2025 19:29	WG2506164
Acrylonitrile	ND		10.0	1	05/03/2025 19:29	WG2506164
Benzene	ND		1.00	1	05/03/2025 19:29	WG2506164
Bromobenzene	ND		1.00	1	05/03/2025 19:29	WG2506164
Bromodichloromethane	ND		1.00	1	05/03/2025 19:29	WG2506164
Bromoform	ND		1.00	1	05/03/2025 19:29	WG2506164
Bromomethane	ND	J4	5.00	1	05/03/2025 19:29	WG2506164
n-Butylbenzene	ND		1.00	1	05/03/2025 19:29	WG2506164
sec-Butylbenzene	ND		1.00	1	05/03/2025 19:29	WG2506164
tert-Butylbenzene	ND		1.00	1	05/03/2025 19:29	WG2506164
Carbon tetrachloride	ND		1.00	1	05/03/2025 19:29	WG2506164
Chlorobenzene	ND		1.00	1	05/03/2025 19:29	WG2506164
Chlorodibromomethane	ND		1.00	1	05/03/2025 19:29	WG2506164
Chloroethane	ND		5.00	1	05/03/2025 19:29	WG2506164
Chloroform	ND		5.00	1	05/03/2025 19:29	WG2506164
Chloromethane	ND		2.50	1	05/03/2025 19:29	WG2506164
2-Chlorotoluene	ND		1.00	1	05/03/2025 19:29	WG2506164
4-Chlorotoluene	ND		1.00	1	05/03/2025 19:29	WG2506164
1,2-Dibromo-3-Chloropropane	ND	C3	5.00	1	05/03/2025 19:29	WG2506164
1,2-Dibromoethane	ND		1.00	1	05/03/2025 19:29	WG2506164
Dibromomethane	ND		1.00	1	05/03/2025 19:29	WG2506164
1,2-Dichlorobenzene	ND		1.00	1	05/03/2025 19:29	WG2506164
1,3-Dichlorobenzene	ND		1.00	1	05/03/2025 19:29	WG2506164
1,4-Dichlorobenzene	ND		1.00	1	05/03/2025 19:29	WG2506164
Dichlorodifluoromethane	ND		5.00	1	05/03/2025 19:29	WG2506164
1,1-Dichloroethane	ND		1.00	1	05/03/2025 19:29	WG2506164
1,2-Dichloroethane	ND		1.00	1	05/03/2025 19:29	WG2506164
1,1-Dichloroethene	ND		1.00	1	05/03/2025 19:29	WG2506164
cis-1,2-Dichloroethene	ND		1.00	1	05/03/2025 19:29	WG2506164
trans-1,2-Dichloroethene	ND		1.00	1	05/03/2025 19:29	WG2506164
1,2-Dichloropropane	ND		1.00	1	05/03/2025 19:29	WG2506164
1,1-Dichloropropene	ND		1.00	1	05/03/2025 19:29	WG2506164
1,3-Dichloropropane	ND		1.00	1	05/03/2025 19:29	WG2506164
cis-1,3-Dichloropropene	ND		1.00	1	05/03/2025 19:29	WG2506164
trans-1,3-Dichloropropene	ND		1.00	1	05/03/2025 19:29	WG2506164
2,2-Dichloropropane	ND	C3	1.00	1	05/03/2025 19:29	WG2506164

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	05/03/2025 19:29	WG2506164
Ethylbenzene	ND		1.00	1	05/03/2025 19:29	WG2506164
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2025 19:29	WG2506164
Isopropylbenzene	ND		1.00	1	05/03/2025 19:29	WG2506164
p-Isopropyltoluene	ND		1.00	1	05/03/2025 19:29	WG2506164
2-Butanone (MEK)	ND		10.0	1	05/03/2025 19:29	WG2506164
Methylene Chloride	ND		5.00	1	05/03/2025 19:29	WG2506164
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/03/2025 19:29	WG2506164
Methyl tert-butyl ether	ND		1.00	1	05/03/2025 19:29	WG2506164
Naphthalene	ND	C3 J4	5.00	1	05/03/2025 19:29	WG2506164
n-Propylbenzene	ND		1.00	1	05/03/2025 19:29	WG2506164
Styrene	ND		1.00	1	05/03/2025 19:29	WG2506164
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/03/2025 19:29	WG2506164
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/03/2025 19:29	WG2506164
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/03/2025 19:29	WG2506164
Tetrachloroethene	ND		1.00	1	05/03/2025 19:29	WG2506164
Toluene	ND		1.00	1	05/03/2025 19:29	WG2506164
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/03/2025 19:29	WG2506164
1,2,4-Trichlorobenzene	ND	C3	1.00	1	05/03/2025 19:29	WG2506164
1,1,1-Trichloroethane	ND		1.00	1	05/03/2025 19:29	WG2506164
1,1,2-Trichloroethane	ND		1.00	1	05/03/2025 19:29	WG2506164
Trichloroethene	ND		1.00	1	05/03/2025 19:29	WG2506164
Trichlorofluoromethane	ND		5.00	1	05/03/2025 19:29	WG2506164
1,2,3-Trichloropropane	ND		2.50	1	05/03/2025 19:29	WG2506164
1,2,4-Trimethylbenzene	ND		1.00	1	05/03/2025 19:29	WG2506164
1,2,3-Trimethylbenzene	ND		1.00	1	05/03/2025 19:29	WG2506164
1,3,5-Trimethylbenzene	ND		1.00	1	05/03/2025 19:29	WG2506164
Vinyl chloride	ND		1.00	1	05/03/2025 19:29	WG2506164
Xylenes, Total	ND		3.00	1	05/03/2025 19:29	WG2506164
(S) Toluene-d8	*100*		*80.0-120*		*05/03/2025 19:29*	WG2506164
(S) 4-Bromofluorobenzene	*94.9*		*77.0-126*		*05/03/2025 19:29*	WG2506164
(S) 1,2-Dichloroethane-d4	*99.9*		*70.0-130*		*05/03/2025 19:29*	WG2506164

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	05/03/2025 22:44	WG2506166
C28-C36 Motor Oil Range	192		100	1	05/03/2025 22:44	WG2506166
(S) o-Terphenyl	*140*		*52.0-156*		*05/03/2025 22:44*	WG2506166

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	05/04/2025 06:33	WG2506165
Acenaphthylene	ND		1.00	1	05/04/2025 06:33	WG2506165
Anthracene	ND		1.00	1	05/04/2025 06:33	WG2506165
Benzidine	ND	C7 J4	10.0	1	05/04/2025 06:33	WG2506165
Benzo(a)anthracene	ND		1.00	1	05/04/2025 06:33	WG2506165
Benzo(b)fluoranthene	ND		1.00	1	05/04/2025 06:33	WG2506165
Benzo(k)fluoranthene	ND		1.00	1	05/04/2025 06:33	WG2506165
Benzo(g,h,i)perylene	ND		1.00	1	05/04/2025 06:33	WG2506165
Benzo(a)pyrene	ND		1.00	1	05/04/2025 06:33	WG2506165
Bis(2-chlorethoxy)methane	ND		10.0	1	05/04/2025 06:33	WG2506165
Bis(2-chloroethyl)ether	ND		10.0	1	05/04/2025 06:33	WG2506165
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	05/04/2025 06:33	WG2506165

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	05/04/2025 06:33	WG2506165
2-Chloronaphthalene	ND		1.00	1	05/04/2025 06:33	WG2506165
4-Chlorophenyl-phenylether	ND		10.0	1	05/04/2025 06:33	WG2506165
Chrysene	ND		1.00	1	05/04/2025 06:33	WG2506165
Dibenz(a,h)anthracene	ND		1.00	1	05/04/2025 06:33	WG2506165
1,2-Dichlorobenzene	ND		10.0	1	05/04/2025 06:33	WG2506165
1,3-Dichlorobenzene	ND		10.0	1	05/04/2025 06:33	WG2506165
1,4-Dichlorobenzene	ND		10.0	1	05/04/2025 06:33	WG2506165
3,3-Dichlorobenzidine	ND		10.0	1	05/04/2025 06:33	WG2506165
2,4-Dinitrotoluene	ND		10.0	1	05/04/2025 06:33	WG2506165
2,6-Dinitrotoluene	ND		10.0	1	05/04/2025 06:33	WG2506165
Fluoranthene	ND		1.00	1	05/04/2025 06:33	WG2506165
Fluorene	ND		1.00	1	05/04/2025 06:33	WG2506165
Hexachlorobenzene	ND		1.00	1	05/04/2025 06:33	WG2506165
Hexachloro-1,3-butadiene	ND		10.0	1	05/04/2025 06:33	WG2506165
Hexachlorocyclopentadiene	ND	C7	10.0	1	05/04/2025 06:33	WG2506165
Hexachloroethane	ND		10.0	1	05/04/2025 06:33	WG2506165
Indeno(1,2,3-cd)pyrene	ND		1.00	1	05/04/2025 06:33	WG2506165
Isophorone	ND		10.0	1	05/04/2025 06:33	WG2506165
1-Methylnaphthalene	ND		1.00	1	05/04/2025 06:33	WG2506165
2-Methylnaphthalene	ND		1.00	1	05/04/2025 06:33	WG2506165
Naphthalene	ND		1.00	1	05/04/2025 06:33	WG2506165
Nitrobenzene	ND		10.0	1	05/04/2025 06:33	WG2506165
n-Nitrosodimethylamine	ND		10.0	1	05/04/2025 06:33	WG2506165
n-Nitrosodiphenylamine	ND		10.0	1	05/04/2025 06:33	WG2506165
n-Nitrosodi-n-propylamine	ND		10.0	1	05/04/2025 06:33	WG2506165
Phenanthrene	ND		1.00	1	05/04/2025 06:33	WG2506165
Benzylbutyl phthalate	ND		3.00	1	05/04/2025 06:33	WG2506165
Bis(2-ethylhexyl)phthalate	ND		3.00	1	05/04/2025 06:33	WG2506165
Di-n-butyl phthalate	ND		3.00	1	05/04/2025 06:33	WG2506165
Diethyl phthalate	ND		3.00	1	05/04/2025 06:33	WG2506165
Dimethyl phthalate	ND		3.00	1	05/04/2025 06:33	WG2506165
Di-n-octyl phthalate	ND		3.00	1	05/04/2025 06:33	WG2506165
Pyrene	ND		1.00	1	05/04/2025 06:33	WG2506165
1,2,4-Trichlorobenzene	ND		10.0	1	05/04/2025 06:33	WG2506165
4-Chloro-3-methylphenol	ND		10.0	1	05/04/2025 06:33	WG2506165
2-Chlorophenol	ND		10.0	1	05/04/2025 06:33	WG2506165
2,4-Dichlorophenol	ND		10.0	1	05/04/2025 06:33	WG2506165
2,4-Dimethylphenol	ND		10.0	1	05/04/2025 06:33	WG2506165
4,6-Dinitro-2-methylphenol	ND		10.0	1	05/04/2025 06:33	WG2506165
2,4-Dinitrophenol	ND		10.0	1	05/04/2025 06:33	WG2506165
2-Nitrophenol	ND		10.0	1	05/04/2025 06:33	WG2506165
4-Nitrophenol	ND		10.0	1	05/04/2025 06:33	WG2506165
Pentachlorophenol	ND		10.0	1	05/04/2025 06:33	WG2506165
Phenol	ND		10.0	1	05/04/2025 06:33	WG2506165
2,4,6-Trichlorophenol	ND		10.0	1	05/04/2025 06:33	WG2506165
(S) 2-Fluorophenol	*33.2*		*10.0-120*		*05/04/2025 06:33*	WG2506165
(S) Phenol-d5	*26.4*		*10.0-120*		*05/04/2025 06:33*	WG2506165
(S) Nitrobenzene-d5	*73.4*		*10.0-127*		*05/04/2025 06:33*	WG2506165
(S) 2-Fluorobiphenyl	*55.7*		*10.0-130*		*05/04/2025 06:33*	WG2506165
(S) 2,4,6-Tribromophenol	*56.8*		*10.0-155*		*05/04/2025 06:33*	WG2506165
(S) p-Terphenyl-d14	*46.6*		*10.0-128*		*05/04/2025 06:33*	WG2506165

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	05/03/2025 17:43	WG2506164
Acrolein	ND		50.0	1	05/03/2025 17:43	WG2506164
Acrylonitrile	ND		10.0	1	05/03/2025 17:43	WG2506164
Benzene	ND		1.00	1	05/03/2025 17:43	WG2506164
Bromobenzene	ND		1.00	1	05/03/2025 17:43	WG2506164
Bromodichloromethane	ND		1.00	1	05/03/2025 17:43	WG2506164
Bromoform	ND		1.00	1	05/03/2025 17:43	WG2506164
Bromomethane	ND	J4	5.00	1	05/03/2025 17:43	WG2506164
n-Butylbenzene	ND		1.00	1	05/03/2025 17:43	WG2506164
sec-Butylbenzene	ND		1.00	1	05/03/2025 17:43	WG2506164
tert-Butylbenzene	ND		1.00	1	05/03/2025 17:43	WG2506164
Carbon tetrachloride	ND		1.00	1	05/03/2025 17:43	WG2506164
Chlorobenzene	ND		1.00	1	05/03/2025 17:43	WG2506164
Chlorodibromomethane	ND		1.00	1	05/03/2025 17:43	WG2506164
Chloroethane	ND		5.00	1	05/03/2025 17:43	WG2506164
Chloroform	ND		5.00	1	05/03/2025 17:43	WG2506164
Chloromethane	ND		2.50	1	05/03/2025 17:43	WG2506164
2-Chlorotoluene	ND		1.00	1	05/03/2025 17:43	WG2506164
4-Chlorotoluene	ND		1.00	1	05/03/2025 17:43	WG2506164
1,2-Dibromo-3-Chloropropane	ND	C3	5.00	1	05/03/2025 17:43	WG2506164
1,2-Dibromoethane	ND		1.00	1	05/03/2025 17:43	WG2506164
Dibromomethane	ND		1.00	1	05/03/2025 17:43	WG2506164
1,2-Dichlorobenzene	ND		1.00	1	05/03/2025 17:43	WG2506164
1,3-Dichlorobenzene	ND		1.00	1	05/03/2025 17:43	WG2506164
1,4-Dichlorobenzene	ND		1.00	1	05/03/2025 17:43	WG2506164
Dichlorodifluoromethane	ND		5.00	1	05/03/2025 17:43	WG2506164
1,1-Dichloroethane	ND		1.00	1	05/03/2025 17:43	WG2506164
1,2-Dichloroethane	ND		1.00	1	05/03/2025 17:43	WG2506164
1,1-Dichloroethene	ND		1.00	1	05/03/2025 17:43	WG2506164
cis-1,2-Dichloroethene	ND		1.00	1	05/03/2025 17:43	WG2506164
trans-1,2-Dichloroethene	ND		1.00	1	05/03/2025 17:43	WG2506164
1,2-Dichloropropane	ND		1.00	1	05/03/2025 17:43	WG2506164
1,1-Dichloropropene	ND		1.00	1	05/03/2025 17:43	WG2506164
1,3-Dichloropropane	ND		1.00	1	05/03/2025 17:43	WG2506164
cis-1,3-Dichloropropene	ND		1.00	1	05/03/2025 17:43	WG2506164
trans-1,3-Dichloropropene	ND		1.00	1	05/03/2025 17:43	WG2506164
2,2-Dichloropropane	ND	C3	1.00	1	05/03/2025 17:43	WG2506164
Di-isopropyl ether	ND		1.00	1	05/03/2025 17:43	WG2506164
Ethylbenzene	ND		1.00	1	05/03/2025 17:43	WG2506164
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2025 17:43	WG2506164
Isopropylbenzene	ND		1.00	1	05/03/2025 17:43	WG2506164
p-Isopropyltoluene	ND		1.00	1	05/03/2025 17:43	WG2506164
2-Butanone (MEK)	ND		10.0	1	05/03/2025 17:43	WG2506164
Methylene Chloride	ND		5.00	1	05/03/2025 17:43	WG2506164
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/03/2025 17:43	WG2506164
Methyl tert-butyl ether	ND		1.00	1	05/03/2025 17:43	WG2506164
Naphthalene	ND	C3 J4	5.00	1	05/03/2025 17:43	WG2506164
n-Propylbenzene	ND		1.00	1	05/03/2025 17:43	WG2506164
Styrene	ND		1.00	1	05/03/2025 17:43	WG2506164
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/03/2025 17:43	WG2506164
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/03/2025 17:43	WG2506164
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/03/2025 17:43	WG2506164
Tetrachloroethene	ND		1.00	1	05/03/2025 17:43	WG2506164
Toluene	ND		1.00	1	05/03/2025 17:43	WG2506164
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/03/2025 17:43	WG2506164
1,2,4-Trichlorobenzene	ND	C3	1.00	1	05/03/2025 17:43	WG2506164

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	05/03/2025 17:43	WG2506164
1,1,2-Trichloroethane	ND		1.00	1	05/03/2025 17:43	WG2506164
Trichloroethene	ND		1.00	1	05/03/2025 17:43	WG2506164
Trichlorofluoromethane	ND		5.00	1	05/03/2025 17:43	WG2506164
1,2,3-Trichloropropane	ND		2.50	1	05/03/2025 17:43	WG2506164
1,2,4-Trimethylbenzene	ND		1.00	1	05/03/2025 17:43	WG2506164
1,2,3-Trimethylbenzene	ND		1.00	1	05/03/2025 17:43	WG2506164
1,3,5-Trimethylbenzene	ND		1.00	1	05/03/2025 17:43	WG2506164
Vinyl chloride	ND		1.00	1	05/03/2025 17:43	WG2506164
Xylenes, Total	ND		3.00	1	05/03/2025 17:43	WG2506164
(S) Toluene-d8	*98.4*		*80.0-120*		*05/03/2025 17:43*	WG2506164
(S) 4-Bromofluorobenzene	*96.3*		*77.0-126*		*05/03/2025 17:43*	WG2506164
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*05/03/2025 17:43*	WG2506164

Calculated Results

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Total Nitrogen	8410		250	1	05/05/2025 22:33	WG2506834

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Dissolved Solids	2760000		50000	1	05/04/2025 09:46	WG2506171

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Suspended Solids	9000		2500	1	05/03/2025 18:30	WG2506170

Wet Chemistry by Method 130.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Hardness (colorimetric) as CaCO3	1450000		150000	5	05/06/2025 12:57	WG2507268

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	511000		20000	1	05/03/2025 19:37	WG2506141

Sample Narrative:

L1854767-15 WG2506141: 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	05/03/2025 21:17	WG2506081
Chloride	87000		5000	5	05/03/2025 21:17	WG2506081
Fluoride	1410		750	5	05/03/2025 21:17	WG2506081
Nitrate as (N)	6500		500	5	05/03/2025 21:17	WG2506081
Nitrite as (N)	ND		500	5	05/03/2025 21:17	WG2506081
Sulfate	1310000		250000	50	05/03/2025 21:29	WG2506081

Sample Narrative:

L1854767-15 WG2506081: 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	396		100	1	05/04/2025 18:53	WG2506698

Wet Chemistry by Method 351.2

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Kjeldahl Nitrogen, TKN	1910		250	1	05/05/2025 22:33	WG2506834

Wet Chemistry by Method 365.4

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Phosphorus,Total	316		100	1	05/05/2025 15:12	WG2507345

Wet Chemistry by Method 5310 B-2014

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	11700		1000	1	05/03/2025 18:22	WG2506119

Wet Chemistry by Method 5540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
MBAS	ND		100	1	05/03/2025 18:58	WG2505657

Wet Chemistry by Method 7199

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	05/04/2025 19:55	WG2506705

Wet Chemistry by Method 9040C

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.99	T8	1	05/03/2025 17:22	WG2506176

Sample Narrative:

L1854767-15 WG2506176: 7.99 at 19.4C

Mercury by Method 7470A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	05/03/2025 21:23	WG2506175

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Aluminum	ND		100	1	05/04/2025 12:06	WG2506136
Aluminum,Dissolved	ND		100	1	05/04/2025 14:54	WG2506140
Antimony	ND		4.00	1	05/04/2025 12:06	WG2506136
Arsenic	ND		2.00	1	05/04/2025 12:06	WG2506136
Arsenic,Dissolved	ND		2.00	1	05/04/2025 14:54	WG2506140
Barium	34.1		2.00	1	05/04/2025 12:06	WG2506136
Beryllium	ND		2.00	1	05/04/2025 12:06	WG2506136
Boron	401		150	5	05/04/2025 17:16	WG2506136
Cadmium	ND		1.00	1	05/04/2025 12:06	WG2506136
Cadmium,Dissolved	ND		1.00	1	05/04/2025 14:54	WG2506140
Calcium	280000		1000	1	05/04/2025 12:06	WG2506136
Chromium	ND		2.00	1	05/04/2025 12:06	WG2506136
Chromium,Dissolved	ND		2.00	1	05/04/2025 14:54	WG2506140
Copper	ND		5.00	1	05/04/2025 12:06	WG2506136
Copper,Dissolved	ND		5.00	1	05/04/2025 14:54	WG2506140
Cobalt	ND		2.00	1	05/04/2025 12:06	WG2506136
Iron	101		100	1	05/04/2025 12:06	WG2506136
Lead	ND		2.00	1	05/04/2025 12:06	WG2506136
Lead,Dissolved	ND		2.00	1	05/04/2025 14:54	WG2506140
Magnesium	173000		1000	1	05/04/2025 12:06	WG2506136
Manganese	2470		50.0	10	05/04/2025 13:06	WG2506136
Manganese,Dissolved	2420		50.0	10	05/04/2025 17:13	WG2506140
Nickel	2.55		2.00	1	05/04/2025 12:06	WG2506136
Nickel,Dissolved	2.46		2.00	1	05/04/2025 14:54	WG2506140
Potassium	6720		2000	1	05/04/2025 12:06	WG2506136
Selenium	11.5		2.00	1	05/04/2025 12:06	WG2506136

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Selenium,Dissolved	10.3		2.00	1	05/04/2025 14:54	WG2506140
Silver	ND		2.00	1	05/04/2025 12:06	WG2506136
Silver,Dissolved	ND		2.00	1	05/04/2025 14:54	WG2506140
Sodium	300000		2000	1	05/04/2025 12:06	WG2506136
Thallium	ND		2.00	1	05/04/2025 12:06	WG2506136
Vanadium	ND		5.00	1	05/04/2025 12:06	WG2506136
Zinc	ND		25.0	1	05/04/2025 12:06	WG2506136
Zinc,Dissolved	ND		25.0	1	05/04/2025 14:54	WG2506140

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	05/03/2025 19:37	WG2506080
(S) a,a,a-Trifluorotoluene(FID)	*101*		*78.0-120*		*05/03/2025 19:37*	WG2506080

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	05/03/2025 19:50	WG2506164
Acrolein	ND		50.0	1	05/03/2025 19:50	WG2506164
Acrylonitrile	ND		10.0	1	05/03/2025 19:50	WG2506164
Benzene	ND		1.00	1	05/03/2025 19:50	WG2506164
Bromobenzene	ND		1.00	1	05/03/2025 19:50	WG2506164
Bromodichloromethane	ND		1.00	1	05/03/2025 19:50	WG2506164
Bromoform	ND		1.00	1	05/03/2025 19:50	WG2506164
Bromomethane	ND	J4	5.00	1	05/03/2025 19:50	WG2506164
n-Butylbenzene	ND		1.00	1	05/03/2025 19:50	WG2506164
sec-Butylbenzene	ND		1.00	1	05/03/2025 19:50	WG2506164
tert-Butylbenzene	ND		1.00	1	05/03/2025 19:50	WG2506164
Carbon tetrachloride	ND		1.00	1	05/03/2025 19:50	WG2506164
Chlorobenzene	ND		1.00	1	05/03/2025 19:50	WG2506164
Chlorodibromomethane	ND		1.00	1	05/03/2025 19:50	WG2506164
Chloroethane	ND		5.00	1	05/03/2025 19:50	WG2506164
Chloroform	ND		5.00	1	05/03/2025 19:50	WG2506164
Chloromethane	ND		2.50	1	05/03/2025 19:50	WG2506164
2-Chlorotoluene	ND		1.00	1	05/03/2025 19:50	WG2506164
4-Chlorotoluene	ND		1.00	1	05/03/2025 19:50	WG2506164
1,2-Dibromo-3-Chloropropane	ND	C3	5.00	1	05/03/2025 19:50	WG2506164
1,2-Dibromoethane	ND		1.00	1	05/03/2025 19:50	WG2506164
Dibromomethane	ND		1.00	1	05/03/2025 19:50	WG2506164
1,2-Dichlorobenzene	ND		1.00	1	05/03/2025 19:50	WG2506164
1,3-Dichlorobenzene	ND		1.00	1	05/03/2025 19:50	WG2506164
1,4-Dichlorobenzene	ND		1.00	1	05/03/2025 19:50	WG2506164
Dichlorodifluoromethane	ND		5.00	1	05/03/2025 19:50	WG2506164
1,1-Dichloroethane	ND		1.00	1	05/03/2025 19:50	WG2506164
1,2-Dichloroethane	ND		1.00	1	05/03/2025 19:50	WG2506164
1,1-Dichloroethene	ND		1.00	1	05/03/2025 19:50	WG2506164
cis-1,2-Dichloroethene	ND		1.00	1	05/03/2025 19:50	WG2506164
trans-1,2-Dichloroethene	ND		1.00	1	05/03/2025 19:50	WG2506164
1,2-Dichloropropane	ND		1.00	1	05/03/2025 19:50	WG2506164
1,1-Dichloropropene	ND		1.00	1	05/03/2025 19:50	WG2506164
1,3-Dichloropropane	ND		1.00	1	05/03/2025 19:50	WG2506164
cis-1,3-Dichloropropene	ND		1.00	1	05/03/2025 19:50	WG2506164
trans-1,3-Dichloropropene	ND		1.00	1	05/03/2025 19:50	WG2506164
2,2-Dichloropropane	ND	C3	1.00	1	05/03/2025 19:50	WG2506164

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	05/03/2025 19:50	WG2506164
Ethylbenzene	ND		1.00	1	05/03/2025 19:50	WG2506164
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2025 19:50	WG2506164
Isopropylbenzene	ND		1.00	1	05/03/2025 19:50	WG2506164
p-Isopropyltoluene	ND		1.00	1	05/03/2025 19:50	WG2506164
2-Butanone (MEK)	ND		10.0	1	05/03/2025 19:50	WG2506164
Methylene Chloride	ND		5.00	1	05/03/2025 19:50	WG2506164
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/03/2025 19:50	WG2506164
Methyl tert-butyl ether	ND		1.00	1	05/03/2025 19:50	WG2506164
Naphthalene	ND	C3 J4	5.00	1	05/03/2025 19:50	WG2506164
n-Propylbenzene	ND		1.00	1	05/03/2025 19:50	WG2506164
Styrene	ND		1.00	1	05/03/2025 19:50	WG2506164
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/03/2025 19:50	WG2506164
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/03/2025 19:50	WG2506164
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/03/2025 19:50	WG2506164
Tetrachloroethene	ND		1.00	1	05/03/2025 19:50	WG2506164
Toluene	ND		1.00	1	05/03/2025 19:50	WG2506164
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/03/2025 19:50	WG2506164
1,2,4-Trichlorobenzene	ND	C3	1.00	1	05/03/2025 19:50	WG2506164
1,1,1-Trichloroethane	ND		1.00	1	05/03/2025 19:50	WG2506164
1,1,2-Trichloroethane	ND		1.00	1	05/03/2025 19:50	WG2506164
Trichloroethene	ND		1.00	1	05/03/2025 19:50	WG2506164
Trichlorofluoromethane	ND		5.00	1	05/03/2025 19:50	WG2506164
1,2,3-Trichloropropane	ND		2.50	1	05/03/2025 19:50	WG2506164
1,2,4-Trimethylbenzene	ND		1.00	1	05/03/2025 19:50	WG2506164
1,2,3-Trimethylbenzene	ND		1.00	1	05/03/2025 19:50	WG2506164
1,3,5-Trimethylbenzene	ND		1.00	1	05/03/2025 19:50	WG2506164
Vinyl chloride	ND		1.00	1	05/03/2025 19:50	WG2506164
Xylenes, Total	ND		3.00	1	05/03/2025 19:50	WG2506164
(S) Toluene-d8	*101*		*80.0-120*		*05/03/2025 19:50*	WG2506164
(S) 4-Bromofluorobenzene	*96.6*		*77.0-126*		*05/03/2025 19:50*	WG2506164
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*05/03/2025 19:50*	WG2506164

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	05/03/2025 23:04	WG2506166
C28-C36 Motor Oil Range	152		100	1	05/03/2025 23:04	WG2506166
(S) o-Terphenyl	*138*		*52.0-156*		*05/03/2025 23:04*	WG2506166

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	05/04/2025 06:55	WG2506165
Acenaphthylene	ND		1.02	1.02	05/04/2025 06:55	WG2506165
Anthracene	ND		1.02	1.02	05/04/2025 06:55	WG2506165
Benzidine	ND	C7 J4	10.2	1.02	05/04/2025 06:55	WG2506165
Benzo(a)anthracene	ND		1.02	1.02	05/04/2025 06:55	WG2506165
Benzo(b)fluoranthene	ND		1.02	1.02	05/04/2025 06:55	WG2506165
Benzo(k)fluoranthene	ND		1.02	1.02	05/04/2025 06:55	WG2506165
Benzo(g,h,i)perylene	ND		1.02	1.02	05/04/2025 06:55	WG2506165
Benzo(a)pyrene	ND		1.02	1.02	05/04/2025 06:55	WG2506165
Bis(2-chlorethoxy)methane	ND		10.2	1.02	05/04/2025 06:55	WG2506165
Bis(2-chloroethyl)ether	ND		10.2	1.02	05/04/2025 06:55	WG2506165
2,2-Oxybis(1-Chloropropane)	ND		10.2	1.02	05/04/2025 06:55	WG2506165

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	05/04/2025 06:55	WG2506165
2-Chloronaphthalene	ND		1.02	1.02	05/04/2025 06:55	WG2506165
4-Chlorophenyl-phenylether	ND		10.2	1.02	05/04/2025 06:55	WG2506165
Chrysene	ND		1.02	1.02	05/04/2025 06:55	WG2506165
Dibenz(a,h)anthracene	ND		1.02	1.02	05/04/2025 06:55	WG2506165
1,2-Dichlorobenzene	ND		10.2	1.02	05/04/2025 06:55	WG2506165
1,3-Dichlorobenzene	ND		10.2	1.02	05/04/2025 06:55	WG2506165
1,4-Dichlorobenzene	ND		10.2	1.02	05/04/2025 06:55	WG2506165
3,3-Dichlorobenzidine	ND		10.2	1.02	05/04/2025 06:55	WG2506165
2,4-Dinitrotoluene	ND		10.2	1.02	05/04/2025 06:55	WG2506165
2,6-Dinitrotoluene	ND		10.2	1.02	05/04/2025 06:55	WG2506165
Fluoranthene	ND		1.02	1.02	05/04/2025 06:55	WG2506165
Fluorene	ND		1.02	1.02	05/04/2025 06:55	WG2506165
Hexachlorobenzene	ND		1.02	1.02	05/04/2025 06:55	WG2506165
Hexachloro-1,3-butadiene	ND		10.2	1.02	05/04/2025 06:55	WG2506165
Hexachlorocyclopentadiene	ND	C7	10.2	1.02	05/04/2025 06:55	WG2506165
Hexachloroethane	ND		10.2	1.02	05/04/2025 06:55	WG2506165
Indeno(1,2,3-cd)pyrene	ND		1.02	1.02	05/04/2025 06:55	WG2506165
Isophorone	ND		10.2	1.02	05/04/2025 06:55	WG2506165
1-Methylnaphthalene	ND		1.02	1.02	05/04/2025 06:55	WG2506165
2-Methylnaphthalene	ND		1.02	1.02	05/04/2025 06:55	WG2506165
Naphthalene	ND		1.02	1.02	05/04/2025 06:55	WG2506165
Nitrobenzene	ND		10.2	1.02	05/04/2025 06:55	WG2506165
n-Nitrosodimethylamine	ND		10.2	1.02	05/04/2025 06:55	WG2506165
n-Nitrosodiphenylamine	ND		10.2	1.02	05/04/2025 06:55	WG2506165
n-Nitrosodi-n-propylamine	ND		10.2	1.02	05/04/2025 06:55	WG2506165
Phenanthrene	ND		1.02	1.02	05/04/2025 06:55	WG2506165
Benzylbutyl phthalate	ND		3.06	1.02	05/04/2025 06:55	WG2506165
Bis(2-ethylhexyl)phthalate	ND		3.06	1.02	05/04/2025 06:55	WG2506165
Di-n-butyl phthalate	ND		3.06	1.02	05/04/2025 06:55	WG2506165
Diethyl phthalate	ND		3.06	1.02	05/04/2025 06:55	WG2506165
Dimethyl phthalate	ND		3.06	1.02	05/04/2025 06:55	WG2506165
Di-n-octyl phthalate	ND		3.06	1.02	05/04/2025 06:55	WG2506165
Pyrene	ND		1.02	1.02	05/04/2025 06:55	WG2506165
1,2,4-Trichlorobenzene	ND		10.2	1.02	05/04/2025 06:55	WG2506165
4-Chloro-3-methylphenol	ND		10.2	1.02	05/04/2025 06:55	WG2506165
2-Chlorophenol	ND		10.2	1.02	05/04/2025 06:55	WG2506165
2,4-Dichlorophenol	ND		10.2	1.02	05/04/2025 06:55	WG2506165
2,4-Dimethylphenol	ND		10.2	1.02	05/04/2025 06:55	WG2506165
4,6-Dinitro-2-methylphenol	ND		10.2	1.02	05/04/2025 06:55	WG2506165
2,4-Dinitrophenol	ND		10.2	1.02	05/04/2025 06:55	WG2506165
2-Nitrophenol	ND		10.2	1.02	05/04/2025 06:55	WG2506165
4-Nitrophenol	ND		10.2	1.02	05/04/2025 06:55	WG2506165
Pentachlorophenol	ND		10.2	1.02	05/04/2025 06:55	WG2506165
Phenol	ND		10.2	1.02	05/04/2025 06:55	WG2506165
2,4,6-Trichlorophenol	ND		10.2	1.02	05/04/2025 06:55	WG2506165
(S) 2-Fluorophenol	*37.1*		*10.0-120*		*05/04/2025 06:55*	WG2506165
(S) Phenol-d5	*28.9*		*10.0-120*		*05/04/2025 06:55*	WG2506165
(S) Nitrobenzene-d5	*71.2*		*10.0-127*		*05/04/2025 06:55*	WG2506165
(S) 2-Fluorobiphenyl	*59.6*		*10.0-130*		*05/04/2025 06:55*	WG2506165
(S) 2,4,6-Tribromophenol	*71.1*		*10.0-155*		*05/04/2025 06:55*	WG2506165
(S) p-Terphenyl-d14	*62.2*		*10.0-128*		*05/04/2025 06:55*	WG2506165

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	05/03/2025 18:04	WG2506164
Acrolein	ND		50.0	1	05/03/2025 18:04	WG2506164
Acrylonitrile	ND		10.0	1	05/03/2025 18:04	WG2506164
Benzene	ND		1.00	1	05/03/2025 18:04	WG2506164
Bromobenzene	ND		1.00	1	05/03/2025 18:04	WG2506164
Bromodichloromethane	ND		1.00	1	05/03/2025 18:04	WG2506164
Bromoform	ND		1.00	1	05/03/2025 18:04	WG2506164
Bromomethane	ND	J4	5.00	1	05/03/2025 18:04	WG2506164
n-Butylbenzene	ND		1.00	1	05/03/2025 18:04	WG2506164
sec-Butylbenzene	ND		1.00	1	05/03/2025 18:04	WG2506164
tert-Butylbenzene	ND		1.00	1	05/03/2025 18:04	WG2506164
Carbon tetrachloride	ND		1.00	1	05/03/2025 18:04	WG2506164
Chlorobenzene	ND		1.00	1	05/03/2025 18:04	WG2506164
Chlorodibromomethane	ND		1.00	1	05/03/2025 18:04	WG2506164
Chloroethane	ND		5.00	1	05/03/2025 18:04	WG2506164
Chloroform	ND		5.00	1	05/03/2025 18:04	WG2506164
Chloromethane	ND		2.50	1	05/03/2025 18:04	WG2506164
2-Chlorotoluene	ND		1.00	1	05/03/2025 18:04	WG2506164
4-Chlorotoluene	ND		1.00	1	05/03/2025 18:04	WG2506164
1,2-Dibromo-3-Chloropropane	ND	C3	5.00	1	05/03/2025 18:04	WG2506164
1,2-Dibromoethane	ND		1.00	1	05/03/2025 18:04	WG2506164
Dibromomethane	ND		1.00	1	05/03/2025 18:04	WG2506164
1,2-Dichlorobenzene	ND		1.00	1	05/03/2025 18:04	WG2506164
1,3-Dichlorobenzene	ND		1.00	1	05/03/2025 18:04	WG2506164
1,4-Dichlorobenzene	ND		1.00	1	05/03/2025 18:04	WG2506164
Dichlorodifluoromethane	ND		5.00	1	05/03/2025 18:04	WG2506164
1,1-Dichloroethane	ND		1.00	1	05/03/2025 18:04	WG2506164
1,2-Dichloroethane	ND		1.00	1	05/03/2025 18:04	WG2506164
1,1-Dichloroethene	ND		1.00	1	05/03/2025 18:04	WG2506164
cis-1,2-Dichloroethene	ND		1.00	1	05/03/2025 18:04	WG2506164
trans-1,2-Dichloroethene	ND		1.00	1	05/03/2025 18:04	WG2506164
1,2-Dichloropropane	ND		1.00	1	05/03/2025 18:04	WG2506164
1,1-Dichloropropene	ND		1.00	1	05/03/2025 18:04	WG2506164
1,3-Dichloropropane	ND		1.00	1	05/03/2025 18:04	WG2506164
cis-1,3-Dichloropropene	ND		1.00	1	05/03/2025 18:04	WG2506164
trans-1,3-Dichloropropene	ND		1.00	1	05/03/2025 18:04	WG2506164
2,2-Dichloropropane	ND	C3	1.00	1	05/03/2025 18:04	WG2506164
Di-isopropyl ether	ND		1.00	1	05/03/2025 18:04	WG2506164
Ethylbenzene	ND		1.00	1	05/03/2025 18:04	WG2506164
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2025 18:04	WG2506164
Isopropylbenzene	ND		1.00	1	05/03/2025 18:04	WG2506164
p-Isopropyltoluene	ND		1.00	1	05/03/2025 18:04	WG2506164
2-Butanone (MEK)	ND		10.0	1	05/03/2025 18:04	WG2506164
Methylene Chloride	ND		5.00	1	05/03/2025 18:04	WG2506164
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/03/2025 18:04	WG2506164
Methyl tert-butyl ether	ND		1.00	1	05/03/2025 18:04	WG2506164
Naphthalene	ND	C3 J4	5.00	1	05/03/2025 18:04	WG2506164
n-Propylbenzene	ND		1.00	1	05/03/2025 18:04	WG2506164
Styrene	ND		1.00	1	05/03/2025 18:04	WG2506164
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/03/2025 18:04	WG2506164
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/03/2025 18:04	WG2506164
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/03/2025 18:04	WG2506164
Tetrachloroethene	ND		1.00	1	05/03/2025 18:04	WG2506164
Toluene	ND		1.00	1	05/03/2025 18:04	WG2506164
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/03/2025 18:04	WG2506164
1,2,4-Trichlorobenzene	ND	C3	1.00	1	05/03/2025 18:04	WG2506164

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	05/03/2025 18:04	WG2506164
1,1,2-Trichloroethane	ND		1.00	1	05/03/2025 18:04	WG2506164
Trichloroethene	ND		1.00	1	05/03/2025 18:04	WG2506164
Trichlorofluoromethane	ND		5.00	1	05/03/2025 18:04	WG2506164
1,2,3-Trichloropropane	ND		2.50	1	05/03/2025 18:04	WG2506164
1,2,4-Trimethylbenzene	ND		1.00	1	05/03/2025 18:04	WG2506164
1,2,3-Trimethylbenzene	ND		1.00	1	05/03/2025 18:04	WG2506164
1,3,5-Trimethylbenzene	ND		1.00	1	05/03/2025 18:04	WG2506164
Vinyl chloride	ND		1.00	1	05/03/2025 18:04	WG2506164
Xylenes, Total	ND		3.00	1	05/03/2025 18:04	WG2506164
(S) Toluene-d8	*99.3*		*80.0-120*		*05/03/2025 18:04*	WG2506164
(S) 4-Bromofluorobenzene	*94.8*		*77.0-126*		*05/03/2025 18:04*	WG2506164
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*05/03/2025 18:04*	WG2506164

Calculated Results

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Total Nitrogen	7920		250	1	05/05/2025 22:33	WG2506834

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Dissolved Solids	2760000		50000	1	05/04/2025 09:46	WG2506171

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Suspended Solids	9800		2500	1	05/03/2025 18:30	WG2506170

Wet Chemistry by Method 130.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Hardness (colorimetric) as CaCO3	1470000		150000	5	05/06/2025 13:01	WG2507268

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	510000		20000	1	05/03/2025 20:21	WG2506141

Sample Narrative:

L1854767-17 WG2506141: 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	05/03/2025 21:42	WG2506081
Chloride	86900		5000	5	05/03/2025 21:42	WG2506081
Fluoride	1350		750	5	05/03/2025 21:42	WG2506081
Nitrate as (N)	6270		500	5	05/03/2025 21:42	WG2506081
Nitrite as (N)	ND		500	5	05/03/2025 21:42	WG2506081
Sulfate	1330000		250000	50	05/03/2025 21:55	WG2506081

Sample Narrative:

L1854767-17 WG2506081: 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	381		100	1	05/04/2025 18:54	WG2506698

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	05/05/2025 22:33	WG2506834

Wet Chemistry by Method 365.4

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Phosphorus,Total	249		100	1	05/05/2025 15:14	WG2507345

Wet Chemistry by Method 5310 B-2014

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	11500		1000	1	05/03/2025 21:56	WG2506119

Wet Chemistry by Method 5540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
MBAS	ND		100	1	05/03/2025 19:07	WG2505657

Wet Chemistry by Method 7199

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	05/04/2025 20:05	WG2506705

Wet Chemistry by Method 9040C

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.95	T8	1	05/03/2025 17:22	WG2506176

Sample Narrative:

L1854767-17 WG2506176: 7.95 at 19.5C

Mercury by Method 7470A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	05/03/2025 21:25	WG2506175

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Aluminum	ND		100	1	05/04/2025 12:09	WG2506136
Aluminum,Dissolved	ND		100	1	05/04/2025 14:58	WG2506140
Antimony	ND		4.00	1	05/04/2025 12:09	WG2506136
Arsenic	ND		2.00	1	05/04/2025 12:09	WG2506136
Arsenic,Dissolved	ND		2.00	1	05/04/2025 14:58	WG2506140
Barium	33.2		2.00	1	05/04/2025 12:09	WG2506136
Beryllium	ND		2.00	1	05/04/2025 12:09	WG2506136
Boron	457		150	5	05/04/2025 17:19	WG2506136
Cadmium	ND		1.00	1	05/04/2025 12:09	WG2506136
Cadmium,Dissolved	ND		1.00	1	05/04/2025 14:58	WG2506140
Calcium	280000		1000	1	05/04/2025 12:09	WG2506136
Chromium	ND		2.00	1	05/04/2025 12:09	WG2506136
Chromium,Dissolved	ND		2.00	1	05/04/2025 14:58	WG2506140
Copper	ND		5.00	1	05/04/2025 12:09	WG2506136
Copper,Dissolved	ND		5.00	1	05/04/2025 14:58	WG2506140
Cobalt	ND		2.00	1	05/04/2025 12:09	WG2506136
Iron	ND		100	1	05/04/2025 12:09	WG2506136
Lead	ND		2.00	1	05/04/2025 12:09	WG2506136
Lead,Dissolved	ND		2.00	1	05/04/2025 14:58	WG2506140
Magnesium	172000		1000	1	05/04/2025 12:09	WG2506136
Manganese	2490		50.0	10	05/04/2025 13:17	WG2506136
Manganese,Dissolved	2470		50.0	10	05/04/2025 17:16	WG2506140
Nickel	2.58		2.00	1	05/04/2025 12:09	WG2506136
Nickel,Dissolved	2.51		2.00	1	05/04/2025 14:58	WG2506140
Potassium	6730		2000	1	05/04/2025 12:09	WG2506136
Selenium	11.4		2.00	1	05/04/2025 12:09	WG2506136

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Selenium,Dissolved	10.6		2.00	1	05/04/2025 14:58	WG2506140
Silver	ND		2.00	1	05/04/2025 12:09	WG2506136
Silver,Dissolved	ND		2.00	1	05/04/2025 14:58	WG2506140
Sodium	302000		2000	1	05/04/2025 12:09	WG2506136
Thallium	ND		2.00	1	05/04/2025 12:09	WG2506136
Vanadium	ND		5.00	1	05/04/2025 12:09	WG2506136
Zinc	ND		25.0	1	05/04/2025 12:09	WG2506136
Zinc,Dissolved	ND		25.0	1	05/04/2025 14:58	WG2506140

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	05/03/2025 19:57	WG2506080
(S) a,a,a-Trifluorotoluene(FID)	*102*		*78.0-120*		*05/03/2025 19:57*	WG2506080

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	05/03/2025 20:11	WG2506164
Acrolein	ND		50.0	1	05/03/2025 20:11	WG2506164
Acrylonitrile	ND		10.0	1	05/03/2025 20:11	WG2506164
Benzene	ND		1.00	1	05/03/2025 20:11	WG2506164
Bromobenzene	ND		1.00	1	05/03/2025 20:11	WG2506164
Bromodichloromethane	ND		1.00	1	05/03/2025 20:11	WG2506164
Bromoform	ND		1.00	1	05/03/2025 20:11	WG2506164
Bromomethane	ND	J4	5.00	1	05/03/2025 20:11	WG2506164
n-Butylbenzene	ND		1.00	1	05/03/2025 20:11	WG2506164
sec-Butylbenzene	ND		1.00	1	05/03/2025 20:11	WG2506164
tert-Butylbenzene	ND		1.00	1	05/03/2025 20:11	WG2506164
Carbon tetrachloride	ND		1.00	1	05/03/2025 20:11	WG2506164
Chlorobenzene	ND		1.00	1	05/03/2025 20:11	WG2506164
Chlorodibromomethane	ND		1.00	1	05/03/2025 20:11	WG2506164
Chloroethane	ND		5.00	1	05/03/2025 20:11	WG2506164
Chloroform	ND		5.00	1	05/03/2025 20:11	WG2506164
Chloromethane	ND		2.50	1	05/03/2025 20:11	WG2506164
2-Chlorotoluene	ND		1.00	1	05/03/2025 20:11	WG2506164
4-Chlorotoluene	ND		1.00	1	05/03/2025 20:11	WG2506164
1,2-Dibromo-3-Chloropropane	ND	C3	5.00	1	05/03/2025 20:11	WG2506164
1,2-Dibromoethane	ND		1.00	1	05/03/2025 20:11	WG2506164
Dibromomethane	ND		1.00	1	05/03/2025 20:11	WG2506164
1,2-Dichlorobenzene	ND		1.00	1	05/03/2025 20:11	WG2506164
1,3-Dichlorobenzene	ND		1.00	1	05/03/2025 20:11	WG2506164
1,4-Dichlorobenzene	ND		1.00	1	05/03/2025 20:11	WG2506164
Dichlorodifluoromethane	ND		5.00	1	05/03/2025 20:11	WG2506164
1,1-Dichloroethane	ND		1.00	1	05/03/2025 20:11	WG2506164
1,2-Dichloroethane	ND		1.00	1	05/03/2025 20:11	WG2506164
1,1-Dichloroethene	ND		1.00	1	05/03/2025 20:11	WG2506164
cis-1,2-Dichloroethene	ND		1.00	1	05/03/2025 20:11	WG2506164
trans-1,2-Dichloroethene	ND		1.00	1	05/03/2025 20:11	WG2506164
1,2-Dichloropropane	ND		1.00	1	05/03/2025 20:11	WG2506164
1,1-Dichloropropene	ND		1.00	1	05/03/2025 20:11	WG2506164
1,3-Dichloropropane	ND		1.00	1	05/03/2025 20:11	WG2506164
cis-1,3-Dichloropropene	ND		1.00	1	05/03/2025 20:11	WG2506164
trans-1,3-Dichloropropene	ND		1.00	1	05/03/2025 20:11	WG2506164
2,2-Dichloropropane	ND	C3	1.00	1	05/03/2025 20:11	WG2506164

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	05/03/2025 20:11	WG2506164
Ethylbenzene	ND		1.00	1	05/03/2025 20:11	WG2506164
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2025 20:11	WG2506164
Isopropylbenzene	ND		1.00	1	05/03/2025 20:11	WG2506164
p-Isopropyltoluene	ND		1.00	1	05/03/2025 20:11	WG2506164
2-Butanone (MEK)	ND		10.0	1	05/03/2025 20:11	WG2506164
Methylene Chloride	ND		5.00	1	05/03/2025 20:11	WG2506164
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/03/2025 20:11	WG2506164
Methyl tert-butyl ether	ND		1.00	1	05/03/2025 20:11	WG2506164
Naphthalene	ND	C3 J4	5.00	1	05/03/2025 20:11	WG2506164
n-Propylbenzene	ND		1.00	1	05/03/2025 20:11	WG2506164
Styrene	ND		1.00	1	05/03/2025 20:11	WG2506164
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/03/2025 20:11	WG2506164
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/03/2025 20:11	WG2506164
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/03/2025 20:11	WG2506164
Tetrachloroethene	ND		1.00	1	05/03/2025 20:11	WG2506164
Toluene	ND		1.00	1	05/03/2025 20:11	WG2506164
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/03/2025 20:11	WG2506164
1,2,4-Trichlorobenzene	ND	C3	1.00	1	05/03/2025 20:11	WG2506164
1,1,1-Trichloroethane	ND		1.00	1	05/03/2025 20:11	WG2506164
1,1,2-Trichloroethane	ND		1.00	1	05/03/2025 20:11	WG2506164
Trichloroethene	ND		1.00	1	05/03/2025 20:11	WG2506164
Trichlorofluoromethane	ND		5.00	1	05/03/2025 20:11	WG2506164
1,2,3-Trichloropropane	ND		2.50	1	05/03/2025 20:11	WG2506164
1,2,4-Trimethylbenzene	ND		1.00	1	05/03/2025 20:11	WG2506164
1,2,3-Trimethylbenzene	ND		1.00	1	05/03/2025 20:11	WG2506164
1,3,5-Trimethylbenzene	ND		1.00	1	05/03/2025 20:11	WG2506164
Vinyl chloride	ND		1.00	1	05/03/2025 20:11	WG2506164
Xylenes, Total	ND		3.00	1	05/03/2025 20:11	WG2506164
(S) Toluene-d8	*101*		*80.0-120*		*05/03/2025 20:11*	WG2506164
(S) 4-Bromofluorobenzene	*94.8*		*77.0-126*		*05/03/2025 20:11*	WG2506164
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*05/03/2025 20:11*	WG2506164

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		105	1.05	05/03/2025 23:24	WG2506166
C28-C36 Motor Oil Range	161		105	1.05	05/03/2025 23:24	WG2506166
(S) o-Terphenyl	*132*		*52.0-156*		*05/03/2025 23:24*	WG2506166

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	05/04/2025 07:17	WG2506165
Acenaphthylene	ND		1.00	1	05/04/2025 07:17	WG2506165
Anthracene	ND		1.00	1	05/04/2025 07:17	WG2506165
Benzidine	ND	C7 J4	10.0	1	05/04/2025 07:17	WG2506165
Benzo(a)anthracene	ND		1.00	1	05/04/2025 07:17	WG2506165
Benzo(b)fluoranthene	ND		1.00	1	05/04/2025 07:17	WG2506165
Benzo(k)fluoranthene	ND		1.00	1	05/04/2025 07:17	WG2506165
Benzo(g,h,i)perylene	ND		1.00	1	05/04/2025 07:17	WG2506165
Benzo(a)pyrene	ND		1.00	1	05/04/2025 07:17	WG2506165
Bis(2-chlorethoxy)methane	ND		10.0	1	05/04/2025 07:17	WG2506165
Bis(2-chloroethyl)ether	ND		10.0	1	05/04/2025 07:17	WG2506165
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	05/04/2025 07:17	WG2506165

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	05/04/2025 07:17	WG2506165
2-Chloronaphthalene	ND		1.00	1	05/04/2025 07:17	WG2506165
4-Chlorophenyl-phenylether	ND		10.0	1	05/04/2025 07:17	WG2506165
Chrysene	ND		1.00	1	05/04/2025 07:17	WG2506165
Dibenz(a,h)anthracene	ND		1.00	1	05/04/2025 07:17	WG2506165
1,2-Dichlorobenzene	ND		10.0	1	05/04/2025 07:17	WG2506165
1,3-Dichlorobenzene	ND		10.0	1	05/04/2025 07:17	WG2506165
1,4-Dichlorobenzene	ND		10.0	1	05/04/2025 07:17	WG2506165
3,3-Dichlorobenzidine	ND		10.0	1	05/04/2025 07:17	WG2506165
2,4-Dinitrotoluene	ND		10.0	1	05/04/2025 07:17	WG2506165
2,6-Dinitrotoluene	ND		10.0	1	05/04/2025 07:17	WG2506165
Fluoranthene	ND		1.00	1	05/04/2025 07:17	WG2506165
Fluorene	ND		1.00	1	05/04/2025 07:17	WG2506165
Hexachlorobenzene	ND		1.00	1	05/04/2025 07:17	WG2506165
Hexachloro-1,3-butadiene	ND		10.0	1	05/04/2025 07:17	WG2506165
Hexachlorocyclopentadiene	ND	C7	10.0	1	05/04/2025 07:17	WG2506165
Hexachloroethane	ND		10.0	1	05/04/2025 07:17	WG2506165
Indeno(1,2,3-cd)pyrene	ND		1.00	1	05/04/2025 07:17	WG2506165
Isophorone	ND		10.0	1	05/04/2025 07:17	WG2506165
1-Methylnaphthalene	ND		1.00	1	05/04/2025 07:17	WG2506165
2-Methylnaphthalene	ND		1.00	1	05/04/2025 07:17	WG2506165
Naphthalene	ND		1.00	1	05/04/2025 07:17	WG2506165
Nitrobenzene	ND		10.0	1	05/04/2025 07:17	WG2506165
n-Nitrosodimethylamine	ND		10.0	1	05/04/2025 07:17	WG2506165
n-Nitrosodiphenylamine	ND		10.0	1	05/04/2025 07:17	WG2506165
n-Nitrosodi-n-propylamine	ND		10.0	1	05/04/2025 07:17	WG2506165
Phenanthrene	ND		1.00	1	05/04/2025 07:17	WG2506165
Benzylbutyl phthalate	ND		3.00	1	05/04/2025 07:17	WG2506165
Bis(2-ethylhexyl)phthalate	ND		3.00	1	05/04/2025 07:17	WG2506165
Di-n-butyl phthalate	ND		3.00	1	05/04/2025 07:17	WG2506165
Diethyl phthalate	ND		3.00	1	05/04/2025 07:17	WG2506165
Dimethyl phthalate	ND		3.00	1	05/04/2025 07:17	WG2506165
Di-n-octyl phthalate	ND		3.00	1	05/04/2025 07:17	WG2506165
Pyrene	ND		1.00	1	05/04/2025 07:17	WG2506165
1,2,4-Trichlorobenzene	ND		10.0	1	05/04/2025 07:17	WG2506165
4-Chloro-3-methylphenol	ND		10.0	1	05/04/2025 07:17	WG2506165
2-Chlorophenol	ND		10.0	1	05/04/2025 07:17	WG2506165
2,4-Dichlorophenol	ND		10.0	1	05/04/2025 07:17	WG2506165
2,4-Dimethylphenol	ND		10.0	1	05/04/2025 07:17	WG2506165
4,6-Dinitro-2-methylphenol	ND		10.0	1	05/04/2025 07:17	WG2506165
2,4-Dinitrophenol	ND		10.0	1	05/04/2025 07:17	WG2506165
2-Nitrophenol	ND		10.0	1	05/04/2025 07:17	WG2506165
4-Nitrophenol	ND		10.0	1	05/04/2025 07:17	WG2506165
Pentachlorophenol	ND		10.0	1	05/04/2025 07:17	WG2506165
Phenol	ND		10.0	1	05/04/2025 07:17	WG2506165
2,4,6-Trichlorophenol	ND		10.0	1	05/04/2025 07:17	WG2506165
(S) 2-Fluorophenol	*37.4*		*10.0-120*		*05/04/2025 07:17*	WG2506165
(S) Phenol-d5	*29.3*		*10.0-120*		*05/04/2025 07:17*	WG2506165
(S) Nitrobenzene-d5	*72.2*		*10.0-127*		*05/04/2025 07:17*	WG2506165
(S) 2-Fluorobiphenyl	*61.8*		*10.0-130*		*05/04/2025 07:17*	WG2506165
(S) 2,4,6-Tribromophenol	*72.5*		*10.0-155*		*05/04/2025 07:17*	WG2506165
(S) p-Terphenyl-d14	*66.3*		*10.0-128*		*05/04/2025 07:17*	WG2506165

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	05/03/2025 18:26	WG2506164
Acrolein	ND		50.0	1	05/03/2025 18:26	WG2506164
Acrylonitrile	ND		10.0	1	05/03/2025 18:26	WG2506164
Benzene	ND		1.00	1	05/03/2025 18:26	WG2506164
Bromobenzene	ND		1.00	1	05/03/2025 18:26	WG2506164
Bromodichloromethane	ND		1.00	1	05/03/2025 18:26	WG2506164
Bromoform	ND		1.00	1	05/03/2025 18:26	WG2506164
Bromomethane	ND	J4	5.00	1	05/03/2025 18:26	WG2506164
n-Butylbenzene	ND		1.00	1	05/03/2025 18:26	WG2506164
sec-Butylbenzene	ND		1.00	1	05/03/2025 18:26	WG2506164
tert-Butylbenzene	ND		1.00	1	05/03/2025 18:26	WG2506164
Carbon tetrachloride	ND		1.00	1	05/03/2025 18:26	WG2506164
Chlorobenzene	ND		1.00	1	05/03/2025 18:26	WG2506164
Chlorodibromomethane	ND		1.00	1	05/03/2025 18:26	WG2506164
Chloroethane	ND		5.00	1	05/03/2025 18:26	WG2506164
Chloroform	ND		5.00	1	05/03/2025 18:26	WG2506164
Chloromethane	ND		2.50	1	05/03/2025 18:26	WG2506164
2-Chlorotoluene	ND		1.00	1	05/03/2025 18:26	WG2506164
4-Chlorotoluene	ND		1.00	1	05/03/2025 18:26	WG2506164
1,2-Dibromo-3-Chloropropane	ND	C3	5.00	1	05/03/2025 18:26	WG2506164
1,2-Dibromoethane	ND		1.00	1	05/03/2025 18:26	WG2506164
Dibromomethane	ND		1.00	1	05/03/2025 18:26	WG2506164
1,2-Dichlorobenzene	ND		1.00	1	05/03/2025 18:26	WG2506164
1,3-Dichlorobenzene	ND		1.00	1	05/03/2025 18:26	WG2506164
1,4-Dichlorobenzene	ND		1.00	1	05/03/2025 18:26	WG2506164
Dichlorodifluoromethane	ND		5.00	1	05/03/2025 18:26	WG2506164
1,1-Dichloroethane	ND		1.00	1	05/03/2025 18:26	WG2506164
1,2-Dichloroethane	ND		1.00	1	05/03/2025 18:26	WG2506164
1,1-Dichloroethene	ND		1.00	1	05/03/2025 18:26	WG2506164
cis-1,2-Dichloroethene	ND		1.00	1	05/03/2025 18:26	WG2506164
trans-1,2-Dichloroethene	ND		1.00	1	05/03/2025 18:26	WG2506164
1,2-Dichloropropane	ND		1.00	1	05/03/2025 18:26	WG2506164
1,1-Dichloropropene	ND		1.00	1	05/03/2025 18:26	WG2506164
1,3-Dichloropropane	ND		1.00	1	05/03/2025 18:26	WG2506164
cis-1,3-Dichloropropene	ND		1.00	1	05/03/2025 18:26	WG2506164
trans-1,3-Dichloropropene	ND		1.00	1	05/03/2025 18:26	WG2506164
2,2-Dichloropropane	ND	C3	1.00	1	05/03/2025 18:26	WG2506164
Di-isopropyl ether	ND		1.00	1	05/03/2025 18:26	WG2506164
Ethylbenzene	ND		1.00	1	05/03/2025 18:26	WG2506164
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2025 18:26	WG2506164
Isopropylbenzene	ND		1.00	1	05/03/2025 18:26	WG2506164
p-Isopropyltoluene	ND		1.00	1	05/03/2025 18:26	WG2506164
2-Butanone (MEK)	ND		10.0	1	05/03/2025 18:26	WG2506164
Methylene Chloride	ND		5.00	1	05/03/2025 18:26	WG2506164
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/03/2025 18:26	WG2506164
Methyl tert-butyl ether	ND		1.00	1	05/03/2025 18:26	WG2506164
Naphthalene	ND	C3 J4	5.00	1	05/03/2025 18:26	WG2506164
n-Propylbenzene	ND		1.00	1	05/03/2025 18:26	WG2506164
Styrene	ND		1.00	1	05/03/2025 18:26	WG2506164
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/03/2025 18:26	WG2506164
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/03/2025 18:26	WG2506164
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/03/2025 18:26	WG2506164
Tetrachloroethene	ND		1.00	1	05/03/2025 18:26	WG2506164
Toluene	ND		1.00	1	05/03/2025 18:26	WG2506164
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/03/2025 18:26	WG2506164
1,2,4-Trichlorobenzene	ND	C3	1.00	1	05/03/2025 18:26	WG2506164

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	05/03/2025 18:26	WG2506164
1,1,2-Trichloroethane	ND		1.00	1	05/03/2025 18:26	WG2506164
Trichloroethene	ND		1.00	1	05/03/2025 18:26	WG2506164
Trichlorofluoromethane	ND		5.00	1	05/03/2025 18:26	WG2506164
1,2,3-Trichloropropane	ND		2.50	1	05/03/2025 18:26	WG2506164
1,2,4-Trimethylbenzene	ND		1.00	1	05/03/2025 18:26	WG2506164
1,2,3-Trimethylbenzene	ND		1.00	1	05/03/2025 18:26	WG2506164
1,3,5-Trimethylbenzene	ND		1.00	1	05/03/2025 18:26	WG2506164
Vinyl chloride	ND		1.00	1	05/03/2025 18:26	WG2506164
Xylenes, Total	ND		3.00	1	05/03/2025 18:26	WG2506164
(S) Toluene-d8	*99.9*		*80.0-120*		*05/03/2025 18:26*	WG2506164
(S) 4-Bromofluorobenzene	*95.5*		*77.0-126*		*05/03/2025 18:26*	WG2506164
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*05/03/2025 18:26*	WG2506164

Calculated Results

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Total Nitrogen	5220		250	1	05/05/2025 21:19	WG2506835

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Dissolved Solids	2380000		50000	1	05/04/2025 09:46	WG2506171

Gravimetric Analysis by Method 2540 D-2020

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Suspended Solids	2700		2500	1	05/03/2025 18:30	WG2506170

Wet Chemistry by Method 130.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Hardness (colorimetric) as CaCO3	1240000		150000	5	05/06/2025 13:40	WG2506067

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	356000		20000	1	05/03/2025 20:28	WG2506141

Sample Narrative:

L1854767-19 WG2506141: 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	05/03/2025 22:07	WG2506081
Chloride	90900		5000	5	05/03/2025 22:07	WG2506081
Fluoride	1270		750	5	05/03/2025 22:07	WG2506081
Nitrate as (N)	4050		500	5	05/03/2025 22:07	WG2506081
Nitrite as (N)	ND		500	5	05/03/2025 22:07	WG2506081
Sulfate	1250000		250000	50	05/03/2025 22:20	WG2506081

Sample Narrative:

L1854767-19 WG2506081: 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	103		100	1	05/04/2025 21:32	WG2506700

Wet Chemistry by Method 351.2

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Kjeldahl Nitrogen, TKN	1170		250	1	05/05/2025 21:19	WG2506835

Wet Chemistry by Method 365.4

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Phosphorus,Total	ND		100	1	05/05/2025 18:24	WG2507541

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	05/03/2025 22:12	WG2506119

Wet Chemistry by Method 5540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
MBAS	ND		100	1	05/03/2025 19:08	WG2505657

Wet Chemistry by Method 7199

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	05/04/2025 23:41	WG2506708

Wet Chemistry by Method 9040C

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.93	T8	1	05/03/2025 17:22	WG2506176

Sample Narrative:

L1854767-19 WG2506176: 7.93 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	05/03/2025 21:37	WG2506175

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Aluminum	ND		100	1	05/04/2025 12:12	WG2506136
Aluminum,Dissolved	ND		100	1	05/04/2025 15:01	WG2506140
Antimony	ND		4.00	1	05/04/2025 12:12	WG2506136
Arsenic	2.42		2.00	1	05/04/2025 12:12	WG2506136
Arsenic,Dissolved	2.34		2.00	1	05/04/2025 15:01	WG2506140
Barium	29.5		2.00	1	05/04/2025 12:12	WG2506136
Beryllium	ND		2.00	1	05/04/2025 12:12	WG2506136
Boron	447		150	5	05/04/2025 17:22	WG2506136
Cadmium	ND		1.00	1	05/04/2025 12:12	WG2506136
Cadmium,Dissolved	ND		1.00	1	05/04/2025 15:01	WG2506140
Calcium	242000		1000	1	05/04/2025 12:12	WG2506136
Chromium	ND		2.00	1	05/04/2025 12:12	WG2506136
Chromium,Dissolved	ND		2.00	1	05/04/2025 15:01	WG2506140
Copper	ND		5.00	1	05/04/2025 12:12	WG2506136
Copper,Dissolved	ND		5.00	1	05/04/2025 15:01	WG2506140
Cobalt	ND		2.00	1	05/04/2025 12:12	WG2506136
Iron	ND		100	1	05/04/2025 12:12	WG2506136
Lead	ND		2.00	1	05/04/2025 12:12	WG2506136
Lead,Dissolved	ND		2.00	1	05/04/2025 15:01	WG2506140
Magnesium	146000		1000	1	05/04/2025 12:12	WG2506136
Manganese	275		5.00	1	05/04/2025 12:12	WG2506136
Manganese,Dissolved	266		5.00	1	05/04/2025 15:01	WG2506140
Nickel	2.69		2.00	1	05/04/2025 12:12	WG2506136
Nickel,Dissolved	2.46		2.00	1	05/04/2025 15:01	WG2506140
Potassium	10500		2000	1	05/04/2025 12:12	WG2506136
Selenium	6.58		2.00	1	05/04/2025 12:12	WG2506136

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Selenium,Dissolved	5.11		2.00	1	05/04/2025 15:01	WG2506140
Silver	ND		2.00	1	05/04/2025 12:12	WG2506136
Silver,Dissolved	ND		2.00	1	05/04/2025 15:01	WG2506140
Sodium	274000		2000	1	05/04/2025 12:12	WG2506136
Thallium	ND		2.00	1	05/04/2025 12:12	WG2506136
Vanadium	ND		5.00	1	05/04/2025 12:12	WG2506136
Zinc	ND		25.0	1	05/04/2025 12:12	WG2506136
Zinc,Dissolved	ND		25.0	1	05/04/2025 15:01	WG2506140

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	05/03/2025 20:17	WG2506080
(S) a,a,a-Trifluorotoluene(FID)	*102*		*78.0-120*		*05/03/2025 20:17*	WG2506080

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	05/03/2025 20:32	WG2506164
Acrolein	ND		50.0	1	05/03/2025 20:32	WG2506164
Acrylonitrile	ND		10.0	1	05/03/2025 20:32	WG2506164
Benzene	ND		1.00	1	05/03/2025 20:32	WG2506164
Bromobenzene	ND		1.00	1	05/03/2025 20:32	WG2506164
Bromodichloromethane	ND		1.00	1	05/03/2025 20:32	WG2506164
Bromoform	ND		1.00	1	05/03/2025 20:32	WG2506164
Bromomethane	ND	J4	5.00	1	05/03/2025 20:32	WG2506164
n-Butylbenzene	ND		1.00	1	05/03/2025 20:32	WG2506164
sec-Butylbenzene	ND		1.00	1	05/03/2025 20:32	WG2506164
tert-Butylbenzene	ND		1.00	1	05/03/2025 20:32	WG2506164
Carbon tetrachloride	ND		1.00	1	05/03/2025 20:32	WG2506164
Chlorobenzene	ND		1.00	1	05/03/2025 20:32	WG2506164
Chlorodibromomethane	ND		1.00	1	05/03/2025 20:32	WG2506164
Chloroethane	ND		5.00	1	05/03/2025 20:32	WG2506164
Chloroform	ND		5.00	1	05/03/2025 20:32	WG2506164
Chloromethane	ND		2.50	1	05/03/2025 20:32	WG2506164
2-Chlorotoluene	ND		1.00	1	05/03/2025 20:32	WG2506164
4-Chlorotoluene	ND		1.00	1	05/03/2025 20:32	WG2506164
1,2-Dibromo-3-Chloropropane	ND	C3	5.00	1	05/03/2025 20:32	WG2506164
1,2-Dibromoethane	ND		1.00	1	05/03/2025 20:32	WG2506164
Dibromomethane	ND		1.00	1	05/03/2025 20:32	WG2506164
1,2-Dichlorobenzene	ND		1.00	1	05/03/2025 20:32	WG2506164
1,3-Dichlorobenzene	ND		1.00	1	05/03/2025 20:32	WG2506164
1,4-Dichlorobenzene	ND		1.00	1	05/03/2025 20:32	WG2506164
Dichlorodifluoromethane	ND		5.00	1	05/03/2025 20:32	WG2506164
1,1-Dichloroethane	ND		1.00	1	05/03/2025 20:32	WG2506164
1,2-Dichloroethane	ND		1.00	1	05/03/2025 20:32	WG2506164
1,1-Dichloroethene	ND		1.00	1	05/03/2025 20:32	WG2506164
cis-1,2-Dichloroethene	ND		1.00	1	05/03/2025 20:32	WG2506164
trans-1,2-Dichloroethene	ND		1.00	1	05/03/2025 20:32	WG2506164
1,2-Dichloropropane	ND		1.00	1	05/03/2025 20:32	WG2506164
1,1-Dichloropropene	ND		1.00	1	05/03/2025 20:32	WG2506164
1,3-Dichloropropane	ND		1.00	1	05/03/2025 20:32	WG2506164
cis-1,3-Dichloropropene	ND		1.00	1	05/03/2025 20:32	WG2506164
trans-1,3-Dichloropropene	ND		1.00	1	05/03/2025 20:32	WG2506164
2,2-Dichloropropane	ND	C3	1.00	1	05/03/2025 20:32	WG2506164

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	05/03/2025 20:32	WG2506164
Ethylbenzene	ND		1.00	1	05/03/2025 20:32	WG2506164
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2025 20:32	WG2506164
Isopropylbenzene	ND		1.00	1	05/03/2025 20:32	WG2506164
p-Isopropyltoluene	ND		1.00	1	05/03/2025 20:32	WG2506164
2-Butanone (MEK)	ND		10.0	1	05/03/2025 20:32	WG2506164
Methylene Chloride	ND		5.00	1	05/03/2025 20:32	WG2506164
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/03/2025 20:32	WG2506164
Methyl tert-butyl ether	ND		1.00	1	05/03/2025 20:32	WG2506164
Naphthalene	ND	C3 J4	5.00	1	05/03/2025 20:32	WG2506164
n-Propylbenzene	ND		1.00	1	05/03/2025 20:32	WG2506164
Styrene	ND		1.00	1	05/03/2025 20:32	WG2506164
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/03/2025 20:32	WG2506164
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/03/2025 20:32	WG2506164
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/03/2025 20:32	WG2506164
Tetrachloroethene	ND		1.00	1	05/03/2025 20:32	WG2506164
Toluene	ND		1.00	1	05/03/2025 20:32	WG2506164
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/03/2025 20:32	WG2506164
1,2,4-Trichlorobenzene	ND	C3	1.00	1	05/03/2025 20:32	WG2506164
1,1,1-Trichloroethane	ND		1.00	1	05/03/2025 20:32	WG2506164
1,1,2-Trichloroethane	ND		1.00	1	05/03/2025 20:32	WG2506164
Trichloroethene	ND		1.00	1	05/03/2025 20:32	WG2506164
Trichlorofluoromethane	ND		5.00	1	05/03/2025 20:32	WG2506164
1,2,3-Trichloropropane	ND		2.50	1	05/03/2025 20:32	WG2506164
1,2,4-Trimethylbenzene	ND		1.00	1	05/03/2025 20:32	WG2506164
1,2,3-Trimethylbenzene	ND		1.00	1	05/03/2025 20:32	WG2506164
1,3,5-Trimethylbenzene	ND		1.00	1	05/03/2025 20:32	WG2506164
Vinyl chloride	ND		1.00	1	05/03/2025 20:32	WG2506164
Xylenes, Total	ND		3.00	1	05/03/2025 20:32	WG2506164
(S) Toluene-d8	*101*		*80.0-120*		*05/03/2025 20:32*	WG2506164
(S) 4-Bromofluorobenzene	*95.6*		*77.0-126*		*05/03/2025 20:32*	WG2506164
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*05/03/2025 20:32*	WG2506164

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	05/03/2025 23:45	WG2506166
C28-C36 Motor Oil Range	137		100	1	05/03/2025 23:45	WG2506166
(S) o-Terphenyl	*131*		*52.0-156*		*05/03/2025 23:45*	WG2506166

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	05/04/2025 07:39	WG2506165
Acenaphthylene	ND		1.00	1	05/04/2025 07:39	WG2506165
Anthracene	ND		1.00	1	05/04/2025 07:39	WG2506165
Benzidine	ND	C7 J4	10.0	1	05/04/2025 07:39	WG2506165
Benzo(a)anthracene	ND		1.00	1	05/04/2025 07:39	WG2506165
Benzo(b)fluoranthene	ND		1.00	1	05/04/2025 07:39	WG2506165
Benzo(k)fluoranthene	ND		1.00	1	05/04/2025 07:39	WG2506165
Benzo(g,h,i)perylene	ND		1.00	1	05/04/2025 07:39	WG2506165
Benzo(a)pyrene	ND		1.00	1	05/04/2025 07:39	WG2506165
Bis(2-chlorethoxy)methane	ND		10.0	1	05/04/2025 07:39	WG2506165
Bis(2-chloroethyl)ether	ND		10.0	1	05/04/2025 07:39	WG2506165
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	05/04/2025 07:39	WG2506165

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	05/04/2025 07:39	WG2506165
2-Chloronaphthalene	ND		1.00	1	05/04/2025 07:39	WG2506165
4-Chlorophenyl-phenylether	ND		10.0	1	05/04/2025 07:39	WG2506165
Chrysene	ND		1.00	1	05/04/2025 07:39	WG2506165
Dibenz(a,h)anthracene	ND		1.00	1	05/04/2025 07:39	WG2506165
1,2-Dichlorobenzene	ND		10.0	1	05/04/2025 07:39	WG2506165
1,3-Dichlorobenzene	ND		10.0	1	05/04/2025 07:39	WG2506165
1,4-Dichlorobenzene	ND		10.0	1	05/04/2025 07:39	WG2506165
3,3-Dichlorobenzidine	ND		10.0	1	05/04/2025 07:39	WG2506165
2,4-Dinitrotoluene	ND		10.0	1	05/04/2025 07:39	WG2506165
2,6-Dinitrotoluene	ND		10.0	1	05/04/2025 07:39	WG2506165
Fluoranthene	ND		1.00	1	05/04/2025 07:39	WG2506165
Fluorene	ND		1.00	1	05/04/2025 07:39	WG2506165
Hexachlorobenzene	ND		1.00	1	05/04/2025 07:39	WG2506165
Hexachloro-1,3-butadiene	ND		10.0	1	05/04/2025 07:39	WG2506165
Hexachlorocyclopentadiene	ND	C7	10.0	1	05/04/2025 07:39	WG2506165
Hexachloroethane	ND		10.0	1	05/04/2025 07:39	WG2506165
Indeno(1,2,3-cd)pyrene	ND		1.00	1	05/04/2025 07:39	WG2506165
Isophorone	ND		10.0	1	05/04/2025 07:39	WG2506165
1-Methylnaphthalene	ND		1.00	1	05/04/2025 07:39	WG2506165
2-Methylnaphthalene	ND		1.00	1	05/04/2025 07:39	WG2506165
Naphthalene	ND		1.00	1	05/04/2025 07:39	WG2506165
Nitrobenzene	ND		10.0	1	05/04/2025 07:39	WG2506165
n-Nitrosodimethylamine	ND		10.0	1	05/04/2025 07:39	WG2506165
n-Nitrosodiphenylamine	ND		10.0	1	05/04/2025 07:39	WG2506165
n-Nitrosodi-n-propylamine	ND		10.0	1	05/04/2025 07:39	WG2506165
Phenanthrene	ND		1.00	1	05/04/2025 07:39	WG2506165
Benzylbutyl phthalate	ND		3.00	1	05/04/2025 07:39	WG2506165
Bis(2-ethylhexyl)phthalate	ND		3.00	1	05/04/2025 07:39	WG2506165
Di-n-butyl phthalate	ND		3.00	1	05/04/2025 07:39	WG2506165
Diethyl phthalate	ND		3.00	1	05/04/2025 07:39	WG2506165
Dimethyl phthalate	ND		3.00	1	05/04/2025 07:39	WG2506165
Di-n-octyl phthalate	ND		3.00	1	05/04/2025 07:39	WG2506165
Pyrene	ND		1.00	1	05/04/2025 07:39	WG2506165
1,2,4-Trichlorobenzene	ND		10.0	1	05/04/2025 07:39	WG2506165
4-Chloro-3-methylphenol	ND		10.0	1	05/04/2025 07:39	WG2506165
2-Chlorophenol	ND		10.0	1	05/04/2025 07:39	WG2506165
2,4-Dichlorophenol	ND		10.0	1	05/04/2025 07:39	WG2506165
2,4-Dimethylphenol	ND		10.0	1	05/04/2025 07:39	WG2506165
4,6-Dinitro-2-methylphenol	ND		10.0	1	05/04/2025 07:39	WG2506165
2,4-Dinitrophenol	ND		10.0	1	05/04/2025 07:39	WG2506165
2-Nitrophenol	ND		10.0	1	05/04/2025 07:39	WG2506165
4-Nitrophenol	ND		10.0	1	05/04/2025 07:39	WG2506165
Pentachlorophenol	ND		10.0	1	05/04/2025 07:39	WG2506165
Phenol	ND		10.0	1	05/04/2025 07:39	WG2506165
2,4,6-Trichlorophenol	ND		10.0	1	05/04/2025 07:39	WG2506165
(S) 2-Fluorophenol	*37.6*		*10.0-120*		*05/04/2025 07:39*	WG2506165
(S) Phenol-d5	*28.4*		*10.0-120*		*05/04/2025 07:39*	WG2506165
(S) Nitrobenzene-d5	*72.4*		*10.0-127*		*05/04/2025 07:39*	WG2506165
(S) 2-Fluorobiphenyl	*59.0*		*10.0-130*		*05/04/2025 07:39*	WG2506165
(S) 2,4,6-Tribromophenol	*73.0*		*10.0-155*		*05/04/2025 07:39*	WG2506165
(S) p-Terphenyl-d14	*63.0*		*10.0-128*		*05/04/2025 07:39*	WG2506165

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	05/03/2025 18:47	WG2506164
Acrolein	ND		50.0	1	05/03/2025 18:47	WG2506164
Acrylonitrile	ND		10.0	1	05/03/2025 18:47	WG2506164
Benzene	ND		1.00	1	05/03/2025 18:47	WG2506164
Bromobenzene	ND		1.00	1	05/03/2025 18:47	WG2506164
Bromodichloromethane	ND		1.00	1	05/03/2025 18:47	WG2506164
Bromoform	ND		1.00	1	05/03/2025 18:47	WG2506164
Bromomethane	ND	J4	5.00	1	05/03/2025 18:47	WG2506164
n-Butylbenzene	ND		1.00	1	05/03/2025 18:47	WG2506164
sec-Butylbenzene	ND		1.00	1	05/03/2025 18:47	WG2506164
tert-Butylbenzene	ND		1.00	1	05/03/2025 18:47	WG2506164
Carbon tetrachloride	ND		1.00	1	05/03/2025 18:47	WG2506164
Chlorobenzene	ND		1.00	1	05/03/2025 18:47	WG2506164
Chlorodibromomethane	ND		1.00	1	05/03/2025 18:47	WG2506164
Chloroethane	ND		5.00	1	05/03/2025 18:47	WG2506164
Chloroform	ND		5.00	1	05/03/2025 18:47	WG2506164
Chloromethane	ND		2.50	1	05/03/2025 18:47	WG2506164
2-Chlorotoluene	ND		1.00	1	05/03/2025 18:47	WG2506164
4-Chlorotoluene	ND		1.00	1	05/03/2025 18:47	WG2506164
1,2-Dibromo-3-Chloropropane	ND	C3	5.00	1	05/03/2025 18:47	WG2506164
1,2-Dibromoethane	ND		1.00	1	05/03/2025 18:47	WG2506164
Dibromomethane	ND		1.00	1	05/03/2025 18:47	WG2506164
1,2-Dichlorobenzene	ND		1.00	1	05/03/2025 18:47	WG2506164
1,3-Dichlorobenzene	ND		1.00	1	05/03/2025 18:47	WG2506164
1,4-Dichlorobenzene	ND		1.00	1	05/03/2025 18:47	WG2506164
Dichlorodifluoromethane	ND		5.00	1	05/03/2025 18:47	WG2506164
1,1-Dichloroethane	ND		1.00	1	05/03/2025 18:47	WG2506164
1,2-Dichloroethane	ND		1.00	1	05/03/2025 18:47	WG2506164
1,1-Dichloroethene	ND		1.00	1	05/03/2025 18:47	WG2506164
cis-1,2-Dichloroethene	ND		1.00	1	05/03/2025 18:47	WG2506164
trans-1,2-Dichloroethene	ND		1.00	1	05/03/2025 18:47	WG2506164
1,2-Dichloropropane	ND		1.00	1	05/03/2025 18:47	WG2506164
1,1-Dichloropropene	ND		1.00	1	05/03/2025 18:47	WG2506164
1,3-Dichloropropane	ND		1.00	1	05/03/2025 18:47	WG2506164
cis-1,3-Dichloropropene	ND		1.00	1	05/03/2025 18:47	WG2506164
trans-1,3-Dichloropropene	ND		1.00	1	05/03/2025 18:47	WG2506164
2,2-Dichloropropane	ND	C3	1.00	1	05/03/2025 18:47	WG2506164
Di-isopropyl ether	ND		1.00	1	05/03/2025 18:47	WG2506164
Ethylbenzene	ND		1.00	1	05/03/2025 18:47	WG2506164
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2025 18:47	WG2506164
Isopropylbenzene	ND		1.00	1	05/03/2025 18:47	WG2506164
p-Isopropyltoluene	ND		1.00	1	05/03/2025 18:47	WG2506164
2-Butanone (MEK)	ND		10.0	1	05/03/2025 18:47	WG2506164
Methylene Chloride	ND		5.00	1	05/03/2025 18:47	WG2506164
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/03/2025 18:47	WG2506164
Methyl tert-butyl ether	ND		1.00	1	05/03/2025 18:47	WG2506164
Naphthalene	ND	C3 J4	5.00	1	05/03/2025 18:47	WG2506164
n-Propylbenzene	ND		1.00	1	05/03/2025 18:47	WG2506164
Styrene	ND		1.00	1	05/03/2025 18:47	WG2506164
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/03/2025 18:47	WG2506164
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/03/2025 18:47	WG2506164
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/03/2025 18:47	WG2506164
Tetrachloroethene	ND		1.00	1	05/03/2025 18:47	WG2506164
Toluene	ND		1.00	1	05/03/2025 18:47	WG2506164
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/03/2025 18:47	WG2506164
1,2,4-Trichlorobenzene	ND	C3	1.00	1	05/03/2025 18:47	WG2506164

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	05/03/2025 18:47	WG2506164
1,1,2-Trichloroethane	ND		1.00	1	05/03/2025 18:47	WG2506164
Trichloroethene	ND		1.00	1	05/03/2025 18:47	WG2506164
Trichlorofluoromethane	ND		5.00	1	05/03/2025 18:47	WG2506164
1,2,3-Trichloropropane	ND		2.50	1	05/03/2025 18:47	WG2506164
1,2,4-Trimethylbenzene	ND		1.00	1	05/03/2025 18:47	WG2506164
1,2,3-Trimethylbenzene	ND		1.00	1	05/03/2025 18:47	WG2506164
1,3,5-Trimethylbenzene	ND		1.00	1	05/03/2025 18:47	WG2506164
Vinyl chloride	ND		1.00	1	05/03/2025 18:47	WG2506164
Xylenes, Total	ND		3.00	1	05/03/2025 18:47	WG2506164
(S) Toluene-d8	*101*		*80.0-120*		*05/03/2025 18:47*	WG2506164
(S) 4-Bromofluorobenzene	*95.5*		*77.0-126*		*05/03/2025 18:47*	WG2506164
(S) 1,2-Dichloroethane-d4	*102*		*70.0-130*		*05/03/2025 18:47*	WG2506164

Calculated Results

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Total Nitrogen	ND		100	1	05/05/2025 21:20	WG2506835

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	05/04/2025 09:46	WG2506171

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	05/03/2025 18:30	WG2506170

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	05/06/2025 13:41	WG2506067

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Alkalinity	ND		20000	1	05/03/2025 20:34	WG2506141

Sample Narrative:

L1854767-21 WG2506141: 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	05/03/2025 22:57	WG2506081
Chloride	ND		1000	1	05/03/2025 22:57	WG2506081
Fluoride	ND		150	1	05/03/2025 22:57	WG2506081
Nitrate as (N)	ND		100	1	05/03/2025 22:57	WG2506081
Nitrite as (N)	ND		100	1	05/03/2025 22:57	WG2506081
Sulfate	ND		5000	1	05/03/2025 22:57	WG2506081

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Ammonia Nitrogen	ND		100	1	05/04/2025 21:33	WG2506700

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	05/05/2025 21:20	WG2506835

Wet Chemistry by Method 365.4

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Phosphorus,Total	ND		100	1	05/05/2025 18:25	WG2507541

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	05/03/2025 22:24	WG2506119

Wet Chemistry by Method 5540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
MBAS	ND		100	1	05/03/2025 19:08	WG2505657

Wet Chemistry by Method 7199

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	05/05/2025 00:10	WG2506708

Wet Chemistry by Method 9040C

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	5.82	T8	1	05/03/2025 17:22	WG2506176

Sample Narrative:

L1854767-21 WG2506176: 5.82 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	05/03/2025 21:40	WG2506175

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Aluminum	ND		100	1	05/04/2025 12:15	WG2506136
Aluminum,Dissolved	ND		100	1	05/04/2025 15:04	WG2506140
Antimony	ND		4.00	1	05/04/2025 12:15	WG2506136
Arsenic	ND		2.00	1	05/04/2025 12:15	WG2506136
Arsenic,Dissolved	ND		2.00	1	05/04/2025 15:04	WG2506140
Barium	ND		2.00	1	05/04/2025 12:15	WG2506136
Beryllium	ND		2.00	1	05/04/2025 12:15	WG2506136
Boron	ND		30.0	1	05/04/2025 17:25	WG2506136
Cadmium	ND		1.00	1	05/04/2025 12:15	WG2506136
Cadmium,Dissolved	ND		1.00	1	05/04/2025 15:04	WG2506140
Calcium	ND		1000	1	05/04/2025 12:15	WG2506136
Chromium	ND		2.00	1	05/04/2025 12:15	WG2506136
Chromium,Dissolved	ND		2.00	1	05/04/2025 15:04	WG2506140
Copper	ND		5.00	1	05/04/2025 12:15	WG2506136
Copper,Dissolved	ND		5.00	1	05/04/2025 15:04	WG2506140
Cobalt	ND		2.00	1	05/04/2025 12:15	WG2506136
Iron	ND		100	1	05/04/2025 12:15	WG2506136
Lead	ND		2.00	1	05/04/2025 12:15	WG2506136
Lead,Dissolved	ND		2.00	1	05/04/2025 15:04	WG2506140
Magnesium	ND		1000	1	05/04/2025 12:15	WG2506136
Manganese	ND		5.00	1	05/04/2025 12:15	WG2506136
Manganese,Dissolved	ND		5.00	1	05/04/2025 15:04	WG2506140
Nickel	ND		2.00	1	05/04/2025 12:15	WG2506136
Nickel,Dissolved	ND		2.00	1	05/04/2025 15:04	WG2506140
Potassium	ND		2000	1	05/04/2025 12:15	WG2506136
Selenium	ND		2.00	1	05/04/2025 12:15	WG2506136

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Selenium,Dissolved	ND		2.00	1	05/04/2025 15:04	WG2506140
Silver	ND		2.00	1	05/04/2025 12:15	WG2506136
Silver,Dissolved	ND		2.00	1	05/04/2025 15:04	WG2506140
Sodium	ND		2000	1	05/04/2025 12:15	WG2506136
Thallium	ND		2.00	1	05/04/2025 12:15	WG2506136
Vanadium	ND		5.00	1	05/04/2025 12:15	WG2506136
Zinc	ND		25.0	1	05/04/2025 12:15	WG2506136
Zinc,Dissolved	ND		25.0	1	05/04/2025 15:04	WG2506140

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
TPH (GC/FID) Low Fraction	ND		100	1	05/03/2025 20:38	WG2506080
(S) a,a,a-Trifluorotoluene(FID)	*102*		*78.0-120*		*05/03/2025 20:38*	WG2506080

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND		50.0	1	05/03/2025 20:53	WG2506164
Acrolein	ND		50.0	1	05/03/2025 20:53	WG2506164
Acrylonitrile	ND		10.0	1	05/03/2025 20:53	WG2506164
Benzene	ND		1.00	1	05/03/2025 20:53	WG2506164
Bromobenzene	ND		1.00	1	05/03/2025 20:53	WG2506164
Bromodichloromethane	ND		1.00	1	05/03/2025 20:53	WG2506164
Bromoform	ND		1.00	1	05/03/2025 20:53	WG2506164
Bromomethane	ND	J4	5.00	1	05/03/2025 20:53	WG2506164
n-Butylbenzene	ND		1.00	1	05/03/2025 20:53	WG2506164
sec-Butylbenzene	ND		1.00	1	05/03/2025 20:53	WG2506164
tert-Butylbenzene	ND		1.00	1	05/03/2025 20:53	WG2506164
Carbon tetrachloride	ND		1.00	1	05/03/2025 20:53	WG2506164
Chlorobenzene	ND		1.00	1	05/03/2025 20:53	WG2506164
Chlorodibromomethane	ND		1.00	1	05/03/2025 20:53	WG2506164
Chloroethane	ND		5.00	1	05/03/2025 20:53	WG2506164
Chloroform	ND		5.00	1	05/03/2025 20:53	WG2506164
Chloromethane	ND		2.50	1	05/03/2025 20:53	WG2506164
2-Chlorotoluene	ND		1.00	1	05/03/2025 20:53	WG2506164
4-Chlorotoluene	ND		1.00	1	05/03/2025 20:53	WG2506164
1,2-Dibromo-3-Chloropropane	ND	C3	5.00	1	05/03/2025 20:53	WG2506164
1,2-Dibromoethane	ND		1.00	1	05/03/2025 20:53	WG2506164
Dibromomethane	ND		1.00	1	05/03/2025 20:53	WG2506164
1,2-Dichlorobenzene	ND		1.00	1	05/03/2025 20:53	WG2506164
1,3-Dichlorobenzene	ND		1.00	1	05/03/2025 20:53	WG2506164
1,4-Dichlorobenzene	ND		1.00	1	05/03/2025 20:53	WG2506164
Dichlorodifluoromethane	ND		5.00	1	05/03/2025 20:53	WG2506164
1,1-Dichloroethane	ND		1.00	1	05/03/2025 20:53	WG2506164
1,2-Dichloroethane	ND		1.00	1	05/03/2025 20:53	WG2506164
1,1-Dichloroethene	ND		1.00	1	05/03/2025 20:53	WG2506164
cis-1,2-Dichloroethene	ND		1.00	1	05/03/2025 20:53	WG2506164
trans-1,2-Dichloroethene	ND		1.00	1	05/03/2025 20:53	WG2506164
1,2-Dichloropropane	ND		1.00	1	05/03/2025 20:53	WG2506164
1,1-Dichloropropene	ND		1.00	1	05/03/2025 20:53	WG2506164
1,3-Dichloropropane	ND		1.00	1	05/03/2025 20:53	WG2506164
cis-1,3-Dichloropropene	ND		1.00	1	05/03/2025 20:53	WG2506164
trans-1,3-Dichloropropene	ND		1.00	1	05/03/2025 20:53	WG2506164
2,2-Dichloropropane	ND	C3	1.00	1	05/03/2025 20:53	WG2506164

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	05/03/2025 20:53	WG2506164
Ethylbenzene	ND		1.00	1	05/03/2025 20:53	WG2506164
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2025 20:53	WG2506164
Isopropylbenzene	ND		1.00	1	05/03/2025 20:53	WG2506164
p-Isopropyltoluene	ND		1.00	1	05/03/2025 20:53	WG2506164
2-Butanone (MEK)	ND		10.0	1	05/03/2025 20:53	WG2506164
Methylene Chloride	ND		5.00	1	05/03/2025 20:53	WG2506164
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/03/2025 20:53	WG2506164
Methyl tert-butyl ether	ND		1.00	1	05/03/2025 20:53	WG2506164
Naphthalene	ND	C3 J4	5.00	1	05/03/2025 20:53	WG2506164
n-Propylbenzene	ND		1.00	1	05/03/2025 20:53	WG2506164
Styrene	ND		1.00	1	05/03/2025 20:53	WG2506164
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/03/2025 20:53	WG2506164
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/03/2025 20:53	WG2506164
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/03/2025 20:53	WG2506164
Tetrachloroethene	ND		1.00	1	05/03/2025 20:53	WG2506164
Toluene	ND		1.00	1	05/03/2025 20:53	WG2506164
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/03/2025 20:53	WG2506164
1,2,4-Trichlorobenzene	ND	C3	1.00	1	05/03/2025 20:53	WG2506164
1,1,1-Trichloroethane	ND		1.00	1	05/03/2025 20:53	WG2506164
1,1,2-Trichloroethane	ND		1.00	1	05/03/2025 20:53	WG2506164
Trichloroethene	ND		1.00	1	05/03/2025 20:53	WG2506164
Trichlorofluoromethane	ND		5.00	1	05/03/2025 20:53	WG2506164
1,2,3-Trichloropropane	ND		2.50	1	05/03/2025 20:53	WG2506164
1,2,4-Trimethylbenzene	ND		1.00	1	05/03/2025 20:53	WG2506164
1,2,3-Trimethylbenzene	ND		1.00	1	05/03/2025 20:53	WG2506164
1,3,5-Trimethylbenzene	ND		1.00	1	05/03/2025 20:53	WG2506164
Vinyl chloride	ND		1.00	1	05/03/2025 20:53	WG2506164
Xylenes, Total	ND		3.00	1	05/03/2025 20:53	WG2506164
(S) Toluene-d8	*101*		*80.0-120*		*05/03/2025 20:53*	WG2506164
(S) 4-Bromofluorobenzene	*96.4*		*77.0-126*		*05/03/2025 20:53*	WG2506164
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*05/03/2025 20:53*	WG2506164

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	05/04/2025 00:05	WG2506166
C28-C36 Motor Oil Range	ND		100	1	05/04/2025 00:05	WG2506166
(S) o-Terphenyl	*149*		*52.0-156*		*05/04/2025 00:05*	WG2506166

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	05/04/2025 03:59	WG2506165
Acenaphthylene	ND		1.00	1	05/04/2025 03:59	WG2506165
Anthracene	ND		1.00	1	05/04/2025 03:59	WG2506165
Benzidine	ND	C7 J4	10.0	1	05/04/2025 03:59	WG2506165
Benzo(a)anthracene	ND		1.00	1	05/04/2025 03:59	WG2506165
Benzo(b)fluoranthene	ND		1.00	1	05/04/2025 03:59	WG2506165
Benzo(k)fluoranthene	ND		1.00	1	05/04/2025 03:59	WG2506165
Benzo(g,h,i)perylene	ND		1.00	1	05/04/2025 03:59	WG2506165
Benzo(a)pyrene	ND		1.00	1	05/04/2025 03:59	WG2506165
Bis(2-chlorethoxy)methane	ND		10.0	1	05/04/2025 03:59	WG2506165
Bis(2-chloroethyl)ether	ND		10.0	1	05/04/2025 03:59	WG2506165
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	05/04/2025 03:59	WG2506165

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	05/04/2025 03:59	WG2506165
2-Chloronaphthalene	ND		1.00	1	05/04/2025 03:59	WG2506165
4-Chlorophenyl-phenylether	ND		10.0	1	05/04/2025 03:59	WG2506165
Chrysene	ND		1.00	1	05/04/2025 03:59	WG2506165
Dibenz(a,h)anthracene	ND		1.00	1	05/04/2025 03:59	WG2506165
1,2-Dichlorobenzene	ND		10.0	1	05/04/2025 03:59	WG2506165
1,3-Dichlorobenzene	ND		10.0	1	05/04/2025 03:59	WG2506165
1,4-Dichlorobenzene	ND		10.0	1	05/04/2025 03:59	WG2506165
3,3-Dichlorobenzidine	ND		10.0	1	05/04/2025 03:59	WG2506165
2,4-Dinitrotoluene	ND		10.0	1	05/04/2025 03:59	WG2506165
2,6-Dinitrotoluene	ND		10.0	1	05/04/2025 03:59	WG2506165
Fluoranthene	ND		1.00	1	05/04/2025 03:59	WG2506165
Fluorene	ND		1.00	1	05/04/2025 03:59	WG2506165
Hexachlorobenzene	ND		1.00	1	05/04/2025 03:59	WG2506165
Hexachloro-1,3-butadiene	ND		10.0	1	05/04/2025 03:59	WG2506165
Hexachlorocyclopentadiene	ND	C7	10.0	1	05/04/2025 03:59	WG2506165
Hexachloroethane	ND		10.0	1	05/04/2025 03:59	WG2506165
Indeno(1,2,3-cd)pyrene	ND		1.00	1	05/04/2025 03:59	WG2506165
Isophorone	ND		10.0	1	05/04/2025 03:59	WG2506165
1-Methylnaphthalene	ND		1.00	1	05/04/2025 03:59	WG2506165
2-Methylnaphthalene	ND		1.00	1	05/04/2025 03:59	WG2506165
Naphthalene	ND		1.00	1	05/04/2025 03:59	WG2506165
Nitrobenzene	ND		10.0	1	05/04/2025 03:59	WG2506165
n-Nitrosodimethylamine	ND		10.0	1	05/04/2025 03:59	WG2506165
n-Nitrosodiphenylamine	ND		10.0	1	05/04/2025 03:59	WG2506165
n-Nitrosodi-n-propylamine	ND		10.0	1	05/04/2025 03:59	WG2506165
Phenanthrene	ND		1.00	1	05/04/2025 03:59	WG2506165
Benzylbutyl phthalate	ND		3.00	1	05/04/2025 03:59	WG2506165
Bis(2-ethylhexyl)phthalate	ND		3.00	1	05/04/2025 03:59	WG2506165
Di-n-butyl phthalate	ND		3.00	1	05/04/2025 03:59	WG2506165
Diethyl phthalate	ND		3.00	1	05/04/2025 03:59	WG2506165
Dimethyl phthalate	ND		3.00	1	05/04/2025 03:59	WG2506165
Di-n-octyl phthalate	ND		3.00	1	05/04/2025 03:59	WG2506165
Pyrene	ND		1.00	1	05/04/2025 03:59	WG2506165
1,2,4-Trichlorobenzene	ND		10.0	1	05/04/2025 03:59	WG2506165
4-Chloro-3-methylphenol	ND		10.0	1	05/04/2025 03:59	WG2506165
2-Chlorophenol	ND		10.0	1	05/04/2025 03:59	WG2506165
2,4-Dichlorophenol	ND		10.0	1	05/04/2025 03:59	WG2506165
2,4-Dimethylphenol	ND		10.0	1	05/04/2025 03:59	WG2506165
4,6-Dinitro-2-methylphenol	ND		10.0	1	05/04/2025 03:59	WG2506165
2,4-Dinitrophenol	ND		10.0	1	05/04/2025 03:59	WG2506165
2-Nitrophenol	ND		10.0	1	05/04/2025 03:59	WG2506165
4-Nitrophenol	ND		10.0	1	05/04/2025 03:59	WG2506165
Pentachlorophenol	ND		10.0	1	05/04/2025 03:59	WG2506165
Phenol	ND		10.0	1	05/04/2025 03:59	WG2506165
2,4,6-Trichlorophenol	ND		10.0	1	05/04/2025 03:59	WG2506165
(S) 2-Fluorophenol	*39.8*		*10.0-120*		*05/04/2025 03:59*	WG2506165
(S) Phenol-d5	*29.1*		*10.0-120*		*05/04/2025 03:59*	WG2506165
(S) Nitrobenzene-d5	*76.8*		*10.0-127*		*05/04/2025 03:59*	WG2506165
(S) 2-Fluorobiphenyl	*63.6*		*10.0-130*		*05/04/2025 03:59*	WG2506165
(S) 2,4,6-Tribromophenol	*70.9*		*10.0-155*		*05/04/2025 03:59*	WG2506165
(S) p-Terphenyl-d14	*71.6*		*10.0-128*		*05/04/2025 03:59*	WG2506165

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	05/03/2025 19:08	WG2506164
Acrolein	ND		50.0	1	05/03/2025 19:08	WG2506164
Acrylonitrile	ND		10.0	1	05/03/2025 19:08	WG2506164
Benzene	ND		1.00	1	05/03/2025 19:08	WG2506164
Bromobenzene	ND		1.00	1	05/03/2025 19:08	WG2506164
Bromodichloromethane	ND		1.00	1	05/03/2025 19:08	WG2506164
Bromoform	ND		1.00	1	05/03/2025 19:08	WG2506164
Bromomethane	ND	J4	5.00	1	05/03/2025 19:08	WG2506164
n-Butylbenzene	ND		1.00	1	05/03/2025 19:08	WG2506164
sec-Butylbenzene	ND		1.00	1	05/03/2025 19:08	WG2506164
tert-Butylbenzene	ND		1.00	1	05/03/2025 19:08	WG2506164
Carbon tetrachloride	ND		1.00	1	05/03/2025 19:08	WG2506164
Chlorobenzene	ND		1.00	1	05/03/2025 19:08	WG2506164
Chlorodibromomethane	ND		1.00	1	05/03/2025 19:08	WG2506164
Chloroethane	ND		5.00	1	05/03/2025 19:08	WG2506164
Chloroform	ND		5.00	1	05/03/2025 19:08	WG2506164
Chloromethane	ND		2.50	1	05/03/2025 19:08	WG2506164
2-Chlorotoluene	ND		1.00	1	05/03/2025 19:08	WG2506164
4-Chlorotoluene	ND		1.00	1	05/03/2025 19:08	WG2506164
1,2-Dibromo-3-Chloropropane	ND	C3	5.00	1	05/03/2025 19:08	WG2506164
1,2-Dibromoethane	ND		1.00	1	05/03/2025 19:08	WG2506164
Dibromomethane	ND		1.00	1	05/03/2025 19:08	WG2506164
1,2-Dichlorobenzene	ND		1.00	1	05/03/2025 19:08	WG2506164
1,3-Dichlorobenzene	ND		1.00	1	05/03/2025 19:08	WG2506164
1,4-Dichlorobenzene	ND		1.00	1	05/03/2025 19:08	WG2506164
Dichlorodifluoromethane	ND		5.00	1	05/03/2025 19:08	WG2506164
1,1-Dichloroethane	ND		1.00	1	05/03/2025 19:08	WG2506164
1,2-Dichloroethane	ND		1.00	1	05/03/2025 19:08	WG2506164
1,1-Dichloroethene	ND		1.00	1	05/03/2025 19:08	WG2506164
cis-1,2-Dichloroethene	ND		1.00	1	05/03/2025 19:08	WG2506164
trans-1,2-Dichloroethene	ND		1.00	1	05/03/2025 19:08	WG2506164
1,2-Dichloropropane	ND		1.00	1	05/03/2025 19:08	WG2506164
1,1-Dichloropropene	ND		1.00	1	05/03/2025 19:08	WG2506164
1,3-Dichloropropane	ND		1.00	1	05/03/2025 19:08	WG2506164
cis-1,3-Dichloropropene	ND		1.00	1	05/03/2025 19:08	WG2506164
trans-1,3-Dichloropropene	ND		1.00	1	05/03/2025 19:08	WG2506164
2,2-Dichloropropane	ND	C3	1.00	1	05/03/2025 19:08	WG2506164
Di-isopropyl ether	ND		1.00	1	05/03/2025 19:08	WG2506164
Ethylbenzene	ND		1.00	1	05/03/2025 19:08	WG2506164
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2025 19:08	WG2506164
Isopropylbenzene	ND		1.00	1	05/03/2025 19:08	WG2506164
p-Isopropyltoluene	ND		1.00	1	05/03/2025 19:08	WG2506164
2-Butanone (MEK)	ND		10.0	1	05/03/2025 19:08	WG2506164
Methylene Chloride	ND		5.00	1	05/03/2025 19:08	WG2506164
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/03/2025 19:08	WG2506164
Methyl tert-butyl ether	ND		1.00	1	05/03/2025 19:08	WG2506164
Naphthalene	ND	C3 J4	5.00	1	05/03/2025 19:08	WG2506164
n-Propylbenzene	ND		1.00	1	05/03/2025 19:08	WG2506164
Styrene	ND		1.00	1	05/03/2025 19:08	WG2506164
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/03/2025 19:08	WG2506164
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/03/2025 19:08	WG2506164
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/03/2025 19:08	WG2506164
Tetrachloroethene	ND		1.00	1	05/03/2025 19:08	WG2506164
Toluene	ND		1.00	1	05/03/2025 19:08	WG2506164
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/03/2025 19:08	WG2506164
1,2,4-Trichlorobenzene	ND	C3	1.00	1	05/03/2025 19:08	WG2506164

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	05/03/2025 19:08	WG2506164
1,1,2-Trichloroethane	ND		1.00	1	05/03/2025 19:08	WG2506164
Trichloroethene	ND		1.00	1	05/03/2025 19:08	WG2506164
Trichlorofluoromethane	ND		5.00	1	05/03/2025 19:08	WG2506164
1,2,3-Trichloropropane	ND		2.50	1	05/03/2025 19:08	WG2506164
1,2,4-Trimethylbenzene	ND		1.00	1	05/03/2025 19:08	WG2506164
1,2,3-Trimethylbenzene	ND		1.00	1	05/03/2025 19:08	WG2506164
1,3,5-Trimethylbenzene	ND		1.00	1	05/03/2025 19:08	WG2506164
Vinyl chloride	ND		1.00	1	05/03/2025 19:08	WG2506164
Xylenes, Total	ND		3.00	1	05/03/2025 19:08	WG2506164
(S) Toluene-d8	*99.4*		*80.0-120*		*05/03/2025 19:08*	WG2506164
(S) 4-Bromofluorobenzene	*93.4*		*77.0-126*		*05/03/2025 19:08*	WG2506164
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*05/03/2025 19:08*	WG2506164

Method Blank (MB)

(MB) R4209841-1 05/04/25 09:46

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

L1854767-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1854767-01 05/04/25 09:46 • (DUP) R4209841-3 05/04/25 09:46

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Dissolved Solids	2690000	2720000	1	1.11		10

L1854767-23 Original Sample (OS) • Duplicate (DUP)

(OS) L1854767-23 05/04/25 09:46 • (DUP) R4209841-4 05/04/25 09:46

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Dissolved Solids	829000	829000	1	0.000		10

Laboratory Control Sample (LCS)

(LCS) R4209841-2 05/04/25 09:46

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Dissolved Solids	8800000	8530000	96.9	90.0-110	

Method Blank (MB)

(MB) R4209446-1 05/03/25 18:30

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

L1854767-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1854767-03 05/03/25 18:30 • (DUP) R4209446-3 05/03/25 18:30

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Suspended Solids	8000	8200	1	2.47		10

L1854767-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1854767-07 05/03/25 18:30 • (DUP) R4209446-4 05/03/25 18:30

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Suspended Solids	6600	6200	1	6.25		10

Laboratory Control Sample (LCS)

(LCS) R4209446-2 05/03/25 18:30

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Suspended Solids	773000	828000	107	85.0-115	

Method Blank (MB)

(MB) R4210461-1 05/06/25 13:25

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) R4210461-2 05/06/25 13:26

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hardness (colorimetric) as CaCO3	200000	202000	101	85.0-115	

L1853400-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853400-01 05/06/25 13:27 • (MS) R4210461-3 05/06/25 13:29 • (MSD) R4210461-4 05/06/25 13:30

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	60500	269000	270000	104	105	1	80.0-120			0.371	20

Method Blank (MB)

(MB) R4210459-1 05/06/25 12:45

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) R4210459-2 05/06/25 12:47

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hardness (colorimetric) as CaCO3	200000	202000	101	85.0-115	

L1854907-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1854907-07 05/06/25 13:06 • (MS) R4210459-3 05/06/25 13:07 • (MSD) R4210459-4 05/06/25 13:08

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	1390000	2420000	2430000	103	104	5	80.0-120	E	E	0.413	20

Method Blank (MB)

(MB) R4209414-2 05/03/25 09:18

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Alkalinity	4970	J	4750	20000

Sample Narrative:

BLANK: Endpoint pH 4.5

L1854602-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1854602-01 05/03/25 16:39 • (DUP) R4209414-4 05/03/25 16:47

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	156000	152000	1	2.47		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5 Headspace

L1854767-23 Original Sample (OS) • Duplicate (DUP)

(OS) L1854767-23 05/03/25 20:37 • (DUP) R4209414-6 05/03/25 21:14

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	412000	427000	1	3.56		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5 Headspace

L1855972-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1855972-01 05/03/25 20:37 • (DUP) R4209414-8 05/03/25 21:14

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	412000	427000	1	3.56		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

Laboratory Control Sample (LCS)

(LCS) R4209414-1 05/03/25 09:11

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Alkalinity	100000	106000	106	90.0-110	

Sample Narrative:

LCS: Endpoint pH 4.5

Method Blank (MB)

(MB) R4209553-1 05/03/25 17:31

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

L1854767-21 Original Sample (OS) • Duplicate (DUP)

(OS) L1854767-21 05/03/25 22:57 • (DUP) R4209553-3 05/03/25 23:10

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	ND	ND	1	0.000		15
Fluoride	ND	ND	1	0.000		15
Nitrate as (N)	ND	ND	1	0.000		15
Nitrite as (N)	ND	ND	1	0.000		15
Sulfate	ND	ND	1	0.000		15

L1854767-23 Original Sample (OS) • Duplicate (DUP)

(OS) L1854767-23 05/03/25 23:48 • (DUP) R4209553-6 05/04/25 00:13

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	63500	63800	1	0.467		15
Fluoride	952	936	1	1.64		15
Nitrate as (N)	ND	ND	1	0.000		15
Nitrite as (N)	ND	ND	1	0.000		15

L1854767-23 Original Sample (OS) • Duplicate (DUP)

(OS) L1854767-23 05/04/25 00:00 • (DUP) R4209553-7 05/04/25 00:25

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfate	394000	393000	10	0.204		15

L1855972-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1855972-01 05/03/25 23:48 • (DUP) R4209553-9 05/04/25 00:13

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	63500	63800	1	0.467		15
Fluoride	952	936	1	1.64		15
Nitrate as (N)	ND	ND	1	0.000		15
Nitrite as (N)	ND	ND	1	0.000		15

L1855972-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1855972-01 05/04/25 00:00 • (DUP) R4209553-10 05/04/25 00:25

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfate	394000	393000	10	0.204		15

Laboratory Control Sample (LCS)

(LCS) R4209553-2 05/03/25 17:43

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bromide	40000	38700	96.8	90.0-110	
Chloride	40000	37500	93.7	90.0-110	
Fluoride	8000	7600	95.0	90.0-110	
Nitrate as (N)	8000	7660	95.8	90.0-110	
Nitrite as (N)	8000	7930	99.2	90.0-110	
Sulfate	40000	38300	95.8	90.0-110	

L1854767-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1854767-21 05/03/25 22:57 • (MS) R4209553-4 05/03/25 23:23 • (MSD) R4209553-5 05/03/25 23:35

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 %
Bromide	40000	ND	39000	39400	97.4	98.5	1	90.0-110			1.16	15
Chloride	40000	ND	37800	38200	94.4	95.4	1	90.0-110			1.07	15
Fluoride	8000	ND	7680	7780	96.0	97.2	1	90.0-110			1.31	15
Nitrate as (N)	8000	ND	7710	7780	96.4	97.3	1	90.0-110			0.919	15
Nitrite as (N)	8000	ND	8020	8160	100	102	1	90.0-110			1.69	15
Sulfate	40000	ND	38500	38900	96.3	97.3	1	90.0-110			1.10	15

L1854767-23 Original Sample (OS) • Matrix Spike (MS)

(OS) L1854767-23 05/03/25 23:48 • (MS) R4209553-8 05/04/25 00:38

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Bromide	40000	ND	31900	79.7	1	90.0-110	J6
Chloride	40000	63500	88400	62.3	1	90.0-110	J6
Fluoride	8000	952	8830	98.5	1	90.0-110	
Nitrate as (N)	8000	ND	7810	97.7	1	90.0-110	
Nitrite as (N)	8000	ND	8580	107	1	90.0-110	
Sulfate	40000	392000	321000	0.000	1	90.0-110	E V

L1855972-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1855972-01 05/03/25 23:48 • (MS) R4209553-11 05/04/25 00:38

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Bromide	40000	ND	31900	79.7	1	90.0-110	J6
Chloride	40000	63500	88400	62.3	1	90.0-110	J6
Fluoride	8000	952	8830	98.5	1	90.0-110	
Nitrate as (N)	8000	ND	7810	97.7	1	90.0-110	
Nitrite as (N)	8000	ND	8580	107	1	90.0-110	
Sulfate	40000	392000	321000	0.000	1	90.0-110	E V

QUALITY CONTROL SUMMARY

L1854767-01,03,05,07,11,13,15,17

Method Blank (MB)

(MB) R4209587-1 05/04/25 18:32

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

L1854767-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1854767-01 05/04/25 18:35 • (DUP) R4209587-3 05/04/25 18:36

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Ammonia Nitrogen	302	301	1	0.332		10

L1854907-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1854907-07 05/04/25 19:00 • (DUP) R4209587-5 05/04/25 19:02

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Ammonia Nitrogen	ND	ND	1	6.06		10

Laboratory Control Sample (LCS)

(LCS) R4209587-2 05/04/25 18:33

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Ammonia Nitrogen	7500	7640	102	90.0-110	

L1854767-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1854767-01 05/04/25 18:35 • (MS) R4209587-4 05/04/25 18:38

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
	ug/l	ug/l	ug/l	%		%	
Ammonia Nitrogen	5000	302	5180	97.5	1	90.0-110	

L1854907-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1854907-07 05/04/25 19:00 • (MS) R4209587-6 05/04/25 19:03 • (MSD) R4209587-7 05/04/25 19:05

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	%	%		%			%	%
Ammonia Nitrogen	5000	ND	4770	4670	94.0	92.1	1	90.0-110			2.10	10

QUALITY CONTROL SUMMARY

L1854767-19,21

Method Blank (MB)

(MB) R4209589-1 05/04/25 20:45

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

L1853664-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1853664-01 05/04/25 20:48 • (DUP) R4209589-3 05/04/25 20:50

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Ammonia Nitrogen	149	142	1	4.81		10

L1853823-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1853823-01 05/04/25 21:12 • (DUP) R4209589-5 05/04/25 21:14

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Ammonia Nitrogen	ND	ND	1	1.12		10

Laboratory Control Sample (LCS)

(LCS) R4209589-2 05/04/25 20:47

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Ammonia Nitrogen	7500	7610	102	90.0-110	

L1853664-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1853664-01 05/04/25 20:48 • (MS) R4209589-4 05/04/25 20:51

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
	ug/l	ug/l	ug/l	%		%	
Ammonia Nitrogen	5000	149	4930	95.5	1	90.0-110	

L1853823-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853823-01 05/04/25 21:12 • (MS) R4209589-6 05/04/25 21:15 • (MSD) R4209589-7 05/04/25 21:17

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	%	%		%			%	%
Ammonia Nitrogen	5000	ND	4820	4830	94.6	94.8	1	90.0-110			0.145	10

Method Blank (MB)

(MB) R4210125-1 05/05/25 22:01

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

L1852540-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1852540-01 05/05/25 22:06 • (DUP) R4210125-5 05/05/25 22:08

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Kjeldahl Nitrogen, TKN	2540	2610	1	2.61		20

L1852540-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1852540-02 05/05/25 22:09 • (DUP) R4210125-6 05/05/25 22:10

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Kjeldahl Nitrogen, TKN	1610	2240	1	32.7	J3	20

Laboratory Control Sample (LCS)

(LCS) R4210125-2 05/05/25 22:03

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Kjeldahl Nitrogen, TKN	12000	12100	101	90.0-110	

L1852108-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852108-02 05/05/25 22:04 • (MS) R4210125-3 05/05/25 22:04 • (MSD) R4210125-4 05/05/25 22:05

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	%	%		%			%	%
Kjeldahl Nitrogen, TKN	5000	1080	7330	7140	125	121	1	90.0-110	J5	J5	2.58	20

L1852542-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1852542-01 05/05/25 22:11 • (MS) R4210125-7 05/05/25 22:12

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
	ug/l	ug/l	ug/l	%		%	
Kjeldahl Nitrogen, TKN	5000	1760	6670	98.3	1	90.0-110	

L1852547-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852547-01 05/05/25 22:17 • (MS) R4210125-8 05/05/25 22:18 • (MSD) R4210125-9 05/05/25 22:19

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	2040	7750	7700	114	113	1	90.0-110	J5	J5	0.610	20

Method Blank (MB)

(MB) R4210084-1 05/05/25 20:56

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

L1852200-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1852200-02 05/05/25 21:07 • (DUP) R4210084-5 05/05/25 21:08

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Kjeldahl Nitrogen, TKN	30500	32400	5	5.99		20

L1852200-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1852200-03 05/05/25 21:09 • (DUP) R4210084-6 05/05/25 21:11

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Kjeldahl Nitrogen, TKN	4220	4180	1	0.898		20

Laboratory Control Sample (LCS)

(LCS) R4210084-2 05/05/25 20:57

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Kjeldahl Nitrogen, TKN	12000	12100	101	90.0-110	

L1852061-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852061-01 05/05/25 20:59 • (MS) R4210084-3 05/05/25 21:00 • (MSD) R4210084-4 05/05/25 21:01

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	%	%		%			%	%
Kjeldahl Nitrogen, TKN	5000	1010	7000	7040	120	121	1	90.0-110	J5	J5	0.510	20

L1852591-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1852591-01 05/05/25 21:11 • (MS) R4210084-7 05/05/25 21:13

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
	ug/l	ug/l	ug/l	%		%	
Kjeldahl Nitrogen, TKN	5000	2560	7360	96.1	1	90.0-110	

Method Blank (MB)

(MB) R4209889-1 05/05/25 14:33

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

L1852540-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1852540-01 05/05/25 14:39 • (DUP) R4209889-5 05/05/25 14:41

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Phosphorus,Total	193	201	1	4.06		20

L1852540-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1852540-02 05/05/25 14:42 • (DUP) R4209889-6 05/05/25 14:43

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Phosphorus,Total	115	143	1	21.7	P1	20

Laboratory Control Sample (LCS)

(LCS) R4209889-2 05/05/25 14:34

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Phosphorus,Total	3370	3370	100	85.0-115	

L1852108-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852108-02 05/05/25 14:35 • (MS) R4209889-3 05/05/25 14:37 • (MSD) R4209889-4 05/05/25 14:38

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 %
Phosphorus,Total	2500	156	2600	2550	97.8	95.8	1	90.0-110			1.94	20

L1852547-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852547-01 05/05/25 14:53 • (MS) R4209889-8 05/05/25 14:55 • (MSD) R4209889-9 05/05/25 14:56

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	135	2540	2540	96.2	96.2	1	90.0-110			0.000	20

Method Blank (MB)

(MB) R4210038-1 05/05/25 18:01

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Phosphorus,Total	95.6	J	64.2	100

L1852200-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1852200-02 05/05/25 18:18 • (DUP) R4210038-5 05/05/25 18:19

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Phosphorus,Total	430	376	1	13.4		20

L1852200-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1852200-03 05/05/25 18:20 • (DUP) R4210038-6 05/05/25 18:21

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

Laboratory Control Sample (LCS)

(LCS) R4210038-2 05/05/25 18:02

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Phosphorus,Total	3370	3210	95.3	85.0-115	

L1852061-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852061-01 05/05/25 18:06 • (MS) R4210038-3 05/05/25 18:07 • (MSD) R4210038-4 05/05/25 18:09

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 %
Phosphorus,Total	2500	865	3040	3160	87.0	91.8	1	90.0-110	J6		3.87	20

Method Blank (MB)

(MB) R4209421-2 05/03/25 16:22

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

L1854640-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1854640-02 05/03/25 17:38 • (DUP) R4209421-5 05/03/25 17:51

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	1250	1160	1	7.56		20

L1854641-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1854641-02 05/03/25 21:18 • (DUP) R4209421-8 05/03/25 21:31

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	ND	ND	1	4.73		20

Laboratory Control Sample (LCS)

(LCS) R4209421-1 05/03/25 16:10

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	25000	25500	102	80.0-120	

L1854640-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1854640-01 05/03/25 16:53 • (MS) R4209421-3 05/03/25 17:09 • (MSD) R4209421-4 05/03/25 17:25

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	1170	26500	26700	101	102	1	75.0-125			0.714	20

L1854641-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1854641-01 05/03/25 20:33 • (MS) R4209421-6 05/03/25 20:49 • (MSD) R4209421-7 05/03/25 21:06

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	1050	27000	26600	104	102	1	75.0-125			1.38	20

Method Blank (MB)

(MB) R4209388-1 05/03/25 18:38

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

L1854338-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1854338-01 05/03/25 18:43 • (DUP) R4209388-3 05/03/25 18:43

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
MBAS	209	206	1	1.45		20

L1854767-23 Original Sample (OS) • Duplicate (DUP)

(OS) L1854767-23 05/03/25 19:09 • (DUP) R4209388-6 05/03/25 19:09

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
MBAS	160	161	1	0.623		20

Laboratory Control Sample (LCS)

(LCS) R4209388-2 05/03/25 18:38

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
MBAS	1000	999	99.9	85.0-115	

L1854767-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1854767-21 05/03/25 19:08 • (MS) R4209388-4 05/03/25 19:08 • (MSD) R4209388-5 05/03/25 19:08

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	ND	1100	1060	110	106	1	85.0-115			3.78	20

Method Blank (MB)

(MB) R4209618-1 05/04/25 17:58

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

L1854767-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1854767-07 05/04/25 18:47 • (DUP) R4209618-3 05/04/25 18:57

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

L1854907-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1854907-15 05/04/25 22:03 • (DUP) R4209618-7 05/04/25 22:12

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

Laboratory Control Sample (LCS)

(LCS) R4209618-2 05/04/25 18:08

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexavalent Chromium	2.00	1.98	98.9	90.0-110	

QUALITY CONTROL SUMMARY

L1854767-19,21

Method Blank (MB)

(MB) R4209619-1 05/04/25 23:21

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

L1854767-21 Original Sample (OS) • Duplicate (DUP)

(OS) L1854767-21 05/05/25 00:10 • (DUP) R4209619-5 05/05/25 00:20

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

Laboratory Control Sample (LCS)

(LCS) R4209619-2 05/04/25 23:31

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexavalent Chromium	2.00	1.98	98.9	90.0-110	

L1854767-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1854767-19 05/04/25 23:41 • (MS) R4209619-3 05/04/25 23:50 • (MSD) R4209619-4 05/05/25 00:00

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 %
Hexavalent Chromium	50.0	ND	48.2	48.5	96.4	97.1	1	90.0-110			0.725	20

L1854500-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1854500-04 05/03/25 17:22 • (DUP) R4209405-2 05/03/25 17:22

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	8.30	8.29	1	0.121		1

Sample Narrative:

OS: 8.3 at 20.2C

DUP: 8.29 at 20.2C

L1854767-23 Original Sample (OS) • Duplicate (DUP)

(OS) L1854767-23 05/03/25 17:22 • (DUP) R4209405-3 05/03/25 17:22

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	9.14	9.14	1	0.000		1

Sample Narrative:

OS: 9.14 at 20.1C

DUP: 9.14 at 20.3C

Laboratory Control Sample (LCS)

(LCS) R4209405-1 05/03/25 17:22

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

Sample Narrative:

LCS: 9.99 at 19.9C

QUALITY CONTROL SUMMARY

L1854767-01,03,05,07,11,13,15,17,19,21

Method Blank (MB)

(MB) R4209416-1 05/03/25 20:46

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) R4209416-2 05/03/25 20:48

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	3.00	3.05	102	80.0-120	

L1854767-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1854767-01 05/03/25 20:51 • (MS) R4209416-4 05/03/25 21:01 • (MSD) R4209416-5 05/03/25 21:04

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	2.92	2.98	97.4	99.4	1	75.0-125			2.02	20

Method Blank (MB)

(MB) R4209481-1 05/04/25 11:16

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
Beryllium	U		0.200	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) R4209529-1 05/04/25 16:30

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) R4209481-2 05/04/25 11:19

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aluminum	1000	980	98.0	80.0-120	
Antimony	50.0	51.8	104	80.0-120	
Arsenic	50.0	47.1	94.1	80.0-120	
Barium	50.0	46.5	93.0	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4209481-2 05/04/25 11:19

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Beryllium	50.0	47.5	95.0	80.0-120	
Cadmium	50.0	48.3	96.7	80.0-120	
Calcium	5000	4800	96.0	80.0-120	
Chromium	50.0	48.3	96.5	80.0-120	
Copper	50.0	48.5	97.0	80.0-120	
Cobalt	50.0	48.6	97.2	80.0-120	
Iron	1000	949	94.9	80.0-120	
Lead	50.0	46.9	93.8	80.0-120	
Magnesium	5000	4780	95.6	80.0-120	
Manganese	50.0	48.6	97.2	80.0-120	
Nickel	50.0	48.9	97.8	80.0-120	
Potassium	5000	4760	95.1	80.0-120	
Selenium	50.0	46.0	92.0	80.0-120	
Silver	50.0	48.5	97.0	80.0-120	
Sodium	5000	4830	96.5	80.0-120	
Thallium	50.0	46.0	92.1	80.0-120	
Vanadium	50.0	47.8	95.6	80.0-120	
Zinc	50.0	47.1	94.2	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4209529-2 05/04/25 16:33

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Boron	50.0	46.1	92.2	80.0-120	

L1854767-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1854767-01 05/04/25 11:23 • (MS) R4209481-4 05/04/25 11:29 • (MSD) R4209481-5 05/04/25 11:32

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 %
Aluminum	1000	163	1150	1120	98.6	96.2	1	75.0-125			2.17	20
Antimony	50.0	ND	54.9	55.2	110	110	1	75.0-125			0.510	20
Arsenic	50.0	ND	49.5	49.4	96.0	95.7	1	75.0-125			0.229	20
Barium	50.0	31.2	80.7	82.7	99.1	103	1	75.0-125			2.45	20
Beryllium	50.0	ND	46.7	46.7	93.4	93.5	1	75.0-125			0.0808	20
Cadmium	50.0	ND	49.0	49.0	97.9	98.0	1	75.0-125			0.111	20
Calcium	5000	241000	261000	261000	389	396	1	75.0-125	V	V	0.131	20
Chromium	50.0	ND	48.7	48.7	97.4	97.3	1	75.0-125			0.0505	20

L1854767-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1854767-01 05/04/25 11:23 • (MS) R4209481-4 05/04/25 11:29 • (MSD) R4209481-5 05/04/25 11:32

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 %
Copper	50.0	ND	51.0	51.7	93.4	94.7	1	75.0-125			1.30	20
Cobalt	50.0	ND	48.8	48.8	95.6	95.6	1	75.0-125			0.0389	20
Iron	1000	178	1130	1110	94.9	93.6	1	75.0-125			1.14	20
Lead	50.0	ND	47.7	48.1	95.5	96.2	1	75.0-125			0.724	20
Magnesium	5000	165000	182000	181000	353	333	1	75.0-125	V	V	0.554	20
Manganese	50.0	637	727	721	181	168	1	75.0-125	V	V	0.864	20
Nickel	50.0	3.25	50.3	51.0	94.1	95.5	1	75.0-125			1.38	20
Potassium	5000	8870	14300	14300	109	108	1	75.0-125			0.0572	20
Selenium	50.0	7.00	57.4	57.1	101	100	1	75.0-125			0.564	20
Silver	50.0	ND	48.5	48.9	96.9	97.8	1	75.0-125			0.934	20
Sodium	5000	275000	297000	299000	443	489	1	75.0-125	V	V	0.777	20
Thallium	50.0	ND	46.8	47.7	93.5	95.4	1	75.0-125			1.94	20
Vanadium	50.0	ND	50.6	51.0	97.3	98.0	1	75.0-125			0.752	20
Zinc	50.0	ND	47.2	49.3	94.4	98.6	1	75.0-125			4.44	20

L1854767-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1854767-01 05/04/25 16:37 • (MS) R4209529-4 05/04/25 16:43 • (MSD) R4209529-5 05/04/25 16:46

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	417	489	520	146	206	5	75.0-125	V	V	5.99	20

QUALITY CONTROL SUMMARY

L1854767-01,03,05,07,11,13,15,17,19,21

Method Blank (MB)

(MB) R4209525-1 05/04/25 13:44

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) R4209525-2 05/04/25 13:47

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aluminum,Dissolved	1000	978	97.8	80.0-120	
Arsenic,Dissolved	50.0	47.2	94.4	80.0-120	
Cadmium,Dissolved	50.0	49.5	99.1	80.0-120	
Chromium,Dissolved	50.0	49.0	97.9	80.0-120	
Copper,Dissolved	50.0	49.0	97.9	80.0-120	
Lead,Dissolved	50.0	47.6	95.2	80.0-120	
Manganese,Dissolved	50.0	48.4	96.7	80.0-120	
Nickel,Dissolved	50.0	49.3	98.5	80.0-120	
Selenium,Dissolved	50.0	48.4	96.7	80.0-120	
Silver,Dissolved	50.0	48.9	97.8	80.0-120	
Zinc,Dissolved	50.0	46.9	93.8	80.0-120	

L1854767-23 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1854767-23 05/04/25 13:50 • (MS) R4209525-4 05/04/25 13:57 • (MSD) R4209525-5 05/04/25 14:00

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 %
Aluminum,Dissolved	1000	ND	941	949	92.4	93.2	1	75.0-125			0.860	20
Arsenic,Dissolved	50.0	5.29	51.5	52.9	92.5	95.2	1	75.0-125			2.57	20
Cadmium,Dissolved	50.0	ND	47.9	50.0	95.8	100	1	75.0-125			4.26	20
Chromium,Dissolved	50.0	ND	46.8	49.1	93.6	98.1	1	75.0-125			4.66	20
Copper,Dissolved	50.0	ND	48.9	50.3	95.9	98.7	1	75.0-125			2.88	20

L1854767-23 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1854767-23 05/04/25 13:50 • (MS) R4209525-4 05/04/25 13:57 • (MSD) R4209525-5 05/04/25 14:00

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 %
Lead,Dissolved	50.0	ND	46.3	47.5	92.6	95.0	1	75.0-125			2.50	20
Manganese,Dissolved	50.0	18.5	64.0	66.9	91.0	96.8	1	75.0-125			4.43	20
Nickel,Dissolved	50.0	3.54	50.6	51.7	94.0	96.3	1	75.0-125			2.20	20
Selenium,Dissolved	50.0	ND	46.9	51.8	90.9	101	1	75.0-125			9.83	20
Silver,Dissolved	50.0	ND	47.5	48.9	95.1	97.9	1	75.0-125			2.90	20
Zinc,Dissolved	50.0	ND	45.9	47.1	91.8	94.1	1	75.0-125			2.55	20

Method Blank (MB)

(MB) R4209458-2 05/03/25 12:38

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) R4209458-1 05/03/25 11:33

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5000	5570	111	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*105*	*78.0-120*	

Method Blank (MB)

(MB) R4209447-3 05/03/25 13:34

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) R4209447-3 05/03/25 13:34

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	*98.2*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*

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

(LCS) R4209447-1 05/03/25 12:37 • (LCSD) R4209447-2 05/03/25 12:56

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	52.8	53.9	211	216	19.0-160	J4	J4	2.06	27
Acrolein	25.0	26.5	29.3	106	117	10.0-160			10.0	26
Acrylonitrile	25.0	33.6	34.5	134	138	55.0-149			2.64	20
Benzene	5.00	4.87	4.93	97.4	98.6	70.0-123			1.22	20

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

(LCS) R4209447-1 05/03/25 12:37 • (LCSD) R4209447-2 05/03/25 12:56

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	5.16	5.02	103	100	73.0-121			2.75	20
Bromodichloromethane	5.00	5.44	5.44	109	109	75.0-120			0.000	20
Bromoform	5.00	5.27	5.38	105	108	68.0-132			2.07	20
Bromomethane	5.00	4.23	4.71	84.6	94.2	10.0-160			10.7	25
n-Butylbenzene	5.00	4.89	4.57	97.8	91.4	73.0-125			6.77	20
sec-Butylbenzene	5.00	5.13	5.09	103	102	75.0-125			0.783	20
tert-Butylbenzene	5.00	5.20	5.17	104	103	76.0-124			0.579	20
Carbon tetrachloride	5.00	5.34	5.67	107	113	68.0-126			5.99	20
Chlorobenzene	5.00	5.10	5.13	102	103	80.0-121			0.587	20
Chlorodibromomethane	5.00	5.07	5.15	101	103	77.0-125			1.57	20
Chloroethane	5.00	4.60	5.20	92.0	104	47.0-150			12.2	20
Chloroform	5.00	4.64	4.89	92.8	97.8	73.0-120			5.25	20
Chloromethane	5.00	4.46	4.71	89.2	94.2	41.0-142			5.45	20
2-Chlorotoluene	5.00	4.96	4.93	99.2	98.6	76.0-123			0.607	20
4-Chlorotoluene	5.00	4.98	4.94	99.6	98.8	75.0-122			0.806	20
1,2-Dibromo-3-Chloropropane	5.00	6.50	6.39	130	128	58.0-134			1.71	20
1,2-Dibromoethane	5.00	5.21	5.13	104	103	80.0-122			1.55	20
Dibromomethane	5.00	5.34	5.46	107	109	80.0-120			2.22	20
1,2-Dichlorobenzene	5.00	5.47	5.24	109	105	79.0-121			4.30	20
1,3-Dichlorobenzene	5.00	5.09	5.10	102	102	79.0-120			0.196	20
1,4-Dichlorobenzene	5.00	5.25	5.29	105	106	79.0-120			0.759	20
Dichlorodifluoromethane	5.00	5.02	5.60	100	112	51.0-149			10.9	20
1,1-Dichloroethane	5.00	5.00	5.18	100	104	70.0-126			3.54	20
1,2-Dichloroethane	5.00	5.68	5.58	114	112	70.0-128			1.78	20
1,1-Dichloroethene	5.00	4.67	4.95	93.4	99.0	71.0-124			5.82	20
cis-1,2-Dichloroethene	5.00	4.65	4.94	93.0	98.8	73.0-120			6.05	20
trans-1,2-Dichloroethene	5.00	4.70	4.90	94.0	98.0	73.0-120			4.17	20
1,2-Dichloropropane	5.00	5.16	4.98	103	99.6	77.0-125			3.55	20
1,1-Dichloropropene	5.00	4.80	4.88	96.0	97.6	74.0-126			1.65	20
1,3-Dichloropropane	5.00	5.09	5.20	102	104	80.0-120			2.14	20
cis-1,3-Dichloropropene	5.00	5.07	5.07	101	101	80.0-123			0.000	20
trans-1,3-Dichloropropene	5.00	4.60	4.57	92.0	91.4	78.0-124			0.654	20
2,2-Dichloropropane	5.00	4.24	4.39	84.8	87.8	58.0-130			3.48	20
Di-isopropyl ether	5.00	5.06	5.22	101	104	58.0-138			3.11	20
Ethylbenzene	5.00	4.82	4.90	96.4	98.0	79.0-123			1.65	20
Hexachloro-1,3-butadiene	5.00	5.49	5.42	110	108	54.0-138			1.28	20
Isopropylbenzene	5.00	5.05	5.18	101	104	76.0-127			2.54	20
p-Isopropyltoluene	5.00	5.02	4.87	100	97.4	76.0-125			3.03	20
2-Butanone (MEK)	25.0	35.8	33.0	143	132	44.0-160			8.14	20
Methylene Chloride	5.00	4.53	4.76	90.6	95.2	67.0-120			4.95	20

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

(LCS) R4209447-1 05/03/25 12:37 • (LCSD) R4209447-2 05/03/25 12:56

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	30.1	29.7	120	119	68.0-142			1.34	20
Methyl tert-butyl ether	5.00	5.11	5.29	102	106	68.0-125			3.46	20
Naphthalene	5.00	5.07	5.18	101	104	54.0-135			2.15	20
n-Propylbenzene	5.00	5.30	5.14	106	103	77.0-124			3.07	20
Styrene	5.00	4.36	4.43	87.2	88.6	73.0-130			1.59	20
1,1,1,2-Tetrachloroethane	5.00	5.85	5.82	117	116	75.0-125			0.514	20
1,1,2,2-Tetrachloroethane	5.00	4.87	4.92	97.4	98.4	65.0-130			1.02	20
1,1,2-Trichlorotrifluoroethane	5.00	4.91	5.14	98.2	103	69.0-132			4.58	20
Tetrachloroethene	5.00	5.23	5.05	105	101	72.0-132			3.50	20
Toluene	5.00	4.80	4.86	96.0	97.2	79.0-120			1.24	20
1,2,3-Trichlorobenzene	5.00	5.06	4.87	101	97.4	50.0-138			3.83	20
1,2,4-Trichlorobenzene	5.00	4.77	4.82	95.4	96.4	57.0-137			1.04	20
1,1,1-Trichloroethane	5.00	5.06	5.28	101	106	73.0-124			4.26	20
1,1,2-Trichloroethane	5.00	5.28	5.12	106	102	80.0-120			3.08	20
Trichloroethene	5.00	5.40	5.46	108	109	78.0-124			1.10	20
Trichlorofluoromethane	5.00	4.95	5.12	99.0	102	59.0-147			3.38	20
1,2,3-Trichloropropane	5.00	5.77	5.58	115	112	73.0-130			3.35	20
1,2,4-Trimethylbenzene	5.00	5.12	5.04	102	101	76.0-121			1.57	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	5.14	5.08	103	102	76.0-122			1.17	20
Vinyl chloride	5.00	4.52	4.88	90.4	97.6	67.0-131			7.66	20
Xylenes, Total	15.0	14.4	14.6	96.0	97.3	79.0-123			1.38	20
(S) Toluene-d8				*102*	*97.2*	*80.0-120*				
(S) 4-Bromofluorobenzene				*96.8*	*98.1*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*106*	*106*	*70.0-130*				

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

Method Blank (MB)

(MB) R4209450-3 05/03/25 15:34

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) R4209450-3 05/03/25 15:34

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	*93.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*

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

(LCS) R4209450-1 05/03/25 14:31 • (LCSD) R4209450-2 05/03/25 14:52

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	28.4	29.6	114	118	19.0-160			4.14	27
Acrolein	25.0	21.9	22.6	87.6	90.4	10.0-160			3.15	26
Acrylonitrile	25.0	22.3	23.0	89.2	92.0	55.0-149			3.09	20
Benzene	5.00	4.56	4.54	91.2	90.8	70.0-123			0.440	20

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

(LCS) R4209450-1 05/03/25 14:31 • (LCSD) R4209450-2 05/03/25 14:52

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	4.08	3.94	81.6	78.8	73.0-121			3.49	20
Bromodichloromethane	5.00	4.12	4.15	82.4	83.0	75.0-120			0.726	20
Bromoform	5.00	4.04	4.24	80.8	84.8	68.0-132			4.83	20
Bromomethane	5.00	8.01	8.36	160	167	10.0-160		J4	4.28	25
n-Butylbenzene	5.00	4.07	3.90	81.4	78.0	73.0-125			4.27	20
sec-Butylbenzene	5.00	4.08	4.01	81.6	80.2	75.0-125			1.73	20
tert-Butylbenzene	5.00	4.10	4.08	82.0	81.6	76.0-124			0.489	20
Carbon tetrachloride	5.00	4.31	4.40	86.2	88.0	68.0-126			2.07	20
Chlorobenzene	5.00	4.51	4.61	90.2	92.2	80.0-121			2.19	20
Chlorodibromomethane	5.00	4.21	4.37	84.2	87.4	77.0-125			3.73	20
Chloroethane	5.00	4.34	4.45	86.8	89.0	47.0-150			2.50	20
Chloroform	5.00	4.25	4.32	85.0	86.4	73.0-120			1.63	20
Chloromethane	5.00	4.66	4.63	93.2	92.6	41.0-142			0.646	20
2-Chlorotoluene	5.00	4.21	4.12	84.2	82.4	76.0-123			2.16	20
4-Chlorotoluene	5.00	4.15	4.05	83.0	81.0	75.0-122			2.44	20
1,2-Dibromo-3-Chloropropane	5.00	3.64	3.80	72.8	76.0	58.0-134			4.30	20
1,2-Dibromoethane	5.00	4.29	4.51	85.8	90.2	80.0-122			5.00	20
Dibromomethane	5.00	4.64	4.51	92.8	90.2	80.0-120			2.84	20
1,2-Dichlorobenzene	5.00	4.51	4.38	90.2	87.6	79.0-121			2.92	20
1,3-Dichlorobenzene	5.00	4.41	4.25	88.2	85.0	79.0-120			3.70	20
1,4-Dichlorobenzene	5.00	4.20	4.12	84.0	82.4	79.0-120			1.92	20
Dichlorodifluoromethane	5.00	4.53	4.49	90.6	89.8	51.0-149			0.887	20
1,1-Dichloroethane	5.00	4.39	4.42	87.8	88.4	70.0-126			0.681	20
1,2-Dichloroethane	5.00	4.78	4.82	95.6	96.4	70.0-128			0.833	20
1,1-Dichloroethene	5.00	4.20	3.93	84.0	78.6	71.0-124			6.64	20
cis-1,2-Dichloroethene	5.00	4.35	4.46	87.0	89.2	73.0-120			2.50	20
trans-1,2-Dichloroethene	5.00	4.22	4.38	84.4	87.6	73.0-120			3.72	20
1,2-Dichloropropane	5.00	4.59	4.49	91.8	89.8	77.0-125			2.20	20
1,1-Dichloropropene	5.00	4.22	4.17	84.4	83.4	74.0-126			1.19	20
1,3-Dichloropropane	5.00	4.33	4.37	86.6	87.4	80.0-120			0.920	20
cis-1,3-Dichloropropene	5.00	4.11	4.29	82.2	85.8	80.0-123			4.29	20
trans-1,3-Dichloropropene	5.00	4.04	4.14	80.8	82.8	78.0-124			2.44	20
2,2-Dichloropropane	5.00	3.81	3.89	76.2	77.8	58.0-130			2.08	20
Di-isopropyl ether	5.00	4.59	4.69	91.8	93.8	58.0-138			2.16	20
Ethylbenzene	5.00	4.40	4.45	88.0	89.0	79.0-123			1.13	20
Hexachloro-1,3-butadiene	5.00	4.48	4.34	89.6	86.8	54.0-138			3.17	20
Isopropylbenzene	5.00	4.14	4.23	82.8	84.6	76.0-127			2.15	20
p-Isopropyltoluene	5.00	4.34	4.24	86.8	84.8	76.0-125			2.33	20
2-Butanone (MEK)	25.0	26.0	26.9	104	108	44.0-160			3.40	20
Methylene Chloride	5.00	4.22	4.30	84.4	86.0	67.0-120			1.88	20

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

(LCS) R4209450-1 05/03/25 14:31 • (LCSD) R4209450-2 05/03/25 14:52

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	21.7	22.2	86.8	88.8	68.0-142			2.28	20
Methyl tert-butyl ether	5.00	4.70	4.67	94.0	93.4	68.0-125			0.640	20
Naphthalene	5.00	2.67	2.84	53.4	56.8	54.0-135	J4		6.17	20
n-Propylbenzene	5.00	4.31	4.16	86.2	83.2	77.0-124			3.54	20
Styrene	5.00	4.25	4.39	85.0	87.8	73.0-130			3.24	20
1,1,1,2-Tetrachloroethane	5.00	4.24	4.09	84.8	81.8	75.0-125			3.60	20
1,1,2,2-Tetrachloroethane	5.00	4.03	4.04	80.6	80.8	65.0-130			0.248	20
1,1,2-Trichlorotrifluoroethane	5.00	4.78	4.43	95.6	88.6	69.0-132			7.60	20
Tetrachloroethene	5.00	4.43	4.57	88.6	91.4	72.0-132			3.11	20
Toluene	5.00	4.32	4.39	86.4	87.8	79.0-120			1.61	20
1,2,3-Trichlorobenzene	5.00	3.95	4.03	79.0	80.6	50.0-138			2.01	20
1,2,4-Trichlorobenzene	5.00	3.56	3.54	71.2	70.8	57.0-137			0.563	20
1,1,1-Trichloroethane	5.00	4.30	4.20	86.0	84.0	73.0-124			2.35	20
1,1,2-Trichloroethane	5.00	4.30	4.31	86.0	86.2	80.0-120			0.232	20
Trichloroethene	5.00	4.54	4.65	90.8	93.0	78.0-124			2.39	20
Trichlorofluoromethane	5.00	5.34	5.49	107	110	59.0-147			2.77	20
1,2,3-Trichloropropane	5.00	4.26	4.36	85.2	87.2	73.0-130			2.32	20
1,2,4-Trimethylbenzene	5.00	4.23	4.25	84.6	85.0	76.0-121			0.472	20
1,2,3-Trimethylbenzene	5.00	4.52	4.34	90.4	86.8	77.0-120			4.06	20
1,3,5-Trimethylbenzene	5.00	4.48	4.31	89.6	86.2	76.0-122			3.87	20
Vinyl chloride	5.00	4.40	4.33	88.0	86.6	67.0-131			1.60	20
Xylenes, Total	15.0	13.1	13.6	87.3	90.7	79.0-123			3.75	20
(S) Toluene-d8				*99.4*	*99.7*	*80.0-120*				
(S) 4-Bromofluorobenzene				*98.6*	*98.6*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*101*	*103*	*70.0-130*				

Method Blank (MB)

(MB) R4209434-1 05/03/25 19:41

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	*141*			*52.0-156*

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

(LCS) R4209434-2 05/03/25 20:01 • (LCSD) R4209434-3 05/03/25 20:22

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
C10-C28 Diesel Range	1500	1450	1400	96.7	93.3	50.0-150			3.51	20
(S) o-Terphenyl				*115*	*114*	*52.0-156*				

Method Blank (MB)

(MB) R4209528-3 05/04/25 03:37

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) R4209528-3 05/04/25 03:37

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	*38.0*			*10.0-120*
(S) Phenol-d5	*27.4*			*10.0-120*
(S) Nitrobenzene-d5	*74.6*			*10.0-127*
(S) 2-Fluorobiphenyl	*61.2*			*10.0-130*
(S) 2,4,6-Tribromophenol	*66.5*			*10.0-155*
(S) p-Terphenyl-d14	*67.7*			*10.0-128*

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

(LCS) R4209528-1 05/04/25 02:53 • (LCSD) R4209528-2 05/04/25 03:15

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 %
Acenaphthene	50.0	34.9	34.5	69.8	69.0	41.0-120			1.15	22
Acenaphthylene	50.0	39.8	39.0	79.6	78.0	43.0-120			2.03	22
Anthracene	50.0	38.4	38.2	76.8	76.4	45.0-120			0.522	20
Benzidine	100	9.25	9.08	9.25	9.08	10.0-120	J4	J4	1.85	36
Benzo(a)anthracene	50.0	38.9	37.9	77.8	75.8	47.0-120			2.60	20
Benzo(b)fluoranthene	50.0	38.0	36.5	76.0	73.0	46.0-120			4.03	20
Benzo(k)fluoranthene	50.0	36.4	35.3	72.8	70.6	46.0-120			3.07	21
Benzo(g,h,i)perylene	50.0	34.8	34.6	69.6	69.2	48.0-121			0.576	20
Benzo(a)pyrene	50.0	34.2	33.3	68.4	66.6	47.0-120			2.67	20

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

(LCS) R4209528-1 05/04/25 02:53 • (LCSD) R4209528-2 05/04/25 03:15

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 %
Bis(2-chlorethoxy)methane	50.0	32.9	33.0	65.8	66.0	33.0-120			0.303	24
Bis(2-chloroethyl)ether	50.0	32.4	34.5	64.8	69.0	23.0-120			6.28	33
2,2-Oxybis(1-Chloropropane)	50.0	36.1	35.1	72.2	70.2	28.0-120			2.81	31
4-Bromophenyl-phenylether	50.0	40.1	41.1	80.2	82.2	45.0-120			2.46	20
2-Chloronaphthalene	50.0	33.1	32.6	66.2	65.2	37.0-120			1.52	25
4-Chlorophenyl-phenylether	50.0	40.5	39.8	81.0	79.6	44.0-120			1.74	20
Chrysene	50.0	35.1	34.9	70.2	69.8	48.0-120			0.571	20
Dibenz(a,h)anthracene	50.0	39.2	38.0	78.4	76.0	47.0-120			3.11	20
1,2-Dichlorobenzene	50.0	33.8	34.9	67.6	69.8	20.0-120			3.20	34
1,3-Dichlorobenzene	50.0	33.5	33.9	67.0	67.8	17.0-120			1.19	35
1,4-Dichlorobenzene	50.0	34.6	34.9	69.2	69.8	18.0-120			0.863	34
3,3-Dichlorobenzidine	100	74.8	72.2	74.8	72.2	44.0-120			3.54	20
2,4-Dinitrotoluene	50.0	46.7	46.1	93.4	92.2	49.0-124			1.29	20
2,6-Dinitrotoluene	50.0	43.1	41.3	86.2	82.6	46.0-120			4.27	21
Fluoranthene	50.0	45.4	44.9	90.8	89.8	51.0-120			1.11	20
Fluorene	50.0	38.8	37.4	77.6	74.8	47.0-120			3.67	20
Hexachlorobenzene	50.0	37.4	36.8	74.8	73.6	44.0-120			1.62	20
Hexachloro-1,3-butadiene	50.0	31.6	32.2	63.2	64.4	19.0-120			1.88	32
Hexachlorocyclopentadiene	50.0	18.0	19.9	36.0	39.8	15.0-120			10.0	31
Hexachloroethane	50.0	34.9	36.0	69.8	72.0	15.0-120			3.10	37
Indeno(1,2,3-cd)pyrene	50.0	35.4	34.8	70.8	69.6	49.0-122			1.71	20
Isophorone	50.0	39.6	40.0	79.2	80.0	36.0-120			1.01	23
1-Methylnaphthalene	50.0	36.4	35.8	72.8	71.6	33.0-120			1.66	24
2-Methylnaphthalene	50.0	36.5	35.9	73.0	71.8	33.0-120			1.66	25
Naphthalene	50.0	31.2	31.2	62.4	62.4	27.0-120			0.000	27
Nitrobenzene	50.0	38.2	36.3	76.4	72.6	27.0-120			5.10	29
n-Nitrosodimethylamine	50.0	25.4	26.8	50.8	53.6	10.0-120			5.36	40
n-Nitrosodiphenylamine	50.0	33.7	35.0	67.4	70.0	47.0-120			3.78	20
n-Nitrosodi-n-propylamine	50.0	44.5	44.5	89.0	89.0	31.0-120			0.000	28
Phenanthrene	50.0	36.6	36.8	73.2	73.6	46.0-120			0.545	20
Benzylbutyl phthalate	50.0	38.7	38.5	77.4	77.0	43.0-121			0.518	20
Bis(2-ethylhexyl)phthalate	50.0	37.8	36.5	75.6	73.0	43.0-122			3.50	20
Di-n-butyl phthalate	50.0	47.1	46.3	94.2	92.6	49.0-121			1.71	20
Diethyl phthalate	50.0	46.3	45.3	92.6	90.6	48.0-122			2.18	20
Dimethyl phthalate	50.0	44.2	43.7	88.4	87.4	48.0-120			1.14	20
Di-n-octyl phthalate	50.0	39.6	38.7	79.2	77.4	42.0-125			2.30	20
Pyrene	50.0	34.6	34.9	69.2	69.8	47.0-120			0.863	20
1,2,4-Trichlorobenzene	50.0	34.2	33.4	68.4	66.8	24.0-120			2.37	29
4-Chloro-3-methylphenol	50.0	32.3	35.5	64.6	71.0	40.0-120			9.44	21
2-Chlorophenol	50.0	23.6	25.9	47.2	51.8	25.0-120			9.29	35

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

(LCS) R4209528-1 05/04/25 02:53 • (LCSD) R4209528-2 05/04/25 03:15

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 %
2,4-Dichlorophenol	50.0	31.0	34.7	62.0	69.4	36.0-120			11.3	26
2,4-Dimethylphenol	50.0	27.6	29.3	55.2	58.6	33.0-120			5.98	26
4,6-Dinitro-2-methylphenol	50.0	38.0	40.4	76.0	80.8	38.0-138			6.12	25
2,4-Dinitrophenol	50.0	29.2	32.4	58.4	64.8	10.0-120			10.4	39
2-Nitrophenol	50.0	34.2	35.6	68.4	71.2	31.0-120			4.01	29
4-Nitrophenol	50.0	13.5	13.8	27.0	27.6	10.0-120			2.20	33
Pentachlorophenol	50.0	21.2	22.8	42.4	45.6	23.0-120			7.27	25
Phenol	50.0	14.3	14.8	28.6	29.6	10.0-120			3.44	36
2,4,6-Trichlorophenol	50.0	35.7	37.9	71.4	75.8	42.0-120			5.98	23
(S) 2-Fluorophenol				*35.3*	*37.5*	*10.0-120*				
(S) Phenol-d5				*28.7*	*28.6*	*10.0-120*				
(S) Nitrobenzene-d5				*65.6*	*66.9*	*10.0-127*				
(S) 2-Fluorobiphenyl				*65.1*	*64.3*	*10.0-130*				
(S) 2,4,6-Tribromophenol				*78.5*	*79.0*	*10.0-155*				
(S) p-Terphenyl-d14				*70.1*	*69.6*	*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.
C7	The initial calibration verification standard (SSCV) associated with this data responded high.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
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.

GLOSSARY OF TERMS

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

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

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

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

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

Pace® Location Requested (City/State):

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

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY- Affix Workorder/Login Label Here

MuH

Sample Receipt Checklist

eal Present/Intact:	Y N NP	If Applicable	
igned/Accurate:	Y N	VOA Zero Headspace:	Y N
es arrive intact:	Y N	Pres. Correct/Check:	Y N
ct bottles used:	Y N		
cient volume sent:	Y N	Condition: NCF	OK
reen <0.5 mR/hr:	Y N		

Company Name: CTEH, LLC

Street Address: 5120 North Shore Drive, North Little Rock, AR 72118

Contact/Report To: Lab Results, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman

Phone #:

E-Mail: labresults@cteh.com; kylelawrence@cteh.com; tmcmullin@cteh.com; ahenault@cteh.com

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

Customer Project #: PROJ-054017

Invoice to: CTEH

Project Name: Bishop 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 **

6x7	5x2	3x1	3x1	10x1	1x2	3,4	3x2	3x1	2x1
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	SVOCs 8270E	Total Metals 6020B; Hardness 130.1	Dissolved Metals 6020B	Hexavalent Chromium	TDS; TSS	Anions; Alkalinity; pH	Total Phosphorus; Total Nitrogen; TKN;	TOC	MBAS	Sample Comment
GACO0502W001	SW	G	-	-	5/2/2025	0723	19	-	-	X	X	X	X	X	X	X	X	X	X	-01
GACO0502T001	OT	-	-	-	5/2/2025	0700	1	-	-	X	-	-	-	-	-	-	-	-	-	-02

Lab Use Only: Proj. Mgr: 546-Jared Starkey; AcctNum / Client ID: CTEHEP; Table #: M074; Profile / T271979; Prelog / Bottle Ord. ID: L853467

Preservation non-conformance identified for

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: Eric Powell

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	5/2/25 /1800	PACE	5/2/25 /1800
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
		Eaton Orgn	5/3/25 1400
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

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

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: Lab Results, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman

Phone #:

E-Mail: labresults@cteh.com; kylelawrence@cteh.com; tmcmullin@cteh.com; ahenault@cteh.com

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

Customer Project #: PROJ-054017

Invoice to: CTEH

Project Name: Bishop 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 2	3 x 1	2 x 1
4	1	2	2	11	1	1	3	3	1

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

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	SVOCs 8270E	Total Metals 6020B; Hardness 130.1	Dissolved Metals 6020B	Hexavalent Chromium	TDS; TSS	Anions; Alkalinity; pH	Total Phosphorus; Total Nitrogen; TKN;	TOC	MBAS	Sample Comment
GACO0502V001	SW	G	-	-	5/2/2025	0723	19	-	-	X	X	X	X	X	X	X	X	X	X	-03
GACO0502T002	OT	-	-	-	5/2/2025	0700	1	-	-	X	-	-	-	-	-	-	-	-	-	-04

Lab Use Only: Proj. Mgr: 546-Jared Starkey; AcctNum / Client ID: CTEHER; Table #: LK054707; 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: Eric Powell 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:
/CTEH	5/2/25 1800	PACE	5/2/25 1800	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) Exton Dom	Date/Time: 5/3/25 1400	Delivered by: [ ] In- Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 02 of 11

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: Lab Results, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman

Phone #:

E-Mail: labresults@cteh.com; kylelawrence@cteh.com; tmcmullin@cteh.com; ahenault@cteh.com

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

Customer Project #: PROJ-054017

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 2	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	SVOCs 8270E	Total Metals 6020B; Hardness 130.1	Dissolved Metals 6020B	Hexavalent Chromium	TDS; TSS	Anions; Alkalinity; pH	Total Phosphorus; Total Nitrogen; TKN;	TOC	MBAS	Sample Comment
GACO0502W002	SW	G	-	-	5/2/2025	0804	19	-	-	X	X	X	X	X	X	X	X	X	X	-05
GACO0502T003	OT	-	-	-	5/2/2025	0700	1	-	-	X	-	-	-	-	-	-	-	-	-	-06

EP

**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 #: DW854767

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: Eric Powell 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	5/2/25 / 1800	PACE	5/2/25 / 1800
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) Eastern Open	Date/Time: 5/3/25 1400
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

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

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: Lab Results, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman

Phone #:

E-Mail: labresults@cteh.com; kylelawrence@cteh.com; tmcmullin@cteh.com; ahenault@cteh.com

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

Customer Project #: PROJ-054017

Invoice to: CTEH

Project Name: Bishop 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 2	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	SVOCs 8270E	Total Metals 6020B; Hardness 130.1	Dissolved Metals 6020B	Hexavalent Chromium	TDS; TSS	Anions; Alkalinity; pH	Total Phosphorus; Total Nitrogen; TKN;	TOC	MBAS	Sample Comment
GACO0502W002.5	SW	G	-	-	5/2/2025	0819	19	-	-	X	X	X	X	X	X	X	X	X	X	-07
GACO0502T004	OT	-	-	-	5/2/2025	0700	1	-	-	X	-	-	-	-	-	-	-	-	-	-08
							2	HCl	5/3/25											

**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 #: 1604767

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: Eric Powell 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:
/CTEH	5/2/25/1800	PACE	5/2/25/1800	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) Easton Dyer	Date/Time: 5/3/25 1400	Delivered by: [ ] In- Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 04 of 11

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	Contact/Report To: Lab Results, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman
Street Address: 5120 North Shore Drive, North Little Rock, AR 72118	Phone #:
	E-Mail: labresults@cteh.com; kylelawrence@cteh.com; tmcmullin@cteh.com; ahenault@cteh.com
Customer Project #: PROJ-054017	Cc E-Mail: ecatlin@cteh.com; mklinkerman@cteh.com
Project Name: Bishop Loss of Containment	Invoice to: CTEH
Site Collection Info/Facility ID (as applicable): Galeton, CO	Invoice E-mail: ctehap@montrose-env.com
	Purchase Order # (if applicable):
Time Zone Collected: [ ] AK [ ] PT [X] MT [ ] CT [ ] ET	Quote #:
Data Deliverables: [X] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	County / State origin of sample(s): CO
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 2	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	SVOCs 8270E	Total Metals 6020B; Hardness 130.1	Dissolved Metals 6020B	Hexavalent Chromium	TDS; TSS	Anions; Alkalinity; pH	Total Phosphorus; Total Nitrogen; TKN;	TOC	MBAS	Sample Comment
GACO0502W003	SW	G	-	-	5/2/2025	0834	19	-	-	X	X	X	X	X	X	X	X	X	X	-09
GACO0502T005	OT	-	-	-	5/2/2025	0700	1	-	-	X	-	-	-	-	-	-	-	-	-	-10
							3	40	5/3/25											

**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 #: LX854767

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: Eric Powell 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) / CTEH	Date/Time: 5/2/25 / 1800	Received by/Company: (Signature) PACE	Date/Time: 5/2/25 / 1800
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) Easton Organ	Date/Time: 5/3/25 1400
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

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

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

Customer Project #: PROJ-054017

Project Name: Bishop Loss of Containment

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

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

Contact/Report To: Lab Results, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman

Phone #:

E-Mail: labresults@cteh.com; kylelawrence@cteh.com; tmcmullin@cteh.com; ahenault@cteh.com

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

Invoice to: CTEH

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

Purchase Order # (if applicable):

Quote #:

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 2	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	SVOCs 8270E	Total Metals 6020B; Hardness 130.1	Dissolved Metals 6020B	Hexavalent Chromium	TDS; TSS	Anions; Alkalinity; pH	Total Phosphorus; Total Nitrogen; TKN;	TOC	MBAS	Sample Comment
GACO0502W004	SW	G	-	-	5/2/2025	0810	19	-	-	X	X	X	X	X	X	X	X	X	X	-11
GACO0502T006	OT	-	-	-	5/2/2025	0700	1	-	-	X	-	-	-	-	-	-	-	-	-	-12
							2	Eo	5/3/25											

JM

Lab Use Only: Proj. Mgr: 546-Jared Starkey; AcctNum / Client ID: CTEHER; Table #: 1854767; 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: Jadelin Morrow Signature: Jadelin Morrow

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:
Jadelin Morrow / CTEH	05-02-25 / 1500	PACE	05-02-25 / 1800	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) Easton Organ	Date/Time: 5/3/25 1400	Delivered by: [ ] In- Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 06 of 11

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	Contact/Report To: Lab Results, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman
Street Address: 5120 North Shore Drive, North Little Rock, AR 72118	Phone #:
	E-Mail: labresults@cteh.com; kylelawrence@cteh.com; tmcmullin@cteh.com; ahenault@cteh.com
	Cc E-Mail: ecatlin@cteh.com; mklinkerman@cteh.com
Customer Project #: PROJ-054017	Invoice to: CTEH
Project Name: Bishop 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 **: 6x7 | 5x2 | 3x1 | 3x1 | 10x1 | 1x2 | 3, 4 | 3x2 | 3x1 | 2x1

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 #: 1852707; 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	SVOCs 8270E	Total Metals 6020B; Hardness 130.1	Dissolved Metals 6020B	Hexavalent Chromium	TDS; TSS	Anions; Alkalinity; pH	Total Phosphorus; Total Nitrogen; TKN;	TOC	MBAS	Sample Comment	Preservation non-conformance identified for sample.
GACO0502W004.5	SW	G	-	-	5/2/2025	0840	19	-	-	X	X	X	X	X	X	X	X	X	X	-13	
GACO0502T007	OT	-	-	-	5/2/2025	0700	1	-	-	X	-	-	-	-	-	-	-	-	-	-14	

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: Jadelin Morrow Signature: Jadelin Morrow

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:
Jadelin Morrow / CTEH	05-02-25 / 1800	PACE	05-02-25 / 1800	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) Easton Orym	Date/Time: 5/3/25 1400	Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 07 of 11

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: Lab Results, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman

Phone #:

E-Mail: labresults@cteh.com; kylelawrence@cteh.com; tmcmullin@cteh.com; ahenault@cteh.com

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

Customer Project #: PROJ-054017

Invoice to: CTEH

Project Name: Bishop 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 2	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	SVOCs 8270E	Total Metals 6020B; Hardness 130.1	Dissolved Metals 6020B	Hexavalent Chromium	TDS; TSS	Anions; Alkalinity; pH	Total Phosphorus; Total Nitrogen; TKN;	TOC	MBAS	Sample Comment
GACO0502W005	SW	G	-	-	5/2/2025	0937	19	-	-	X	X	X	X	X	X	X	X	X	X	-15
GACO0502T008	OT	-	-	-	5/2/2025	0700	1	-	-	X	-	-	-	-	-	-	-	-	-	-16
							2	60	5/3/25											

JM

Lab Use Only: Proj. Mgr: 546-Jared Starkey; AcctNum / Client ID: CTEHER; Table #: UR054767; 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: Jadelin Morrow Signature: Jadelin Morrow

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:
Jadelin Morrow / CTEH	05-02-25 / 1800	PACE	05-02-25 / 1800
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) Easton Dunn	Date/Time: 5/3/25 1400
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

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

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: Lab Results, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman

Phone #:

E-Mail: labresults@cteh.com; kylelawrence@cteh.com; tmcmullin@cteh.com; ahenault@cteh.com

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

Customer Project #: PROJ-054017

Invoice to: CTEH

Project Name: Bishop 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 (WI), 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 2	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 #: 08547767

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	SVOCs 8270E	Total Metals 6020B; Hardness 130.1	Dissolved Metals 6020B	Hexavalent Chromium	TDS; TSS	Anions; Alkalinity; pH	Total Phosphorus; Total Nitrogen; TKN;	TOC	MBAS	Sample Comment	Preservation non-conformance identified for sample.
GACO0502V005	SW	G	-	-	5/2/2025	0937	19	-	-	X	X	X	X	X	X	X	X	X	X	-17	
GACO0502T009	OT	-	-	-	5/2/2025	0700	1	-	-	X	-	-	-	-	-	-	-	-	-	-18	

JM

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: Jadelin Morrow Signature: Jadelin Morrow

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:
Jadelin Morrow / CTEH	05-02-25 / 1800	PACE	05-02-25 / 1810
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) Evelyn Organ	Date/Time: 5/3/25 1400
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

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

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: Lab Results, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman

Phone #:

E-Mail: labresults@cteh.com; kylelawrence@cteh.com; tmcmullin@cteh.com; ahenault@cteh.com

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

Customer Project #: PROJ-054017

Invoice to: CTEH

Project Name: Bishop 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 2	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	SVOCs 8270E	Total Metals 6020B; Hardness 130.1	Dissolved Metals 6020B	Hexavalent Chromium	TDS; TSS	Anions; Alkalinity; pH	Total Phosphorus; Total Nitrogen; TKN;	TOC	MBAS	Sample Comment	Preservation non-conformance identified for sample.
GACO0502W006	SW	G	-	-	5/2/2025	0733	19	-	-	X	X	X	X	X	X	X	X	X	X	-19	
GACO0502T010	OT	-	-	-	5/2/2025	0700	1	-	-	X	-	-	-	-	-	-	-	-	-	-20	

Lab Use Only

Proj. Mgr: 546-Jared Starkey

AcctNum / Client ID: CTEHER

Table #: 1485767

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: Jadelin Morrow Signature: Jadelin Morrow

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:
Jadelin Morrow / CTEH	05-02-25 / 1800	PACE	05-02-25 / 1800
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) Evelyn Dyer	Date/Time: 5/3/25 1400
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

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

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: Lab Results, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman

Phone #:

E-Mail: labresults@cteh.com; kylelawrence@cteh.com; tmcmullin@cteh.com; ahenault@cteh.com

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

Customer Project #: PROJ-054017

Invoice to: CTEH

Project Name: Bishop 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 2	3 x 1	2 x 1
Identify Container Preservative Type***									
4	1	2	2	11	1	1	3	3	1
Analysis Requested									
VOCs 8260D; TPH-GRO/DRO/ORO	SVOCs 8270E	Total Metals 6020B; Hardness 130.1	Dissolved Metals 6020B	Hexavalent Chromium	TDS; TSS	Anions; Alkalinity; pH	Total Phosphorus; Total Nitrogen; TKN	TOC	MBAS

**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 #: 1854767

Profile / Template: T271979

Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample.

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	Sample Comment
GACO0502F001	SW	G	-	-	5/2/2025	0840	19	-	-	-21
GACO0502T011	OT	-	-	-	5/2/2025	0700	1	-	-	-22

JM

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: Jadelin Morrow Signature: Jadelin Morrow

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:
Jadelin Morrow / CTEH	05-02-25/1800	PACE	05-02-25/1800	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) Easton Dean	Date/Time: 5/3/25 1400	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 11 of 11

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: Lab Results, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman

Phone #:

E-Mail: labresults@cteh.com; kylelawrence@cteh.com; tmcmullin@cteh.com; ahenault@cteh.com

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

Customer Project #: PROJ-054017

Invoice to: CTEH

Project Name: Bishop 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

Specify Container Size **

6x6	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									

**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 #: 1854767

Profile / Template: T271979

Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample.

* 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	SVOCs 8270E	Total Metals 6020B; Hardness 130.1	Dissolved Metals 6020B	Hexavalent Chromium	TDS; TSS	Anions; Alkalinity; pH	Total Phosphorus; Total Nitrogen; TKN;	TOC	MBAS	Sample Comment
GACO0502STW003	SW	G	-	-	5/2/2025	1613	16	-	-	X	X	X	X	X	X	X	-	-	X	23
GACO0502STWT001	OT	-	-	-	5/2/2025	0700	1	-	-	X	-	-	-	-	-	-	-	-	-	24

PH

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: Presley Hanir 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:
	05/02/25 1800	PACE	05/02/25 1800
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
		Evan Orgo	5/3/25 1400
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

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

Page: of

Multiple Parcel Form

L# LF0534767

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
SW	TLA1	3.2	+0.4	3.6	Yes / No / Not Present
		3.4		3.8	Yes / No / Not Present
		0.6		1.0	Yes / No / Not Present
		3.1		3.5	Yes / No / Not Present
		4.1		4.5	Yes / No / Not Present
		3.5		3.9	Yes / No / Not Present
		0.5		0.9	Yes / No / Not Present
		0.6		1.0	Yes / No / Not Present
		3.8		4.2	Yes / No / Not Present
		1.5		1.9	Yes / No / Not Present
SW	TLA1	0.3	+0.4	0.7	Yes / No / Not Present
~~SW~~ SW	~~TLA1~~ TLA9	1.4	+0.4	1.8	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
					Yes / No / Not Present

Easton Orgon
Name

5/3/25
Date